

# Environmental and Social Monitoring Report

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Project Number: 38928-014  
Annual Report (2018-2019)  
June 2019

## Pakistan: New Bong Escape Hydropower

Prepared by Laraib Energy Limited for the Asian Development Bank.

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*New Bong Escape Hydroelectric Power Project*

# **Environmental and Social Compliance Report**

Annual Report 2018-19

Laraib Energy Limited  
Islamabad

## ENVIRONMENTAL AND SOCIAL COMPLIANCE

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### Summary Assessment of Client Performance:

Laraib Energy Limited is fully committed comply with all national regulatory requirements and IFC Performance Standards applicable to the 84 MW New Bong Escape Hydropower Project. In the operational phase of the project the IFC Performance Standards applicable to this project are:

1. Performance Standard 2: Labor and Working Conditions
2. Performance Standard 3: Resource Efficiency and Pollution Prevention
3. Performance Standard 4: Community Health, Safety, and Security
4. Performance Standard 6: Biodiversity Conservation and Sustainable Management of Living Natural Resources

Out of the aforementioned Performance Standards, PS2 and PS4 are more applicable as compared to PS 3 and PS6. We are actively engaging with Contractors and sub-contractors to ensure compliance of all labor related laws and regulations. It is also made part of any contract binding all contracting parties to comply with all regulatory requirement w.r.t labor and also comply with LEL policies which are made along the lines of IFC guidelines. We are now well on our way to implementation of the renowned DuPont safety system to ensure that workers are safeguarded against any mishaps at site with this world class safety system.

As far as the community is concerned we have comprehensive CSR policy driven by a Corporate CSR policy whereby we invest each year in our communities in the field of health, education, infrastructure and livelihood along with contribution to reputed charity organizations and supporting local events. We have a dedicated Community Liaison Officer, who is a local and helps as a bridge between the local communities and LEL. We have a community grievance register as well and currently we have no pending issues or complaints from the community.

The company has established a Health, Safety and Environment Policy whereby dumping of trash in open areas, excavation in active burrow areas, fishing and hunting, night time off-road driving, release of untreated effluents to the environment are prohibited. Apart from this the company sponsors World Environment Day Celebrations with the EPA. Recently we have signed an agreement with the EPA where LEL will plant and maintain around 2500 evergreen tree species to help improve the watershed of the area.

## 1. Incidents of Violations or Non-Compliance

1.1. The following information regarding incidents of violations or non-compliance has been recorded

- (i) Nature of non-compliance
- (ii) Violation or non-compliance based on environmental standards and regulations
- (iii) Recorded dates and authorities
- (iv) Media or community reactions (if any)
- (v) Corrective actions, deadlines, identification of responsible parties

1.2. Incidents of violation and non-compliance along with its corrective actions in the form of ESOHS Corrective Action Plan (ESOHS CAP) are attached as **“Exhibit 01”**. The following is the status of ESOHS CAP as of Jun 30, 2019.

- |                                 |      |
|---------------------------------|------|
| 1. Total number of observations | 2124 |
| 2. Number of Issues closed      | 2120 |
| 3. Number of Issues open        | 04   |

## 2. Incidents of Environment and Safety Accidents

### 2.1. Environmental Accidents and Mitigation

No Environmental accident has been reported in this year.

### 2.2. Health and Safety Accidents and Mitigation

The summary of accidents encountered in this year, are as follows;

| Total Safe Man Hours (COD till Date) | First Aid (FA) | Medical Treatment (MT) | Restricted Work Injury (RWI) | Lost Work Injury (LTI) | Near Miss |
|--------------------------------------|----------------|------------------------|------------------------------|------------------------|-----------|
| 3,234,720                            | 00             | 00                     | 00                           | 00                     | 89        |

### 2.3. Near Miss

Total 89 near misses have been reported during the year. Detail is as following;

- 1. On Jul 6, 2018 Manager Electrical and C&I was sitting on the chair, suddenly chair dropped down and he fell down on floor, Luckily No injury occurred but there was a potential of serious injury.
- 2. On Jul 09, 2018 Mechanical section was working on the alignment of overhead crane 30 T track. The space for walking along the track is less and narrow which leads to serious potential of falling hazard. No fall protection is provided and no point to anchor the safety harness.
- 3. On Jul 10, 2018 During weekly testing of firefighting engine, it was observed that engine didn't stop from push button due to shutoff solenoid Coil

malfunctioned. Weekly inspection is halted because of this issue and switch off manually couldn't be performed.

4. On 18th July 2018 Mechanical Section was performing Monthly Maintenance on Passenger Elevator when they observed a dislocated limit switch of emergency exit door of elevator.
5. On Jul 19, 2018 A gardener was cutting the grass with the machine near old Sambu building, suddenly a stone flew due to blade rotation of grass cutting machine and hit on the back glass of Mehran Car. As a result, back glass broke.
6. On Jul 24, 2018 During the testing of fire shutter installed inside the warehouse it was noticed that on actuation of smoke detectors shutter was not closed automatically although it can be closed manually. It can be dangerous in case of any fire; the affected area will not be isolated, and fire can spread to other areas. As supply to motor of fire shutter from controller is separate for manual and auto operation, there may be any break of supply/fault in circuitry for the auto operation of fire shutter.
7. It was reported that on July 24, 2018 during morning time at main gate security staff opened the gate to allow four cars belong to staff came in a row to enter the plant, however, when third car has crossed the gate, the security staff on duty started closing it while last car was about to enter, the car driver buzzed the horn and stopped the car to avoid hit with gate. Security staff was standing behind the gate and could not judge that 4th car is also there.
8. On Jul 26, 2018 Water leakage was observed from the safety valve of firefighting system at elevation 270m. Water accumulated at elevation 270m inside firefighting room. Following the significant vases  
The accumulated water may penetrate into electrical panel which could cause short circuit of the panel
9. On Aug 7, 2018, some broken glass pieces were observed in parking area which have the potential to cause serious injury to personnel and serious damage to the tyres of vehicles.
10. On Aug 10, 2018 During replacement of cartridge filters of WTP it was found that the specific isolations were not mentioned on permit. Although system was isolated but Could have caused injury to working personnel or damage to equipment in case of unauthorized operation.  
System wise isolations need to be defined and implemented.
11. On Sunday August 12, 2018, during grading of ground behind officer's club an electric cable conduit was extracted out of the ground which caused cable to disconnect from the electric panel. It can be dangerous in case the cable already had or gets a crack or cut on it. The cable was laid merely 5 – 6 inches below ground level and there was no marking of cable laying on it. Moreover, due to growth of bushes deep down, the conduit was entangled in roots and mud. When bush was pushed, the conduit came out with it.
12. On Aug 15, 2018 It was observed at El. 274 (HVAC Control Room) that No response appeared on fire alarm panel due to faulty heat detector. The possible reason of fault would be the humidity which will be rectified soon.

- 13.** On Aug 20, 2018 it was observed on the pole of IC-2 of NBE gates that vegetation growth is increased rapidly at dangerous level. It spread from ground to conductors. There is a potential of short circuiting as well as dangerous for personnel in rainy season.
- 14.** It was observed On Aug 28, 2018 that a 6 Kg DCP fire Extinguisher found empty but not replaced with filled one. Although inspection shows that this extinguisher is empty.  
As corrective action this fire extinguisher was replaced immediately.
- 15.** It was observed On Aug 28, 2018 that a 6 Kg DCP fire Extinguisher found empty but not replaced with filled one. Although inspection shows that this extinguisher is empty.
- 16.** On Aug 31, 2018 A technician was shifting an oxygen cylinder from workshop to El. 271 without using the proper trolley. As corrective action immediately stop this activity and he advised to use trolley for the shifting the gas cylinder
- 17.** On September 7, 2018 it was observed that a base of Nitrogen gas filled cylinder fell down while unloading it from vehicle and it was shifted with the help of nozzle instead of using trolley. It could be dangerous in case cylinder fell down from nozzle side.
- 18.** On September 10, 2018 A nitrogen gas cylinder fell down while pressurizing the outer unit of AC of NBE gates control room, nozzle of cylinder was slightly damaged, No leakage occurred.
- 19.** On Sep 28, 2018 It was Observed that no emergency Light is available in Power House Diesel Generator Room. In Case of Emergency or Tripping if the Power House D.G doesn't Starts due to any reason and the operator has to start the D.G Manually /has to check in detail for the Fault in the engine there would be no emergency Light Available in D.G Room. Hence creating Hindrance in his work and ultimately delaying the process /restoration.
- 20.** On Oct 10, 2018 An Employee was strucked inside the passenger elevator at Ele. 251 (B1) while travelling upward from B2(Elev245) to 3 (Elev. 265) & N fault error appeared on Elevator display.  
Employee got stranded inside the passenger elevator.
- 21.** On Oct 10, 2018 60-liter diesel was purchased from Mirpur, due leakage of one container, some diesel spilled on the floor of HiAce and too much smell was observed in the vehicle during shift pick & drop next day.  
On 10th October 2018 during shift two person about to slip due to slippery floor of HiAce.
- 22.** On 16th October 2018 contractor (Mityal Builders) Started his work without taking safety induction. Contractor have no awareness regarding emergency situations and plant safety rules. Concerned section and contractor advised to complete all HSE requirements before commencement the job in future.  
•Contractor work immediately stopped and safety induction was conducted by HSE.
- 23.** 16th October 2018 Contractor for installation of Emergency Exit was found drilling without Hot Work Permit at Deep Well Pump area. Only general permit was issued. Recorded as Violation to PTW Procedure.  
•Activity was stopped, and site supervision was told to obtain Hot Work

#### Permit

- Adequate Coordination is required between site supervision and contractor
- Daily TBT to be carried out with contractor team by Site Supervision
- Site supervision need to be more vigilant and alert during the job execution by the contractor.

24. On October 19, 2018 It was observed that two wires were extended from socket in a unsafe way in Police porta cabin near colony gate. There was a high potential of electrocution which plugging in the mobile charger. As corrective action extended cables were removed from there by handy man.
25. On Oct 23, 2018 It has been observed that a security team has transported a check post from colony to plant area on a vego in an unsafe way. Said load was not properly secured with vehicle, instead two security staff were standing behind on an open bed of the moving vehicle holding the load which was not a right way.  
There was serious likelihood that load would have imbalanced during transportation and come out of control of the individuals holding it with hands only and leading to serious consequences
26. On Oct 25, 2018 Electrical Section had a work permit to check and rectify multifunction meter fault on non-essential distribution board system which involved a continuous and persistent communication between Operation Field Team and CCR for energization and de-energization of system for test purpose. During the activity it was noticed that operation team had to use DWS telephone set for communication with CCR instead of walkie talkies sets as those were out of order
27. On Oct 27, 2018 A C&I team was observed working against PTW #2892. It was noticed that concerned CP is on leave and 2nd competent person supervising the job is not endorsed on the PTW and informed to AP. (C&I)
28. On Nov. 22, 2018 Battery installed in elevator for emergency communication was found out of order. It could be dangerous if someone stuck in elevator in case of emergency.
29. On Nov. 22, 2018 It was observed that a tag of work InProgress was not removed after maintenance of passenger elevator and it was opened use.
30. On Nov 27, 2018 during routine HSE inspection of emergency exit project, it was observed that contractor was intended to use welded chain for the lifting of spiral ladder support pipe which have the protentional for serious consequences in case of failure.
31. On Dec 7, 2018 it was observed that mechanical team was erecting the scaffolding for lifting of deep well pump without tagging of scaffolding.
32. On 12th Dec 2018, during routine visit of mechanical workshop store, 25 cans of inflammable material (Thinner & Hardener) were found stored with paints and other materials. Storing of such huge quantity of inflammable material in an area having no automated fire suppression system could be very dangerous because mentioned material can very easily set on fire.
33. On 13th Dec 2018, during routine inspection a Fire Extinguisher found missing from its designated area in Workshop. After inquiry it was established that Fire Extinguisher is moved to construction site of new

emergency exit for a fire coverage during hot work.

Non-availability of Emergency Equipment at its designated place could cause delay in emergency response in case of fire in the area and lead to serious consequences.

- 34.** On 25th Dec. 2018 Around 11:00 hrs. It was observed that a contractor's labourer was working on newly installed emergency exit without engaging the harness.  
There is a high potential of fall from height because No fall protection is installed there.
- 35.** On 25th Dec. 2018 Around 11:30 It was observed that Maintenance crew have no Walkie Talkie sets and facing a communication issue between El. 245 and El. 227.  
Newly purchased walkie talkie sets should have issued before start of annual maintenance to avoid such problems.
- 36.** On 25th Dec. 2018 Around 18:00 hrs. it was observed that Mech. Section was erecting the hard barricading after removal of hatch cover of U4 at El. 245, At the same time a crew of 4-5 workers were installing the access ladder for draft tube at El. 227.  
In view of above scenario, there was a potential of falling of pipe or joints which could lead to a severe personal injury or fatality.
- 37.** On 26th Dec. 2018 Around 10:00 hrs. During testing of Unit # 4 (Auxiliary Motor) at El. 227 Electrical section was doing the touch paint (with Spray Bottle) and this activity was not mentioned in JSA.
- 38.** On 27th Dec. 2018 Around 17:00 hrs. during flushing of cooling water system of U#4 waster came out with pressure from a temporarily installed air vent pipe and splashed over the adjacent equipment including lights.
- 39.** On 28th Dec. 2018 Around 9:30 hrs. Electrical section kept their equipment, tool box etc. in front of the door of Electrical Room 4 and door was open.  
No barricading observed.  
It can be dangerous for all entrant to hit with the equipment
- 40.** On 28th Dec. 2018 Around 11:00 hrs. A contractor's labourer was working in conference was observed using the drill machine and naked wires directly inserted into the socket to attain the power source.
- 41.** On 28th Dec. 2018 Around 17:30 hrs. A contractor's scaffolder was observed erecting the scaffolding without engaging the harness.
- 42.** On 30th Dec. 2018 A worker was observed working on a panel nearby confined space opening on turbine housing side, there was a fall potential. Such activities should be planned when confined space opening window is closed or have proper fall protection in place.
- 43.** On 2nd Jan 2019 Around 10:00 hrs. A C&I engineer was doing the inspection of U4 transformer, His helmet was struck with the nozzle of deluge system and no injury occurred, but it could be dangerous in case of non- compliance of helmet.
- 44.** On Jan 03, 2019 During Unit 4 commissioning activity, confined space windows of bulb nose and turbine housing were found open without any barricade for protection and caution against the fall protection.



- 45.** On Jan 03, 2019 Around 18:00 hrs. exhaust fan of UPS Panel found out of order due to raise in temperature of UPS panel. The possible reason is relay of exhaust fan might have malfunctioned.
- 46.** On Jan 04, 2019 Around 17:00 hrs. Scaffolder was observed working without wearing the harness in U1 draft tube area. There was a potential of fall towards the intake side due to slippery surface.
- 47.** Jan 05, 2018 Around 16:00 hrs. it was observed that confined space entry permits were issued for the polishing of slip ring of unit 4 and second permit was issued for inspection of underwater parts of unit 1. Both permits were identifying that No hazardous substance will be used in confined spaces but use of chemicals are included in both activities and mentioned in JSAs.  
Operations team immediately updated the relevant information.
- 48.** Jan 06, 2018 Paint working was started in conference room but MSDS of paint and wall putty was not attached with the permit and the hazards were not communicated to team.
- 49.** A mechanical team was found working on a scaffolding platform without any inspection tag. Team was moved down and re inspection of scaffolding was carried out for proper tagging.
- 50.** On Jan 11, 2019 Around 17:30 import energy has been interrupted and all lights (except UPS lights) have been shut down. During this black out situation, a chain of communication started amongst the departments on walkie Talkie sets.  
As we have one frequency, so nobody was properly understanding the message.  
Above situation could lead to serious accident for the people who were working in confined spaces i.e. draft tube, bulb nose and turbine housing.
- 51.** on Jan 13, 2019 Around 16:00 hrs. Mechanical crew was closing the draft tube window of U#1 by using the chain block and the hook of chain block was coupled with the access ladder, suddenly one rung of the ladder bended due to the weight of window cover, work was stopped immediately.  
It could be dangerous if the rung broke down and weight dislodged rapidly
- 52.** On Jan 14, 2019 During lowering of stop log in U#1 It was reported by Mechanical Team that power cable of intake gantry crane was de-tracked from cable trench and was about to stuck with the wheel of the crane due to damaged cable guide rollers.
- 53.** On Jan 14, 2019 during deluge testing at U#1 it was reported that Burning Smell was observed from Magnetic contactor of FF Jockey Pump which resulted in magnetic contactor coil damaged. It was immediately replaced, and pump was brought back into operation
- 54.** On Jan 15, 2019 an employee tried to cross area between governor system and accumulator, while crossing his foot stuck in between the pipes & cable tray, he got dis balanced and was about to fall due to trip. However, he managed to retain his balance and remained safe.
- 55.** On Jan 16, 2019 Some oil leakage was observed from the flexible hose of fuel pump of firefighting engine during periodic weekly functional test.

Engine was defeated through short term defeat protocol and brought in service after necessary rectification immediately.

56. On Jan 18, 2019 Around 10:30 hrs. it was observed during dismantling of access ladder of U#3, a coupler/joint was fell down between the two laborers
57. On Jan 20, 2019 Electrical Section was transferring the insulating oil from main tank to small drums through old dehydration unit and spill preventions i.e. spill kit and spill tray were mentioned in the JSA.
58. On Jan 20, 2019 Around 12:30 hrs. oil released from pump and spilled over the floor of El. 245 because team did not fully implement the controls mentioned in JSA.
59. On Jan 22, 2019 Around 15:00 hrs. It was observed that a contractor labourer was using the sealer (Thinner) for cleaning of wooden pieces during renovation of conference room, entire area was full of thinner fumes because blower was in use for ventilation and labourer himself was not using the respirator.
60. On Jan 23, 2019 It was observed that around 16:50 hrs. an announcement regarding annual testing of emergency alarm of deluge system was released from CCR via public address system (PAS) but many people did not listen it carefully and not taking it seriously which is very alarming and dangerous in case of actual emergency.  
All concerned have been communicated to follow the instructions of control room.
61. On Feb 19, 2019 It was observed that an electrician was using A-type ladder while repairing the street light in housing colony and nobody hold the ladder though two persons were standing near working.  
There was a potential of fall from ladder in case of minor mistake  
1- At least one person should always hold the A type ladder while someone working on it.  
2- To avoid such type of incident, JSA should be prepared earlier from execution of the work  
3- Tool Box talk should be carried out before the activity  
4- Training session should be arranged for entire crew
62. On Feb 20, 2019 It was observed that gardening staff has climbed on the SAMBU Barracks roof using a short length ladder creating serious potential of fall from height. No supervision was available, it was serious noncompliance to the JSA for the activity in which clear instructions were mentioned how to use ladders safely. Activity was stopped.
63. On Feb 20, 2019 During PTW audit of C&I section it was noticed that still old JSA format is being used for PM activities, despite the cut-off date for implementation has been over. All JSAs need to be shifted to new format with immediate effect.
64. On Feb 21, 2019 NBE gates (01,03,04,05,06 & 07) ON/OFF indications were appearing intermittently on SCADA. Supply breakers for the gates (01,03,04,05,06 & 07) were tried to switch off from LCU-08, but breakers found stuck  
Upon inspection it was observed that supply cable of gate # 07 LCP has been damaged due to rain water.

Rectified on the same day

- 65.** On Feb 22, 2019 It was observed that contractor was working on deep well lifting mechanism, started the scaffold erection without red tag which is the violation of scaffolding procedure. It also indicates that CP did not conduct the toolbox talk with the contractor staff prior to start the job.  
Both observations fixed at the spot and CP/Contractor's Rep. strictly advised to fulfil site HSE procedure and policies otherwise penalties will be imposed as per contract clause
- 66.** On March 04, 2019 it was observed that scaffolding platform was erected for the access of smoke detector in GIS, But No tag was available on scaffolding structure.
- 67.** On 12th March 2019 around 1:45 PM, two unidentified compressed gas cylinders were observed lying at smoking point near plant parking.  
Unsafe storage of compressed gas cylinders  
2. Non-compliance to the compressed gas cylinder safety requirements  
3. Moreover, due to fire source in the area, there was a potential of fire or explosion in case there would have been some hazardous gas leakage from the cylinders.
- 68.** On March 13, 2019 A drill machine operator (SCO) was observed without safety shoes while doing the drilling in concrete road. There is a high probability of severe foot injury in case drill bit slipped due to the jerks of machines which is obvious in below picture. Normal shoes cannot protect the feet.  
As a corrective action, work has been stopped immediately and an awareness session has been conducted
- 69.** On March 13, 2019 A contractor worker was observed without gloves while doing the cutting job during installation of lifting mechanism. This violation could lead to a serious incident if cutter slipped due to iron splinters.  
As a corrective action, work has been stopped immediately and worker advised to wear the gloves and an awareness session has been conducted
- 70.** On 27th Mar 2019 around 10:30 Lock of exit door at transformer deck was found stuck while mechanical crew was approaching the access of 85-ton crane through the door. In case of emergency, evacuation will not be possible through this door which is very alarming. This door is not frequently in use, so nobody observed it.  
Inspection frequency is not defined to check the function of the door.
- 71.** On 27th Mar 2019 it was observed that an electrician of SCO working on PABX cable in loose clothing and without using the PPEs.  
Immediately stopped his work and asked his supervisor to provide PPEs to him.  
On 27th March It was observed that a labourer of SCO was working at height without harness.
- 72.** On Apr 8, 2019 around 11:00 AM it was observed that Contractor's staff started the construction work of KPID wall without receiving the HSE induction the chances of HSE violations increases because HSE rules and procedures have not been communicated to the staff through HSE induction. The basic cause is the negligence of project Engineer and contractor because requirements were communicated before three days of

start of the work, but contractor violated the policy and started the work without receiving the HSE induction.

1- Instruction should be clearly communicated to the contractor that HSE induction is mandatory before commencement of the work.

2- Project Engineer ensure the compliance of this requirement

3- A strong message should be communicated to the contractor

**73.** On April 24, 2019 Due to heavy storm, the RTU duct cover fell down at transformer deck area. It may have injured any one working in that area. Or it might have fallen on live equipment in AIS causing short circuiting. Heavy storm caused the detachment of RTU 01-C duct cover.

**74.** On April 24, 2019 Driver Saleem was stucked inside the passenger elevator at Elev. 245 (B2). Employee got stranded inside the passenger elevator. Malfunctioning of sensors might have caused the elevator to stuck at elevation 245 masl.

CCR contacted the stucked person through emergency phone and Operations team along with Electrical Technician immediately reached at B2 & rescued the employee. Supply Breaker of Passenger elevator Switched off, caution tags displayed at every elevation & relevant section informed immediately for necessary rectification. Training session on emergency response should be conducted for drivers and security staff

**75.** On April 30, 2019 A table and a chair found in front of fire hose reel and fire extinguisher cabin at Elevation 251. In case of fire, it may lead to delay in emergency response.

**76.** On April 30, 2019 Electrical & Mechanical teams were working jointly to pull out the dismantled RTU-01C blower from its cabin with the rope. The force was not applied in a proper which resulted into a sudden jerk. Working crew faced a sudden jerk, however, nobody tripped, and luckily no injury occurred.

**77.** On April 30, 2019 it was observed that a PTW issued to Mechanical crew for maintenance of water treatment plant, but nobody was available in WTP area and LOTO (Locks) were found open. LOTO is a collectively responsibility of AP and CP and which should be in control of AP and CP. Do not leave the area without proper closing of the LOTO.

**78.** On May 13, 2019 A construction crew was observed without PPEs while working on KPID wall. Activity stopped and issue communicated to the Company owner.

**79.** On May 16, 2019 A construction crew was observed without PPEs while working on mosque finishing work. Activity stopped and issue communicated to Area Supervisor

**80.** On May 16, 2019 A mechanical team was working on fabrication of access ladder of fire water tank. During work at height a fabricator was observed without safety harness. Work stopped and harness arranged immediately.

**81.** On May 23, 2019 A contractor crew was shifting the new DG Fire Engine (650 kg) from El. 265 to El. 271. through manual tripod lifting mechanism. Suddenly one leg of tripod slightly slipped which lead to a sudden jerk to the lifted load. Load was in-tacked but there was a of fall of lifted load.

82. On May 24, 2019 it was observed that a crew of irrigation department working in NBE area under the PTW of C&I section without PPEs which is the violation of our safety procedure.
83. On May 29, A construction crew was observed without PPEs while working on reinforcement of SZS barracks.  
Activity stopped and issue communicated to Area Supervisor.
84. On Jun 10, 2019 It was observed that Mechanical crew started the monthly maintenance of Compressor No. 2 without signing the PTW by competent person.
85. On Jun 13, 2019 a C&I technician was sitting on the chair at Admin area (El.261) and He was doing some software installation in computer with IT officer, suddenly his chair was broken, and he fell down on floor. Luckily, He did not hurt but there was a potential of a recordable injury.
86. On Jun 17, 2019 A contractor worker was observed working on the edge of the roof of the mosque which have the fatality potential.  
Immediately the work has been stopped and contractor advised to install the scaffolding structure to complete the activity.
87. On Jun 25, 2019 Mechanical crew started erection of mobile scaffolding without red tag which the violation of scaffolding procedure.
88. On Jun 27, 2019 It was observed that a police constable was riding the motor bike without helmet, as corrective action He stopped advised to wear the helmet and communicated his ASI.
89. On Jun 27, 2019 Cigarette ends were observed out the colony main gate.  
Security guards were strictly advised to avoid the smoking in non-smoking area.  
Also conducted an awareness session and communicated the strong message to their supervisor.

#### **2.4. Medical Treatment Case**

No MTC reported this year.

#### **2.5. First aid**

No MTC reported this year.

#### **2.6. Report of Unsafe Acts/Unsafe Conditions**

All UA/UC are recorded in corrective action plan attached as **"Exhibit 01."**

### **3. DuPont Safety Management System**

#### **3.1. DuPont Safety Management System (SMS) Alignment**

The process of aligning our current Safety Management System at NBE HPP with the requirements of DuPont Safety Management System was initiated early 2015. Following activities have been carried out in this regard:

1. New safe operation committee has been formulated

2. New D-Level committees have been constituted and meeting day fixed.
3. Total 21 elements have been covered in the DuPont Questionnaire series.
4. 1<sup>st</sup> and 2<sup>nd</sup> Party audit of 22 elements of DuPont safety management system has been completed and action plan develop for rectification of observations and preparation of 3<sup>rd</sup> party audit.
5. Overall score achieved during 2<sup>nd</sup> party audit assessment is 2.9

| <i>SN</i> | <i>DuPont Element</i>             | <i>Max. Rating</i> | <i>Actual Rating</i> |
|-----------|-----------------------------------|--------------------|----------------------|
| 1         | Management Commitment             | 5                  | 4                    |
| 2         | Policies and Principles           | 5                  | 3                    |
| 3         | Integrated Organization Structure | 5                  | 3                    |
| 4         | Line Management Acc & Resp        | 5                  | 3                    |
| 5         | Goals, Objectives and Plans       | 5                  | 2.2                  |
| 6         | Safety Personnel                  | 5                  | 3.5                  |
| 7         | Procedures and Perf. Standards    | 5                  | 3.5                  |
| 8         | Training and Development          | 5                  | 2                    |
| 9         | Effective Communication           | 5                  | 3                    |
| 10        | Motivation & Awareness            | 5                  | 3                    |
| 11        | Observations & Audits             | 5                  | 2.5                  |
| 12        | Incident Investigation            | 5                  | 3                    |
| 13        | PHA and Risk Assessment           | 5                  | 2.5                  |
| 14        | MOC- Technology/Facility          | 5                  | 3                    |
| 15        | PSI                               | 5                  | 3                    |
| 16        | Mechanical Integrity              | 5                  | 3                    |
| 17        | PSSR                              | 5                  | 3                    |
| 18        | Quality Assurance                 | 5                  | 3                    |
| 19        | Contractor Safety Management      | 5                  | 2.5                  |
| 20        | MOC- Personnel                    | 5                  | 2                    |
| 21        | Emergency Preparedness            | 5                  | 2.8                  |
|           | <b>Overall Rating</b>             | <b>5.0</b>         | <b>2.9</b>           |

DuPont questionnaire series launched in May 2017 to increase the awareness among employees and small gifts were also given to them on right answers motivate them. We have covered all DuPont Element through these questionnaires.

### 3.2. Department Level Committee (D Level) Meetings

Department Level Meetings had been initiated in 2015 with the theme of involvement of every employee in HSE highlights. Workers who work on the floors and observe various hazards live then share their point of view in these meetings.

All the HoDs PGM and HSE Section observe appropriateness of the performance of committees. In these meetings, quick wins as well as points of improvement are discussed and then shared with HSE Section. HSE Section has formulated a log to register points of the order which are then shared with relevant sections for closure.

In this year, total 110 D Level Meetings were conducted by the Operations Department, 128 by Maintenance Department and 84 by the BSS Department.

#### 4. Trainings

##### 4.1. In-House HSE Trainings

Following in-house Trainings were conducted for employees in this year;

| Trainer(s)     |   | DuPont Core Team      |              |
|----------------|---|-----------------------|--------------|
| Training Venue |   | Control Room, NBE HPP |              |
| No.            | Training Name                                       |                       | Participants |
| Quarter 1      |   |                       |              |
| 1              | HUBCO HSE Policy                                    |                       | 14           |
| 2              | Policies and Policies                               |                       | 6            |
| 3              | PSI and PSSR  |                       | 04           |
| 4              | Safe Inspection of Vehicles                         |                       | 19           |
| 5              | Integrated Organizational Structure for Shift Staff |                       | 16           |
| 6              | TRIR  |                       | 12           |
| 7              | Introduction of Leading Indicator                   |                       | 12           |
| 8              | HUBCO Safety rules                                  |                       | 4            |
| 9              | Integrated Organizational Structure for Shift Staff |                       | 16           |
| 10             | 5S Housekeeping tool                                |                       | 12           |
| 11             | Defensive Driving                                   |                       | 6            |
| 12             | Process Safety Information                          |                       | 6            |
| 13             | Process Hazard Analysis (PHA)                       |                       | 6            |
| 14             | TRIR  |                       | 12           |
| 15             | Introduction of Leading Indicator                   |                       | 12           |
| Quarter 2      |   |                       |              |
| 16             | Process Safety Information for Shift Staff          |                       | 6            |
| 17             | 5S Housekeeping tool                                |                       | 12           |
| 18             | Work at Height                                      |                       | 5            |
| 19             | TRIR  |                       | 14           |
| 20             | Introduction of Leading Indicator                   |                       | 11           |
| 21             | Hand Injury Prevention                              |                       | 32           |
| 22             | Process Safety Information for Shift Staff          |                       | 6            |

|                  |                                      |    |
|------------------|--------------------------------------|----|
| 23               | How to improve the quality of MSA    | 22 |
| 24               | Hand Injury Prevention for SZS staff | 18 |
| 25               | Work at Height                       | 6  |
| 26               | Dupont Element -PSSR                 | 5  |
| 27               | Off the job Safety                   | 11 |
| 28               | Hearing Loss Prevention              | 32 |
| 29               | Safety performance Review            | 53 |
| 30               | PTW System                           | 32 |
| 31               | Scaffolding Safety                   | 9  |
| 32               | Dupont Element -ERP                  | 12 |
| 33               | Off the job Safety                   | 11 |
| 34               | Portable Tool Safety                 | 32 |
| 35               | Safety performance Review            | 53 |
| <b>Quarter 3</b> |                                      |    |
| 36               | Safety performance Review            | 37 |
| 37               | PTW System                           | 37 |
| 38               | Scaffolding Safety                   | 37 |
| 39               | Emergency Reponses Plan              | 37 |
| 40               | Ladder Safety                        | 27 |
| 41               | Use of Snake Catcher                 | 14 |
| 42               | Contractor Safety                    | 5  |
| 43               | Safety Personnel                     | 5  |
| 44               | Plant Safety Rules                   | 12 |
| 45               | Process Safety Information           | 27 |
| 46               | Mechanical Integrity                 | 23 |
| 47               | Pre-Start Up Safety Review           | 27 |
| 48               | Policies and Principles              | 24 |
| 49               | Process Hazard Analysis              | 19 |
| <b>Quarter 4</b> |                                      |    |
| 50               | First Aid Training                   | 12 |
| 51               | Objective target Plans PSM-5         | 5  |
| 52               | Audit and observation                | 12 |
| 53               | Policies and Principles              | 10 |
| 54               | Process Safety Information           | 8  |



|    |   |    |
|----|---|----|
| 55 | Motorcycle Safety                             | 10 |
| 56 | Construction Safety                           | 11 |
| 57 | Effective Communication                       | 12 |
| 58 | Goals, Objective and Plans                    | 11 |
| 59 | Audit and Observation                         | 5  |
| 60 | DuPont basics with respect to DuPont Audit    | 18 |
| 61 | Importance of PPEs                            | 10 |
| 62 | Construction Safety                           | 11 |
| 63 | Effective Communication                       | 12 |
| 64 | 3 <sup>rd</sup> Party Audit Awareness Session | 20 |
| 65 | Job Safety Analysis                           | 20 |
| 66 | Mechanical Integrity                          | 18 |
| 67 | Contractor Safety Management                  | 18 |
| 68 | 3 <sup>rd</sup> Party Audit Awareness Session | 19 |





#### **4.2. 3rd party Trainings**

Two days advance first aid training was conducted by the expert of Red crescent society Islamabad.

#### **4.3. Safety Tool Box Talk**

Safety is the core agenda of the TBTs to make workers aware of the hazards involved in the proposed activity and their possible management through ALARP (As Low as Reasonably Possible). In this year, TBT audit was also conducted by the HSE Section and Revised Work Plan (RWP) shared with the relevant sections for the improvement of the TBT activity. During month of January 2017, since annual maintenance was in progress, therefore, daily mass tool box talks were also conducted for all sections in which near miss, daily safety observations and best practices were shared with the staff for their awareness and learning. Daily safety champions were also rewarded during the tool box talks.

Mechanical Section conducted TBTs 222 times, C & I Section 205 times and Electrical Section 231 times in this year.



#### 4.4. Emergency Response Drill

Total four emergency evacuation drills have been carried out in this year.

Firefighting Training Conducted by Rescue 1122 Mirpur



Firestaid Training Conducted by Rescue 1122 Mirpur



#### 5. HSE Awareness Programs

##### 5.1. Health & Safety Posters

HSE Section display and communicate job specific and activity relevant notices / posters. This is a very effective tool and promotes health and safety awareness in employees, visitors and the public.

Health and Safety is our valuable asset and we believe that “one accident is because of too many near misses”. So, we highlight HSE issues through appropriate health and safety posters at designated places.



Often including a caricature, health and safety posters deliver health and safety message in an effective and memorable way. HSE Section display and communicate job specific and activity relevant notices / posters.



## **5.2. Safety Quotes**

Safety quotes / safety slogans play vital role in growing good safety communication at every workplace. It works and will always work. A word of caution could save thousands of lives.

In our Weekly Executive Meeting safety quotes are shared with all the participants. Safety quotes shared in this year with the staff are as under; Safety quotes / safety slogans play vital role in growing good safety communication at every workplace. A word of caution could save thousands of lives.

1. Risk takers are accident makers
2. If everything comes your way, you are in the wrong lane.
3. Better a thousand times careful than once dead.
4. The safety of people shall be the highest law.
5. Donate blood, but not on the roads
6. There is no safety in numbers, or in anything else
7. When you gamble with safety you bet your life
8. Apply your good attention to accident prevention
9. Wipe Up and avoid a Slip Up! Short cuts lead to deep cuts - Follow Procedures!
10. A mistake can cost you millions, but a lesson learnt can bring back billions
11. 'It's better to correct an unsafe friend than to bury one
12. 'When you gamble with safety you bet your life
13. 'Hearing protection is a sound investment"
14. "Know safety, no accident "
15. "Short cuts lead to deep cuts - Follow Procedures! "
16. "It's better to correct an unsafe friend than to bury one"
17. Short cuts lead to deep cuts - Follow Procedures!
18. 'It's better to correct an unsafe friend than to bury one
19. 'When you gamble with safety you bet your life
20. 'Hearing protection is a sound investment"
21. "Know safety, no accident "
22. "Short cuts lead to deep cuts - Follow Procedures! "
23. "It's better to correct an unsafe friend than to bury one"
24. Safety is our No1 Priority
25. Safety is No Accident
26. Take 5 and Stay Alive
27. The Key to Safety Is in Your Hands
28. No Safety, Know Pain
29. Safety Is a Choice You Make
30. A spill, a slip, a hospital trip

In each DLC also, workers share different safety quotes which are mentioned in the minutes of the meeting. A few safety quotes shared in the DLCs are given hereunder;

1. Safety glasses: All in favor say "Eye!
2. Safety first and last longer
3. Hear today gone tomorrow – use your hearing protection
4. Safety Shoes to House Your Toes; Safety Glasses on Your Nose
5. Don't get caught with your guard off – it could be disarming

6. A harness is better than a hearse
7. Stop accidents before they stop you
8. Accident prevention – Your No. 1 intention
9. Stay Alert – Don't Get Hurt
10. Respect the unexpected. Think through your risks."
11. Best gift you can give your family is YOU! Please be safe.
12. Safety is a fulltime job – don't make it a part time practice
13. Safety comes in a can, I can, you can, and we can be safe.
14. Electricity can turn you off Safety glasses: All in favour say "Eye!"
15. Safety rules are your best tools.
16. Stay Alert – Don't Get Hurt
17. You are looking at the person responsible for your safety (sticker on a bathroom mirror)

### 5.3. HSE Theme of the month

HSE have launch an awareness campaign with the title "HSE Theme of the Month". Following are the highlights of this month HSE campaign.

- ❖ Discussion about monthly theme in DLC meeting
- ❖ Awareness session on monthly theme by HSE section
- ❖ HSE will Share the flyers, videos regarding monthly theme
- ❖ MSA focus will be on monthly theme during work
- ❖ Display pictures and videos about monthly theme on HSE bulletin board





## Prevent Hearing Loss.



Protect your ears from loud sounds



Seek treatment if you have ear pain or other signs of infection



Ask your doctor if the medicines you are taking might affect your hearing



Hear  
the  
future

### 5.4. Housekeeping Competition

A housekeeping competition was also carried in this month.



### 5.5. HSE Event

HSE awareness and motivational event was arranged to acknowledge the efforts of the team and reward the best performers. Following are the highlights of the event;

- ❖ HSE awareness video show
- ❖ Presentation on HSE performance
- ❖ Prize distribution



### 5.6. Safety Week Celebrations;

A safety week has been celebrated from Mar 18-22, 2019 following activities have been performed in the week as per defined schedule;



## Safety Week 2019 Schedule

| Day | Date     | Time                | Location                | Activity  |
|-----|----------|---------------------|-------------------------|---|
| Mon | 18-03-19 | 9:00AM - 9:15AM     | Fountain Area           | Safety Week Opening Ceremony<br>Group Photo   |
|     |          | 9:15AM - 10:30AM    | Plant to Officer's Club | Safety Walk From Plant to Colony<br>Tree Plantation Officers Club backyard<br>Refreshments  |
|     |          | 04:00 PM - 04:30 PM | Work Shop               | Presentation on Dupont Element<br>"Quality Assurance" by Shahleeza<br>Murrawat Engineer Mechanical<br>Safety Quiz after Presentation    |
| Tue | 19-03-19 | 9:00AM - 5:00PM     | LEL Office              | Advance First Aid Training For<br>Selected Staff – PRC5   |
|     |          | 04:00 PM - 04:30 PM | Work Shop               | Presentation on Dupont Element "PSI"<br>by Mr. Abdul Wadood (SSCE)<br>Safety Quiz after Presentation                                    |
|     |          | 04:30 PM - 05:00 PM | Work Shop               | Presentation on Dupont Element<br>"Policies and Principals" by Iqra<br>Jahangir Executive Coordinator<br>Safety Quiz after Presentation |
| Wed | 20-03-19 | 9:00AM - 5:00PM     | LEL Office              | Advance First Aid Training – PRC5 ( For<br>Selected Staff Only)   |
|     |          | 04:00 PM - 04:30 PM | Work Shop               | Presentation on Dupont Element<br>"Mechanical Integrity" by Muhammad<br>Ajmal Shift Control Engineer<br>Safety Quiz after Presentation  |
|     |          | 04:30 PM - 05:00 PM | Work Shop               | Presentation on Dupont Element<br>"PSSR" by Hammad ur Rahman<br>Engineer C&I<br>Safety Quiz after Presentation                          |
| Thu | 21-03-19 | 10:00AM - 12:30PM   | Plant Area              | Firefighting and Rescue Drill in<br>Collaboration with Rescue 1122  |
|     |          | 16:00PM to 16:30PM  | Work Shop               | Sharing of off the Job safety Initiatives<br>by the staff   |
| Fri | 22-03-19 | 11:00AM to 11:30PM  | Work Shop               | Safety Week Closing Ceremony & Prize<br>Distribution  |





**Safety Week  
DAY 1**



Advance First Aid Training- Day 1

**Safety Week  
DAY 2**

DuPont Presentation on "process Safety Information" by Abdul Wadood (SSCE)



Advance First Aid Training- Day 2

**Safety Week  
DAY 3**

DuPont Presentation on "Mechanical Integrity" by Muhammad Ajmal (SCE)

DuPont Presentation on "Policies and Principles" by Iqra Jahangir (Exec. Cord.)





### 5.7. Contractor HSE Compliance

HSE team is fully committed to develop, promote and sustain a true safety culture at New Bong Escape Hydroelectric Power Plant (NBE HPP).

All contractor staffs who worked on the project have attended the HSE Induction sessions. During these induction sessions, all necessary topics relevant to their Job were also discussed, and the activities were completed in a safe manner.

Critical activities like; scaffolding erection and hot work are closely being observed by HSEQ department and the relevant maintenance staff. Necessary rectifications if desired, is immediately communicated to the contractor staff and compliance is ensured.

The largest contractor of the HPSL is the Zia Ul Haq & Sons (SZS) who serves the company through the provision of food, lauding, sweeping and waste removal. HSE team ensures the use of appropriate PPEs by the contractors all the time and where necessary.

HSEQ Section liaises with the (SZS) on day to day basis for food and hygiene improvement and PPEs compliance by SZS staff.

Besides that, on daily basis during TBT the best safety practitioner rewarding as well.

### 5.8. Daily Safety Champion:

During annual maintenance 2017-18 every day, HSE is participating in mass toolbox talk at workshop office area in which previous day safety related information and lesson learnt are shared and discussed with teams for their awareness and improvement in safety compliance.

Besides that, on daily basis during TBT the best safety practitioner rewarding as well.

## **6. Leading Indicators**

Leading safety measures are indicators of where the organization is heading; they are measures of future performance. Leading safety indicators are focused on improving safety performance for this purpose a new leading indicator is introduced at NBE HPP which Near Miss Compliance is. Set target for Near Miss Compliance is to declare 06 Near Misses in a month and all near misses should be reported by the line organization; this will draw the attention toward critical observation which may lead to any incident / accident.

Total compliance results of the Leading Indicators in this year was 84 %.

Quarterly breakdown is as follows;

| Quarter | Performance |
|---------|-------------|
| 1       | 89 %        |
| 2       | 91 %        |
| 3       | 92%         |
| 4       | 91 %        |
| Average | 91 %        |

## **7. HSE Audits / Inspections**

### **7.1. HSE Audits / Inspections**

Regular HSE audit / inspection of the plant area is conducted to ensure the procedural compliances. Shortcomings observed during the audit were conveyed to the concerned.

Following inspections / audits were carried out during the year on monthly basis:

1. Monthly Fire Extinguishers Inspection
2. First Aid Boxes Inspection
3. Inspection of the forklift truck
4. Safety audit of residential colony
5. PTW Audits
6. MSA by Laraib Energy Limited
7. Inspection of Contractor activities
8. Monitoring and commissioning of drainage pump
9. Inspection of Ambulance
10. Inspection of Scaffold
11. Third Party inspection of lifting tools

### **7.2. Third Party Audits / Inspections**

- Inspection of lifting equipment and lifting gears was carried out by TUV Rheinland Arabia according to standard requirement
- 3<sup>rd</sup> party environmental test was conducted by SGS Pakistan

## 8. Environmental Performance

### 8.1.1. General Waste:

| <i>Type</i>       | <i>No. of solid waste generated</i> | <i>Total weight of generated waste (Kg)</i> |
|-------------------|-------------------------------------|---|
| Used engine oil   | 669                                 | 669   |
| Cement/ Slag Bags | 66                                  | 66  |
| Waste Tires       | NIL                                 | NIL   |
| Used batteries    | NIL                                 | NIL   |
| <b>Total</b>      | <b>735</b>                          | <b>735</b>                                  |

### 8.1.2. Food Waste:

| <i>Description</i>    | <i>Tetra packs (Kg)</i> | <i>Plastic bags (Kg)</i> | <i>Paper (Kg)</i> | <i>Metal</i> | <i>Food (Kg)</i> |
|-----------------------|-------------------------|--------------------------|-------------------|--------------|------------------|
| Local Staff Mess hall | 30                      | 10                       | 10                | 0            | 30               |
| Offices               | 0                       | 4                        | 16                | 0            | 6                |
| Sub Total             | <b>30</b>               | <b>14</b>                | <b>26</b>         | <b>0</b>     | <b>36</b>        |
| <b>Total</b>          | <b>106 kG</b>           |                          |                   |              |                  |

### 8.1.3. Drinking Water Quality:

| <i>Parameters</i>     | <i>Unit</i> | <i>LOR</i> | <i>WHO Guideline</i> | <i>Test Results</i> |
|-----------------------|-------------|------------|----------------------|---------------------|
| <b>pH</b>             | -           | 0.10       | 6.5-8.5              | 7.25                |
| <b>TDS</b>            | mg/L        | 10.00      | <1000                | 548                 |
| <b>TSS</b>            | mg/L        | 4.00       | -                    | <0.5                |
| <b>Total Hardness</b> | mg/L        | 1.00       | -                    | 85                  |
| <b>Total Iron</b>     | mg/L        | 1.0        | -                    | <1.0                |
| <b>Arsenic</b>        | mg/L        | 0.005      | ≤0.05                | <0.005              |
| <b>Lead</b>           | mg/L        | 0.5        | ≤0.05                | <0.05               |
| <b>Lead</b>           | mg/L        | 0.01       | 0.01                 | ND                  |
| <b>Arsenic</b>        | mg/L        | 0.001      | 0.01                 | ND                  |
| <b>Cyanide</b>        | mg/L        | 0.05       | 0.07                 | ND                  |
| <b>Total Coliform</b> | MPN         | 0          | ND                   | ND                  |
| <b>E. Coli</b>        | MPN         | 0          | Absent               | Absent              |

\*TSS: Total Suspended Solids  
TDS: Total Dissolved Solids

LOR: Level of Reporting  
mg/l: Milligram Per Liter  
ND: Not Detected

#### 8.1.4. Waste Water Quality

| <i>Parameters</i>   | <i>Unit</i> | <i>LOR</i> | <i>Limits as per NEQS</i> | <i>Test Results</i> |
|---|-------------|------------|---------------------------|---------------------|
| <b>COD</b>  | mg/L        | 4.00       | 150                       | 73                  |
| <b>BOD</b>  | mg/L        | 5.00       | 80                        | 22                  |
| <b>Total Alkalinity (CO<sub>3</sub>, HCO<sub>3</sub>, OH)</b> | mg/L        | 4.00       |                           | <1.0                |
| <b>Chloride</b>   | mg/L        | 5.00       | 1000                      | 27.59               |
| <b>pH</b>   | -           | 0.10       | 6.0 – 9.0                 | 6.87                |
| <b>Oil &amp; Grease</b>                                       | mg/L        | 5.0        | 10                        | <5.0                |
| <b>Sulphates</b>  | Mg/L        | 0.5        | 27.59                     | 1000                |

#### 8.1.5. Vehicular Emission Testing

| <i>Parameters</i> | <i>Unit</i> | <i>Limits as per NEQS</i> | <i>Test Results</i> |
|-------------------|-------------|---------------------------|---------------------|
| <b>CO</b>         | %           | 6.0                       | 1.25                |
| <b>Noise</b>      | dB          | 85.0                      | 65.6                |
| <b>Smoke</b>      | R.M Scale   | 2.0                       | 0                   |



## 9. Labor relations and living conditions

The Contractor conducts medical examinations of all food handlers on annual basis. The examination conducted based on following parameters;

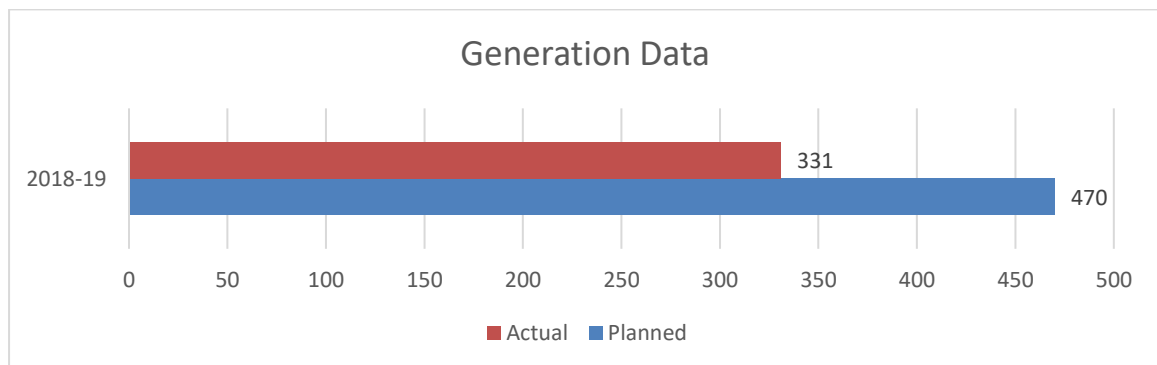
1. Hepatitis B&C,
2. Chest X-Ray,
3. Blood test.

The results showed absence of any contagious diseases in food handlers.

1. The Contractor has labor grievance re-dressal mechanism, but no grievance recorded since COD.
2. Keeping in view the Security of the staff, the Contractor issued service cards to its employees.
3. Water treatment plant has been installed at the power house building as per WHO standards. This provides clean drinking water not only to the staff on duty at the power house and contractors / sub-contractors but also for the staff residing at the housing colony.
4. The Contractor arranged for fumigation at housing colony and offices, in order to avoid mosquito breeding.

## 10. CO<sub>2</sub> Displacement by the Project

In this year net energy generated from NBE Power Complex is 331 GWh and plan was 470 GWh. NBE Power Complex generated less 141 GWh energy due to low hydrology. Monthly generation plan and actual graph is as follows;



This generation of 331 GWh from hydel energy has helped save 28,453 tons of oil equivalent which is beneficial both in terms of CO<sub>2</sub> displacement by the project and saving precious foreign reserves which would otherwise be consumed by importing furnace oil.

## 11. Corporate Social Responsibility /Community Welfare

CSR Plan 2018-19 status is attached as “Exhibit 02”. Picture of CRS project are as follows;

## **Exhibit 01 – ESOHS CAP**

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### Corrective Action Plan (CAP)

| No | Observation   | Recommendation   | Location       | Type of Violation | Month   | Source  | Responsibility  | Status | Target Date |
|----|---|--|----------------|-------------------|---------|---------|-----------------|--------|-------------|
| 1  | Door handle of security guard room found broken and repaired with inappropriate manner which could lead to an injury. | Proper repairing and fixing of damaged handle is required at the earliest.                 | Plant Entrance | UC                | July-16 | MSA     | Civil           | Closed | 7-Sep       |
| 2  | Spare Transformer ladder lock found in inappropriate condition.   | Needs to be replaced by a proper lock.   | EI 259         | UC                | July-16 | MSW     | Mechanical      | Closed | 10-Sep      |
| 3  | Use of extension wire is very common in the office  | Use of extension wires on permanent basis should be prohibited                             | EL 261         | UC                | July-16 | MSW     | Admin/BSS       | Closed | Oct-16      |
| 4  | Seepage Observed on Wall  | To be re- distempered  | EI 270         | UC                | July-16 | MSW     | Civil           | Closed | 15-Sep      |
| 5  | First Aid box is missing at 227 m.  | Provision of First Aid box at EL 227.  | EI 227         | UC                | July-16 | MSW     | HSE             | Closed | 26-Aug      |
| 6  | Evacuation from bulb nose in case of emergency.   | Rescue winch should be in place for evacuation   | EI 245         | UC                | July-16 | D-Level | HSE             | Closed | 1-Dec       |
| 7  | Snake bite kit.   | Snake bite kit should be provided for first aid.   | EI 255         | UC                | July-16 | D-Level | HSE             | Closed | 26-Aug      |
| 8  | Window blinds are damaged in the kitchen  | Should be repaired to avoid glare.   | EI 265         | UC                | July-16 | D-Level | Civil           | Closed | 26-Aug      |
| 9  | Poor Housekeeping, Hatch Covers paint faded.  | Needed to be repainted   | EI 245         | UC                | July-16 | MSW     | Civil           | Closed | 16-Aug      |
| 10 | Plastic sheet hung inappropriately on electrical units.   | Needs to be properly arranged for the subjected activity (In terms of any Leakage if any ) | EI 245         | UC                | July-16 | MSW     | Operation       | Closed | 30-Sep      |
| 11 | Washroom door Frame found corroded  | Needs to be repainted /rectified.  | EI 245         | UC                | July-16 | MSW     | Civil           | Closed | 15-Sep      |
| 12 | Aluminum made corner angle found extended   | Needs to be rectified  | EI 245         | UC                | July-16 | MSW     | Civil           | Closed | 20-Aug      |
| 13 | Tap Found not in use in warehouse office and it may hit someone leg   | Should be removed  | EI 251         | UC                | July-16 | MSW     | Warehouse (BSS) | Closed | 20-Dec      |
| 14 | Repaint is required on a wall in the staircase leading to Eel 227.  | Paint should be done.  | EI 227         | UC                | July-16 | MSW     | SAMBU           | Closed | 15-Sep      |
| 15 | Fluorescent arrow signs (will assist in emergency exit) needed in the stare case.                                     | Should be procured   | EI 227         | UC                | July-16 | MSW     | HSE             | Closed | 30-Sep      |
| 16 | Emergency Exit Lights are missing at Exit doors.  | Should be installed  | EI 227         | UC                | July-16 | MSW     | HSE             | Closed | 30-Oct      |
| 17 | Unprotected electric breaker was observed   | It should be properly enclosed with DB   | EI 227         | UC                | July-16 | MSW     | Electrical      | Closed | 1-Sep       |
| 18 | Hand railing found rusted   | Repainting is required   | EI 227         | UC                | July-16 | MSW     | SAMBU           | Closed |             |
| 19 | Fire Water hose cabinets requires cleaning.   | Cabinets should be kept clean and checked at regular intervals.                            | EI 259.9       | UC                | July-16 | MSW     | HSE             | Closed | 26-Aug      |

|    |  |   |  |               |         |     |             |        |        |
|----|--|---|--|---------------|---------|-----|-------------|--------|--------|
| 20 | Insulation of cable to AH baricks was found damaged  | Insulation of the cable must be ensured                         | Intake Area  | UC            | July-16 | MSW | Maintenance | Closed | 29-Aug |
| 21 | Fire extinguisher not fixed in the Hiace vans  | Fire extinguisher should be fixed properly                      | Ground Floor, Switchyard,<br>Stop log area, 3rd Floor, | UC            | July-16 | MSW | BSS         | Closed | 15-Sep |
| 22 | Foot mat was not at its place.   | Should be at the entrance.                                      | EL 245   | UC            | July-16 | MSW | BSS         | Closed | 15-Aug |
| 23 | Naked wires were observed near HVAC UNIT   | Wires must be terminated properly.                              | EL 245   | UC            | July-16 | MSW | Maintenance | Closed | 16-Aug |
| 24 | Poor housekeeping was observed in the HVAC room.   | It must be cleaned.   | EL 245   | UC            | July-16 | MSW | BSS         | Closed | 20-Aug |
| 25 | Mesh was displaced from the channel opening in the HVAC room.                              | Opening of channels should be coved otherwise pipe may choke.   | EL 245   | UC            | July-16 | MSW | BSS         | Closed | 29-Aug |
| 26 | Used cotton rag was lying on the pipe line. This shows our attention towards housekeeping. | Good housekeeping must be ensured after performing any job.     | EL 245   | UC            | July-16 | MSW | Maintenance | Closed | 20-Aug |
| 27 | PVC strips from the wall corners of washroom found detached and lying behind the door.     | These must be fixed or removed.                                 | EL 245   | UC            | July-16 | MSW | Civil       | Closed | 20-Aug |
| 28 | Housekeeping check list was not being updated.   | Must be checked and signed on daily basis..                     | EL 245   | UC            | July-16 | MSW | BSS         | Closed | 16-Aug |
| 29 | Rubber seal at the bottom of slow moving object store shutter was damaged.                 | Must be replaced.   | EL 245   | UC            | July-16 | MSW | Civil       | Closed |        |
| 30 | It is very difficult to open the shutter doors at Elevation 245.                           | The shutter doors must be provided with handle to open easily.. | EL 245   | UC            | July-16 | MSW | Operation   | Closed | 30-Sep |
| 31 | Caution tag was pasted on the air compressor.  | Keep it up!   | EL 245   | Good Practice | July-16 | MSW | HSE         | Closed |        |
| 32 | Light in the compressor room was out of order.   | It should be replaced.  | EL 245   | UC            | July-16 | MSW | Electrical  | Closed | 20-Aug |
| 33 | Fire extinguishers are being checked regularly on monthly basis.                           | Keep it up!   | EL 245   | Good Practice | July-16 | MSW | HSE         | Closed |        |

|    |  |   |        |    |         |     |            |        |        |
|----|--|---|--------|----|---------|-----|------------|--------|--------|
| 34 | Lights in the electrical room were out of order.                     | Electrical section should kept on checking and replace the damaged lights ASAP. | EL 245 | UC | July-16 | MSW | Electrical | Closed | 20-Aug |
| 35 | A panel was found with tags "under observation" from last 3 months.  | If PTW is closed then it must be removed.                                       | EL 245 | UC | July-16 | MSW | Operation  | Closed | 20-Aug |
| 36 | Wires are jumbled under BO's table along with poor house keeping.    | Good housekeeping must be ensured.  | EL 245 | UC | July-16 | MSW | Operation  | Closed | 26-Aug |
| 37 | Flange from the valve was dismantled and kept near the wires of DB.  | It must be fixed after proper rectification.                                    | EL 245 | UC | July-16 | MSW | Mechanical | Closed | 29-Aug |
| 38 | Many lights in the machine hall are out of order.                    | Must be replaced.   | EL 245 | UC | July-16 | MSW | Electrical | Closed | 20-Aug |
| 39 | Three panel doors are observed open as their locks are out of order. | These locks must be replaced.   | EL 245 | UC | July-16 | MSW | Operations | Closed | 1-Nov  |
| 40 | Cob webs were found.   | Should be cleaned according to regime.  | EL 245 | UC | July-16 | MSW | BSS        | Closed | 20-Aug |
| 41 | Poor housekeeping  |   | EL 245 | UC | July-16 | MSW | BSS        | Closed | 20-Aug |

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|----|--|--|-----------|----|---------|---------|------------|--------|--------|
| 42 | Huge amount of Trash found on the intake side.   | Should be removed.   | EL 255    | UC | July-16 | D-Level | Civil      | Closed | 26-Aug |
| 43 | Pole lights In Parking Area are out of order in Plant Premises.  | Pole lights need to be checked and rectified for problem on Monthly basis                    | EL 255    | UC | July-16 | D-Level | Electrical | Closed | 20-Aug |
| 44 | The safety railing along the NBE gates found broken from mostly places which could lead to serious accident. | The railing should be replaced on the priority basis so as to reduce the risk of accident.   | NBE Gates | UC | July-16 | D-Level | Operation  | Closed | 20-Feb |
| 45 | No First Aid Kit found in NBE Gates Control Room.  | The respective section should make its availability must as it's away from plant and medics. | NBE Gates | UC | July-16 | D-Level | HSE        | Closed | 29-Aug |
| 46 | No door handle has been installed on the main entrance door of compressor room.                              | A handle should be installed as it has been installed at GIS room entrance door.             | EI 245    | UC | July-16 | D-Level | LEL        | Closed | 30-Sep |
| 47 | Empty PET bottle used for door opening which was posing a tripping hazard.                                   | It must be removed   | EI 261    | UC | July-16 | MSA     | BSS        | Closed | 20-Aug |
| 48 | Spider web observed in firefighting room, situation better than previous but it needs more improvements.     | Good housekeeping must be ensured all the times.   | EI 271    | UC | July-16 | MSA     | BSS        | Closed | 20-Aug |

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|----|--|--|----------|----|-----------|-----|------------|--------|--------|
| 49 | It was observed that inspection validity of 10T chain block has been expired on April 28, 2016.<br>This equipment is installed in GIS room   | All chain blocks, slings and lifting devices should be certified by 3rd party on yearly basis (As per OSHA).             | EI 251   | UC | August-16 | MSA | HSE        | Closed | 30-Oct |
| 50 | Lock of main door of Security guard room 1 was found damaged and tied with wire. This observation has been highlighted several times in MSAs and security department submitted an application for rectification of lock a year back but still no action taken. | This is a very long pending issue and should be replaced on immediate basis.   | EI 255   | UC | August-16 | MSA | Civil      | Closed | 15-Oct |
| 51 | Binding wire was used with chain to barricade the transformer deck.  | Length of chain should be increased to barricade the area properly.  | EI 259.9 | UC | August-16 | MSA | Mechanical | Closed | 1-Sep  |
| 52 | Mosquitoes and other bio hazards were observed inside the security guard room 1 due to wire mesh missing on sliding window.  | Wire mesh should be installed on immediate basis to avoid bio hazards.   | EL 251   | UC | August-16 | MSA | Civil      | Closed | 30-Sep |
| 53 | It was observed that live electric wire passing through the sliding window which can cause electrocution in case of damage of insulation.  | Cable should be passing through the proper way and conduit. It should be done on immediate basis to avoid electrocution. | EI 255   | UC | August-16 | MSA | Electrical | Closed | 1-Oct  |
| 54 | Water drops were observed from AC near live electrical socket in security room 1 which can cause electrocution.  | Maintenance of AC is required to avoid water drops.  | EL 255   | UC | August-16 | MSA | Electrical | Closed | 15-Sep |
| 55 | A panel found open under the stature of first aid room which is electrical hazard.   | This door should be locked.  | EI 255   | UC | August-16 | MSA | Electrical | Closed | 15-Sep |

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| 56 | Pipe hole was not properly filled behind the HVAC unit in CCR to avoid the entrance of any bio hazard i.e. rodent, lizard in control room.                                      | These gaps should be filled with plaster of paris (POP).                | EI 265   | UC | August-16 | MSA | Electrical | Closed | 30-Sep |
| 57 | Computer and live extension was observed on the floor of library room which is electrical hazard as well as tripping hazard.  | Computer should be placed on the table.                                 | EI 265   | UC | August-16 | MSA | IT (BSS)   | Closed | 24-Sep |
| 58 | Damaged door closure was found on elevator room door at EI. 271.  | It should be rectified or replaced.                                     | EI 271   | UC | August-16 | MSA | Civil      | Closed | 22-Sep |
| 59 | Elevator Panel door was found open in elevator room which is the electrical hazard and have fatality potential.   | This panel should be lock so that unauthorized access would be avoided. | EI 271   | UC | August-16 | MSA | Electrical | Closed | 30-Sep |
| 60 | Some naked wires inserted into the UPS of Remote Siren Base DB which have the potential of electrocution. This observation was noticed on Jun 26, 2016 but no action taken yet. | Proper plug to be used to eliminate the hazard on immediate basis.      | EI 271   | UC | August-16 | MSA | Electrical | Closed | 30-Aug |
| 61 | Damaged flexible pipe was observed and naked wire was coming out from damages area near transformer No. 04 which is an electrical hazard.                                       | Replace flexible pipe to avoid any mishap.                              | EI 259.9 | UC | August-16 | MSA | Electrical | Closed | 10-Oct |
| 62 | Safety railing was missing from left bank of intake area which is a downing hazard. This issue has been communicated many time but no action taken.                             | Railing should be installed on immediate basis.                         | EI 255   | UC | August-16 | MSA | Mechanical | Closed | 30-Aug |

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| 63 | Tag was not found regarding warning of open cable which was lying on floor near intake stop log area.   | Tag should be installed immediately.  | EI 255 | UC            | August-16 | MSA | HSE         | Closed | 20-Sep |
| 64 | It was observed that 2 first aid incidents were not report to HSE. This observation was coming out from scanning of incidents register.   | This incident is declared as near miss.   | EI 255 | Near Miss     | August-16 | MSA | HSE         | Closed | 30-Aug |
| 65 | Welding technician found working in proper PPEs ensuring safe and controlled work environment at the workshop.  | To ensure Good practice on regular basis.   | EI 255 | Good Practice | August-16 | MSA | Mechanical  | Closed |        |
| 66 | Temporary Storage areas at the workshop were properly marked and barricaded.  | To ensure Good practice on regular basis.   | EI 255 | Good Practice | August-16 | MSA | Mechanical  | Closed |        |
| 67 | Water dispenser was found in unhygienic condition at workshop with water spillage at the workshop floor and lack of periodic sanitation Mechanicanism despite being highlighted repeatedly. | Develop sanitation regime & implement ASAP.   | EI 255 | UC            | August-16 | MSA | Maintenance | Closed |        |
| 68 | Guard Room No. 1 main door handle found damaged which may lead to serious injury while using.   | Replace door handle with new one ASAP.  | EI 255 | UC            | August-16 | MSA | Civil       | Closed |        |
| 69 | HVAC unit of Guard Room No. 1 was being worked on by Electrical Maintenance Staff without any PTW.  | Compliance to PTW system be ensured at all times, irrespective of time of day or scope of work. | EI 255 | UC            | August-16 | MSA | Electrical  | Closed | 25-Aug |

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| 70 | Insulation of wire improperly routed via open window of Guard Room No. 1 was damaged and in contact with metal window frame leading to a serious electrical hazard. | Damaged wire to be insulated and to be routed properly through duct. | EI 255    | UC            | August-16 | MSA | Electrical | Closed | 15-Oct |
| 71 | Mesh of Guard Room No. 1 north-east side window found ripped apart which is a potential biohazard   | Broken mesh to be fixed immediately.                                 | EI 255    | UC            | August-16 | MSA | Mechanical | Closed | 30-Sep |
| 72 | Worker on KPID wall was observed working with proper PPEs.  |  | KPID wall | Good Practice | August-16 | MSA | LEL        | Closed |        |
| 73 | Electrician working on KPID wall working with proper PPEs.  |  | KPID wall | Good Practice | August-16 | MSA | LEL        | Closed |        |
| 74 | Labour working on KPID wall working with proper PPEs.   |  | KPID wall | Good Practice | August-16 | MSA | LEL        | Closed |        |
| 75 | Door lock of security guard room No2 broken.  | Lock should be repaired by TNB                                       | EI 255    | UC            | August-16 | MSA | Civil      | Closed | 15-Oct |
| 76 | AC not in proper condition, tied with ropes.  | AC should be properly repaired and made in working condition.        | EI 255    | UC            | August-16 | MSA | Electrical | Closed | 30-Sep |



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| 77 | Electric heater being used at Security guard room No 2, use of this heater is totally unsafe.          | No such electric appliance should be used at guard rooms.                                    | EI 255 | UC            | August-16 | MSA | BSS         | Closed | 30-Sep |
| 78 | Electric heater being used at Room No 3 of officer residence.  | No such electric appliance should be used at colony rooms.                                   | OR     | UC            | August-16 | MSA | Maintenance | Closed | 30-Sep |
| 79 | Proper barricading observed at elevation 245m.   | Good practice needs to maintain.   | EI 245 | Good Practice | August-16 | MSA | Maintenance | Closed |        |
| 80 | The stairs in stair gallery were found wet which can lead to tripping hazard.                          | Stairs should be cleaned regularly and signage of wet floor should be displayed.             | EI 227 | UC            | August-16 | MSA | Maintenance | Closed | 30-Sep |
| 81 | Tools used during drainage pumps installation were found disorganized at elevation 227m.               | Proper housekeeping to be ensured while working to avoid any injury and damage to equipment. | EI 227 | UC            | August-16 | MSA | Mechanical  | Closed | 10-Sep |
| 82 | Welding, cutting and grinding was being performed in the passage way of the workers at elevation 227m. | Area should be barricaded for performing welding, cutting and grinding activity.             | EI 227 | UC            | August-16 | MSA | Mechanical  | Closed | 10-Sep |
| 83 | Damaged wooden cabinet found in kitchen at EI 265. Cabinet doors observed with fungal growth.          |  | EI 265 | UC            | August-16 | MSA | Civil       | Closed | 30-Sep |

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| 84 | Water dispenser placed at entrance of kitchen as a door stopper.  |                             | EI 265 | UC          | August-16 | MSA | BSS        | Closed |        |
| 85 | Ash pot was full of rain water which may serve as nursery for mosquito growth. This observation is repeatedly noted for last two months.              |                             | EI 270 | UC          | August-16 | MSA | BSS        | Closed |        |
| 86 | Wasp Nests were observed around the fire water tank at elevation 271 which is a Bio hazard. This observation is repeatedly noted for last two months. |                             | EI 270 | UC          | August-16 | MSA | BSS        | Closed |        |
| 87 | Unnecessary clip was observed in power house kitchen which can cause injury during routine job of kitchen staff.                                      |                             | EI 265 | UC          | August-16 | MSA | Civil      | Closed | 30-Sep |
| 88 | Cartridge changing date card found missing.   |                             | EI 265 | UC          | August-16 | MSA | HSE        | Closed | 30-Sep |
| 89 | ceiling frame found detached  | It should be properly fixed | EI 265 | UC          | August-16 | MSW | Civil      | Closed | 30-Sep |
| 90 | Panel lock found broken   | Lock should be replaced     | EI 265 | Observation | August-16 | MSW | Operations | Closed | 30-Oct |

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| 91 | Maximo comp. Server found lying on the floor                       | It should be kept at its proper placed or it should be baricadded.<br>Informed IT assistant to attend it .                      | El 265 | Observation | August-16 | MSW | IT (BSS)   | Closed | 15-Sep |
| 92 | The cabinets of kitchen mess are not properly fixed about to break | Need to be fix them properly or replace them  | El 265 | UC          | August-16 | MSW | Civil      | Closed | 30-Sep |
| 93 | Unsafe execution of Work . Tripping hazard                         | works should use prope PPES to avoid any tripping or slipping. The work is not being executed as per the recommendation of MOC. | El 255 | UC          | August-16 | MSW | LEL        | Closed | 15-Sep |
| 94 | Electricution hazard in mess                                       |   | EL 265 | UC          | August-16 | MSW | Electrical | Closed | 25-Sep |
| 95 | Chairs found broken in the mess                                    | Chairs should be repaired or replaced   | EL 265 | Observation | August-16 | MSW | BSS        | Closed | 15-Oct |
| 96 | Seepage found at the firefighting room                             | Water seepage needs to attend on permanent basis to avoide all unforeseen hazards   | El.274 | UC          | August-16 | MSW | Civil      | Closed | 10-Sep |
| 97 | Plastic sheet lying in smoking pot                                 | It should be disposed at proper place   | El.270 | UC          | August-16 | MSW | Civil      | Closed | 10-Sep |

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| 98  | Door opener closer found detached                        | It should be properly installed                             | El.270 | Observation   | August-16 | MSW | Civil       | Closed | 30-Sep |
| 99  | Cable trench cover found detached or not properly fixed  | It should be properly installed                             | El.270 | Observation   | August-16 | MSW | Civil       | Closed | 30-Sep |
| 100 | Termites nest found the PAX DP El 270                    | It should be properly cleaned                               | El 270 | Observation   | August-16 | MSW | C&I         | Closed | 15-Sep |
| 101 | Sign board of passengar elevator not found               | It should be fixed  | -      | Observation   | August-16 | MSW | Maintenance | Closed | 30-Aug |
| 102 | Plate of fire shutter is missing                         | Plate should be fixed                                       | El.251 | Observation   | August-16 | MSW | Civil       | Closed | 15-Oct |
| 103 | Plateform lying in GIS without barrication               | It should be placed at ts proper palce or baricade the area | El.251 | Observation   | August-16 | MSW | Electrical  | Closed | 20-Sep |
| 104 | Inspection of fire extinguisher is regularly carried out |   |        | Good practice | August-16 | MSW | HSE         | Closed |        |

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| 105 | Lifting equipment certification expired  | Certifiacton should be done on time                        | El.251     | UC          | August-16 | MSW | HSE        | Closed | 30-Oct |
| 106 | Sign should be removed from the wall as there ws no extinguisher found                             | Sign should be removed                                     | El.251     | Observation | August-16 | MSW | HSE        | Closed | 30-Sep |
| 107 | Cowebs are at the left side stairs   | Proper housekeeping should be practiced at all power house | El.245-251 | Observation | August-16 | MSW | BSS        | Closed | 30-Sep |
| 108 | Marking tape not found   | Yellow tape should be marked infront of mat                | El.245     | Observation | August-16 | MSW | HSE        | Closed | 30-Sep |
| 109 | Drip tray of diesel generator is full of water.  | The same was drain by BO                                   | El.245     | Observation | August-16 | MSW | operation  | Closed | 15-Sep |
| 110 | All official notice are paste on the wall at LCU-5   | All official documents must fix on Notice borad            | El.245     | Observation | August-16 | MSW | Operation  | Closed | 30-Oct |
| 111 | The emergency shower of battery bank room is hard to operate and seems to be not adjusted properly | The emergency shower must be operable all the time         | El.245     | Near Miss   | August-16 | MSW | Mechanical | Closed | 15-Sep |

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| 112 | The earth lead for the oil lines of unit-2 is disconnected         | It should be properly engaged               | El.245 | UC          | August-16 | MSW | Electrical | Closed | 30-Sep |
| 113 | The rubber seal of shutter door of compress room is out of order   | Needs to fix it properly                    | El.245 | Observation | August-16 | MSW | Mechanical | Closed | 10-Sep |
| 114 | The door shutter is slipped from its original position             | Needs to fix it properly                    | El.245 | Observation | August-16 | MSW | Mechanical | Closed | 30-Sep |
| 115 | Poor house keeping in water treatment plant                        | Proper cleaning required with some schedule | El.245 | UC          | August-16 | MSW | BSS        | Closed | 10-Sep |
| 116 | Door lock is out of order in WTP room                              | Need to replace                             | El.245 | UC          | August-16 | MSW | Mechanical | Closed | 30-Oct |
| 117 | Poor house keeping at El.259. near transformer deck area(AIS)      |   | El.259 | UC          | August-16 | MSW | BSS        | Closed | 30-Sep |
| 118 | The installed chain at entrance of AIS area is in the short length | Need to replace                             | El.259 | UC          | August-16 | MSW | Mechanical | Closed | 10-Sep |

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| 119 | Dust bin was miss placed from its designated location                                | The same dust bin was placed on its original location            | El.259   |               | August-16    | MSW | BSS           | Closed | 30-Aug |
| 120 | Poor house keeping at intake area  |  | El.259   | UC            | August-16    | MSW | LEL           | Closed | 10-Sep |
| 121 | Poor workman ship for the installation of supply connection for light at intake area | Needs to attend on emergency basis to avoid an short circuit etc | El.259   | UA            | August-16    | MSW | Electrical    | Closed | 30-Sep |
| 122 | Files Properly placed and tagged in the cupboard by Finance Section                  | Good House Keeping   | El 261   | Good Practice | September-16 | MSW | Finance (BSS) | Closed | 12-Sep |
| 123 | Foot matt frame found corroded.  | Needs to be Re- Painted.   | EL 259.9 | UC            | September-16 | MSW | Mechanical    | Closed | 15-Oct |
| 124 | Slogans found Ripped OFF because of Strong Winds                                     | Slogans need to be Re-Placed                                     | EL 259.9 | UC            | September-16 | MSW | HSE           | Closed | 24-Oct |
| 125 | Drain Holes for Roof Top found filled with shrubs/garbage. And Found Rusted          | Needs to be cleaned and re-painted properly                      | EL 259.9 | UC            | September-16 | MSW | Civil         | Closed | 15-Oct |

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| 126 | Marking of hatch covers is not done to avoid trip hazard. | To be done.   | EI 245         | UC            | September-16 | MSW | HSE        | Closed | 10-Oct |
| 127 | Sisor were missing in most of First aid boxes.            | Such practices must be avoided as it is an essential tool in the providing First Aid. | EI 245         | UC            | September-16 | MSW | BSS        | Closed | 30-Oct |
| 128 | Fire extinguisher inspected in Sep                        | Keep it up!   | All Elevations | Good Practice | September-16 | MSW | HSE        | Closed | 20-Sep |
| 129 | Dirty ceiling tile found due to leakage on it.            | Tile to be replaced and leakage must be rectified.                                    | EI 245         | UC            | September-16 | MSW | Civil      | Closed | 15-Sep |
| 130 | Area was not properly tapped                              | Needs to be properly tapped   | EI 245         | UC            | September-16 | MSW | HSE        | Closed | 30-Oct |
| 131 | Poor housekeeping in HVAC room.                           | Needs to be cleared and repainted   | EI 245         | UC            | September-16 | MSW | BSS        | Closed | 15-Sep |
| 132 | Improper removal of Barricading tape after use.           | Must removed properly always.   | EI 245         | UC            | September-16 | MSW | Mechanical | Closed | 15-Sep |



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| 133 | All the cables are tagged properly                | Good Practice                           | EI 245   | Good Practice | September-16 | MSW | Operation   | Closed | 15-Sep |
| 134 | Notice Board is Not Updated                       | Should be Updated & Monitored Regularly | EI 245   | UC            | September-16 | MSW | BSS         | Closed | 15-Sep |
| 135 | Waste Bin without Cover                           | Waste Bin Should be with Cover          | EI 265   | UC            | September-16 | MSW | BSS         | Closed | 15-Nov |
| 136 | Light Out of Order at Unloading Bay               | Light should be repaired                | EI 251   | UC            | September-16 | MSW | Maintenance | Closed | 30-Oct |
| 137 | Stairs Leading towards emergency exit found dirty | Should be Cleaned                       | EI 245   | UC            | September-16 | MSW | BSS         | Closed | 15-Oct |
| 138 | Marking Tape is Blurred                           | Area should be re-taped                 | EI 61    | UC            | September-16 | MSW | HSE         | Closed | 1-Oct  |
| 139 | Lot of dust accumulated in the hose reel cabinet. | Needs cleaning                          | EI 259.9 | UC            | September-16 | MSW | BSS         | Closed | 20-Oct |

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| 140 | Fire Fighting Hose Reel Lock Damaged near head race stop log area   | Lock should be replaced  | EI 255 | UC            | September-16 | MSW | Mechanical | Closed | 15-Nov |
| 141 | Though trash was removed along with the trash removal activity from intake side of Unit 1 but some of the trash is still there. | It must be removed on immediate basis.   | EI 255 | UC            | September-16 | MSW | Civil      | Closed | 30-Oct |
| 142 | Cable trench of Gantry Crane is observed to be very dirty.  | Standard housekeeping practices must be adopted.   | EI 255 | UC            | September-16 | MSW | Civil      | Closed | 30-Oct |
| 143 | Indication light of the 3 Exit lights in the stairs was not working.  | It should be in working condition for illumination of stairs in black out/emergency, if any. | EI 245 | UC            | September-16 | MSW | Electrical | Closed | 1-Oct  |
| 144 | Two tube lights found tilted.   | Should be properly clamped.  | EI 227 | UC            | September-16 | MSW | Electrical | Closed | 1-Oct  |
| 145 | No litter found on the floor  | Good practice  | EI 227 | Good Practice | September-16 | MSW | BSS        | Closed | 15-Sep |
| 146 | Electrical wire protecting pvc pipe was found broken  | PVC pipe should be replaced  | EI 227 | UC            | September-16 | MSW | Electrical | Closed | 1-Oct  |

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| 147 | Electric cable drenched into water and not protected                       | Should be prevented from leakages                      | El 227 | UC            | September-16 | MSW | Electrical | Closed | 15-Oct |
| 148 | Lock has not been applied as per LOTO procedure.                           | The switch should be locked & tagged properly.         | El 227 | Good Practice | September-16 | MSW | Electrical | Closed | 15-Sep |
| 149 | Improper shape of LOTO system.   | Appropriate lock system (with cover) should be applied | El 227 | UC            | September-16 | MSW | Operation  | Closed | 15-Nov |
| 150 | Studs protruding out from the floor at EL 227. Trip hazard                 | Floor should be clear.                                 | El 227 | UC            | September-16 | MSW | Mechanical | Closed | 30-Oct |
| 151 | Electrical cable is suspending overhead                                    | It should be properly clamped                          | El 227 | UC            | September-16 | MSW | Electrical | Closed | 15-Oct |
| 152 | Poor housing keeping in Elevator Room                                      | Good housekeeping should be maintained at all times    | El 271 | UC            | September-16 | MSW | BSS        | Closed | 1-Oct  |
| 153 | First Aid cabinet at Elev. 271 is not properly equipped, Sissor is missing | Must be placed   | El 271 | UC            | September-16 | MSW | BSS        | Closed | 1-Oct  |

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| 154 | Water leakage has been observed from Valve in Fire Fighting Room (ELV 271)   | Valve needs to be checked and leakage should be rectified   | EI 271 | UC | September-16 | MSW | Mechanical | Closed | 20-Sep |
| 155 | Tripping hazard in elevator room.  | Must be tapered with cement   | EI 271 | UC | September-16 | MSW | Civil      | Closed | 15-Nov |
| 156 | Poor housing keeping in Elevator Room  | Good housekeeping should be maintained at all times   | EI 271 | UC | September-16 | MSW | BSS        | Closed | 20-Sep |
| 157 | It was observed that inspection validity of 10T chain block has been expired on April 28, 2016. This equipment is installed in GIS room. This observation was also raised in last month but no action taken yet. | All chain blocks, slings and lifting devices should be certified by 3rd party on yearly basis (As per OSHA).  | EI 251 | UC | September-16 | MSA | HSE        | Closed | 30-Oct |
| 158 | Two DCP fire extinguishers were observed at elevation 271 which are not inspected as per standard frequency.   | 271 which are not inspected as per standard frequency. Inspection should be done on immediate basis and Inspection regime of all safety equipment should be followed religiously. | EI 271 | UC | September-16 | MSA | HSE        | Closed | 20-Oct |
| 159 | Hatch cover of unit I was removed two months back and not put in place yet. This situation increasing the noise level of EI. 245   | Hatch cover should be placed if necessary rectification work has been done.   | EI 245 | UC | September-16 | MSA | Mechanical | Closed | 15-Nov |
| 160 | Cable trench door was found open near air compressor which is a falling hazard.  | All cable trench doors should be closed to avoid fall from height.  | EI 245 | UC | September-16 | MSA | Mechanical | Closed | 15-Nov |

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| 161 | Spider net was observed in hose pipe cabinet at El. 259 and this fire fight equipment is not a part of any inspection regime.  | Cleaning should be done on immediate basis and checklist must be prepared according to OSHA. | El 259         | UC | September-16 | MSA | BSS        | Closed | 10-Oct |
| 162 | During audit an unsafe scaffold was observed with the yellow tag near transformer No. 5. Although peoples are not working on it but it is unsafe and should be red tagged.                           |  | El 259         | UC | September-16 | MSA | HSE        | Closed | 30-Sep |
| 163 | It was observed that an electric cable was coming out from DB and lying on ground.   | It should be buried to avoid electrical hazard.  | El 259         | UC | September-16 | MSA | Electrical | Closed | 30-Oct |
| 164 | Sharp edges were observed in shutter which is a hazard with most likelihood and have a potential of serious injury.  | All sharp edges from shutter door should be removed ASAP.                                    | El 245         | UC | September-16 | MSA | Mechanical | Closed | 30-Oct |
| 165 | Emergency exit near unit IV was found permanently closed due to damaged lock of exit door.   | Lock should be replaced immediately.   | El 245         | UC | September-16 | MSA | Mechanical | Closed | 15-Oct |
| 166 | Water dispenser was found in unhygienic condition in work shop and admin hall and there is no periodic sanitation Mechanicanism of exist which can cause multiple health diseases. (Carry Forwarded) | Develop sanitation regime and implement ASAP.  | El 255, EL 265 | UC | September-16 | MSA | BSS        | Closed | 1-Nov  |
| 167 | A lot of mud and stagnant water was observed under the tanks of water treatment plant at El. 245. This observation is repeatedly noted for last two months (Carry Forwarded)                         | Proper housekeeping required.  | El 245         | UC | September-16 | MSA | BSS        | Closed | 15-Oct |

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|-----|--|--|----------------|----|--------------|-----|-----------------|--------|--------|
| 168 | Rusty door frame observed in fire pump room.<br>It should be painted ASAP. (Carry Forwarded)   |  | EI 271         | UC | September-16 | MSA | Mechanical      | Closed | 20-Nov |
| 169 | Wasp Nests were observed around the fire water tank at elevation 271 which is a Bio hazard. This observation is repeatedly noted for last two months. (Carry Forwarded)          |  | EI 271/EI 259  | UC | September-16 | MSA | HSE             | Closed | 20-Oct |
| 170 | A lot of waste material and used oil drums were found in front of old Andritz warehouse.<br>This observation is repeatedly communicated for last three months. (Carry Forwarded) |  | Gate 2         | UC | September-16 | MSA | Civil           | Closed | 1-Nov  |
| 171 | Mud and dried debris observed at elevation 271 near HVAC units.  |  | EI 271         | UC | September-16 | MSA | BSS             | Closed | 20-Oct |
| 172 | Surgical scissors missing (reportedly stolen) from all first aid boxes.  |  | All Elevations | UC | September-16 | MSA | BSS             | Closed | 15-Nov |
| 173 | Housekeeping of workshop was not up to the mark.<br>SS should be impleted.   |  | EI 255         | UC | September-16 | MSA | Mechanical      | Closed | 20-Oct |
| 174 | Tap was found in a passage way of warehouse officer which is a tripping hazard.  |  | EI 251         | UC | September-16 | MSA | Warehouse (BSS) | Closed | 20-Dec |

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| 175 | A damaged door closer was observed in block operator room.  |  | EI 245   | UC | September-16 | MSA | Mechanical | Closed | 20-Oct |
| 176 | Emergency exit near unit IV was found permanently closed due to damaged lock of exit door.  |  | EI 245   | UC | September-16 | MSA | Mechanical | Closed | 20-Oct |
| 177 | Rusted hand-railing at elevation 227  |  | EI 245   | UC | September-16 | MSA | SAMBU      | Closed | -      |
| 178 | Waste observed near transformer No. 5 at El. 259  |  | EI 259.9 | UC | September-16 | MSA | Civil      | Closed | 20-Oct |
| 179 | Water puddles were observed on the floor of transformer deck.   |  | EI 259.9 | UC | September-16 | MSA | BSS        | Closed | 1-Oct  |
| 180 | Waste observed out side the waste bin near workers residence in colony and waste bin empty which shows the poor attitude towards cleanliness. |  | Colony   | UC | September-16 | MSA | BSS        | Closed | 1-Oct  |
| 181 | Wild growth observed at different areas of colony.  |  | Colony   | UC | September-16 | MSA | Civil      | Closed | 25-Oct |

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| 182 | Access to the fire extinguisher is blocked. | Need shifting of Ladders.         | EI 255 | UC | October-16 | MSW | Electrical | Closed | 10-Oct |
| 183 | Improper Storage of Materials               | Need storage at designated place. | EI 255 | UC | October-16 | MSW | Electrical | Closed | 20-Oct |
| 184 | Compressed Gas Cylinder without cap.        |                                   | EI 255 | UC | October-16 | MSW | Electrical | Closed | 20-Oct |
| 185 | Poor Housekeeping & Improper Storage.       |                                   | EI 255 | UC | October-16 | MSW | Electrical | Closed | 24-Oct |
| 186 | Housekeeping needs improvement.             |                                   | EI 255 | UC | October-16 | MSW | Electrical | Closed | 20-Oct |
| 187 | Cobwebs spread along the walls in workshop. |                                   | EI 255 | UC | October-16 | MSW | Electrical | Closed | 20-Oct |
| 188 | Filled Trash Bin needs disposal             |                                   | EI 255 | UC | October-16 | MSW | Electrical | Closed | 26-Oct |



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| 189 | Material storage needs improvements inside CCCT room store.  |  | EI 255 | UC | October-16 | MSW | Electrical | Closed | 30-Oct |
| 190 | Electric cable routed along the door (Metal) electrocution risk.   |  | EI 255 | UC | October-16 | MSW | BSS        | Closed | 30-Oct |
| 191 | Fire Extinguisher found expired in electrical room.  |  | EI 255 | UC | October-16 | MSW | Electrical | Closed | 15-Oct |
| 192 | Door closer found damaged (CCTV Room)  |  | EI 255 | UC | October-16 | MSW | BSS        | Closed | 20-Dec |
| 193 | Instead of proper display buried cable caution sign found lying on the ground.(Intake Stop Log Area)(LEL). |  | EI 255 | UC | October-16 | MSW | LEL        | Closed | 30-Oct |
| 194 | Fire Hose cabinet lock found damaged.  |  | EI 255 | UC | October-16 | MSW | Mechanical | Closed | 30-Oct |
| 195 | Dust found in the medicine shelves   |  | EI 255 | UC | October-16 | MSW | Electrical | Closed | 24-Oct |

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| 196 | window blinds found damaged at EL 265.  |  | El 255 | UC | October-16 | MSW | Electrical | Closed | 30-Oct |
| 197 | No segregation of materials, Need Housekeeping. (Workshop)  |  | El 255 | UC | October-16 | MSW | Electrical | Closed | 30-Oct |
| 198 | Towel found dirty in toilets at EL 255. Towel is not recommended for multiple users as it could be the cause of spread of contagious diseases (occupational Health Issues). |  | El 255 | UC | October-16 | MSW | BSS        | Closed | 30-Oct |
| 199 | Door Closer found damaged (LCU5)  |  | El 245 | UC | October-16 | MSW | Electrical | Closed | 30-Oct |
| 200 | Access ladder support found damaged, serious potential of fall hazard. (Unit 2 Turbine Housing Area).   |  | El 245 | UC | October-16 | MSW | Electrical | Closed | 10-Nov |
| 201 | Protrusion hazard, unused protruded bolts in transformer deck area.   |  | El 245 | UC | October-16 | MSW | Mechanical | Closed | 10-Nov |
| 202 | Trash heap lying in the intake area, need disposal.   |  | EL 255 | UC | October-16 | MSW | Electrical | Closed | 1-Nov  |

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| 203 | The cover of box is not properly fixed.                             | The cover needs to be fixed properly to avoid any injury from nails. | EI 251 | Observation  | October-16 | MSW | Maintenance     | Closed | 20-Oct |
| 204 | Tube lights found fused   | Tube lights need to be replaced with new one                         | EI 251 | Observation  | October-16 | MSW | Electrical      | Closed | 20-Dec |
| 205 | Strip is not properly fixed to the box                              | Strip need to be fixed properly.                                     | EI 251 | Observation  | October-16 | MSW | Warehouse (BSS) | Closed | 30-Oct |
| 206 | Unwanted Nuts and bolts installed on the wall outside of ware house | Nuts and bolts need to be removed from wall                          | EI 251 | Observation  | October-16 | MSW | Warehouse (BSS) | Closed | 30-Dec |
| 207 | Broken ratchet of safety helmet                                     | Ratchet/ Helmet needs to be replaced with new one                    |        | Observation  | October-16 | MSW | HSE             | Closed | 16-Dec |
| 208 | Cowwebs are found at the roof near GIS                              | Ensure proper housekeeping should be done at all plant area          | EI 251 | Observations | October-16 | MSW | BSS             | Closed | 1-Nov  |
| 209 | Dirty floor of GIS  | Ensure proper housekeeping should be done at all plant area          | EI 251 | Observations | October-16 | MSW | BSS             | Closed | 1-Nov  |

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|-----|---|---|--|--------------|------------|-----|-------------|--------|--------|
| 210 | Unwanted Nuts and bolts installed on the wall of energy meter room                                | Nuts and bolts needs to be removed from wall  | EI 251   | Observations | October-16 | MSW | Operations  | Closed | 30-Dec |
| 211 | Inspection card is not placed for FM 200 cylinders  | Inspection card should be placed for all FM 200 gas cylinders like for Fire extinguishers   | All elevations where fm 200 cylinders are placed | Observations | October-16 | MSW | HSE         | Closed | 30-Dec |
| 212 | Dirty floor inside the GIS Poorhouse keeping  | Ensure proper housekeeping should be done at all plant area. Schedule needs to be in placed for proper cleaning of all elevations | EI 251   | Observation  | October-16 | MSW | BSS         | Closed | 20-Nov |
| 213 | Leakage of oil from overhead crane  | Tray should be kept under the crane   | EI 255   | UC           | October-16 | MSW | Maintenance | Closed | 20-Nov |
| 214 | Tag ( Only Authorised person/ can use) found missing on SF 6 recovery gas unit .broken lock found | Tags should be pasted for the equipment to avoid any mishap. Lock should be replaced  | EI 251   | Observation  | October-16 | MSW | HSE         | Closed | 20-Nov |
| 215 | operating device /valve/handle SF6 recovery gas unit found broken                                 | It should be properly replaced/fixed.   | EI 251   | Observation  | October-16 | MSW | Maintenance | Closed | 30-Dec |
| 216 | Cable of SF6 recovery gas unit found without switch.  | Cables should be properly Switched.   | EI 251   | Near Miss    | October-16 | MSW | Maintenance | Closed | 15-Nov |

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|-----|--|---|--------|-------------|------------|-----|-------------|--------|--------|
| 217 | Cowebbs are found at the roof of stairs at left side of power house      | Ensure proper housekeeping should be done at all plant area               | EI 251 | Observation | October-16 | MSW | Maintenance | Closed | 10-Nov |
| 218 | Lock of fire cabinet found broken installed behind the LCU of unit 4     | It should be properly replaced/fixed.                                     | EI 255 | Observation | October-16 | MSW | Maintenance | Closed | -      |
| 219 | Reubber sleeve is missing on the angle iron of cable trench              | Rubber sleeve should be installed to avoid any mishap                     | EI 245 | UC          | October-16 | MSW | Maintenance | Closed | 30-Dec |
| 220 | Door Lock is out of order. Unit-4 back side panel                        | Need to Replace with new  | EI.245 | UC          | October-16 | MSW | Operations  | Closed | 20-Dec |
| 221 | Door Lock is out of order. Front door                                    | Need to Replace with new  | EI.245 | UC          | October-16 | MSW | Maintenance | Closed | 20-Nov |
| 222 | The protection cover of MCCB breaker is not installed since comissioning | Emergency switch protection cover should be installed to avoid any mishap | EI.245 | Near Miss   | October-16 | MSW | Maintenance | Closed | -      |
| 223 | Tube lights found fused in battery room                                  | Tube lights needs to be replaced with new one                             | EI.245 | Observation | October-16 | MSW | Maintenance | Closed | 30-Dec |

|     |   |   |        |             |            |     |             |        |        |
|-----|---|---|--------|-------------|------------|-----|-------------|--------|--------|
| 224 | Barrication tape and safe guard pipe were found after completion of work  | It should be removed after completion of work                                   | El.245 | Observation | October-16 | MSW | Operation   | Closed | 10-Nov |
| 225 | The cover on hole near Excitation Transformer-2 is missing  | Needs to cover to avoid any fall protection                                     | El.245 | Observation | October-16 | MSW | Maintenance | Closed | 10-Nov |
| 226 | Unit-1 Governor panel door lock is out of order   | Need to Replace with new  | El.245 | Observation | October-16 | MSW | Operations  | Closed | 20-Dec |
| 227 | Cowwebs are found at the erection area of machine hall  | Ensure proper housekeeping should be done at all plant area                     | El 255 | Observation | October-16 | MSW | BSS         | Closed | 10-Nov |
| 228 | Drain found clogged at water treatment plant room   | Drain should be cleaned   | El 255 | Observation | October-16 | MSW | Maintenance | Closed | 20-Nov |
| 229 | Cable of mobile oil handling unit is not properly fixed   | It should be fixed properly   | El 255 | Observation | October-16 | MSW | Maintenance | Closed | 15-Nov |
| 230 | Fire extinguisher lock pin seal was found missing, anyone can pull the lock pin and use fire extinguisher even an untrained person can use it which will be harmful for him. Also inspection tags were not up to date | Inspection should be done on monthly basis to avoid happening of such incidents | Mess   | Observation | October-16 | MSA | HSE         | Closed | 10-Nov |

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|-----|--|--|------------|-------------|-------------|-----|------------|--------|--------|
| 231 | Wooden box was found lying on the floor in MT's room which can cause tripping hazard   | Wooden boxes should be stored and housekeeping to be ensured.  | LEL Office | Observation | October-16  | MSA | LEL        | Closed | 10-Nov |
| 232 | Stapler was found lying on the floor of server room which is a tripping hazard   | Stapler should be stored at designated place   | LEL Office | Observation | October-16  | MSA | LEL        | Closed | 1-Nov  |
| 233 | Key chains were placed on telephone rack which is not the proper place for keeping the keys                                      | Keys should be hanged on the key holder so that it is accessible by every one                                      | LEL Office | Observation | October-16  | MSA | LEL        | Closed | 1-Nov  |
| 234 | A section on the wall was found damaged and electric wires are hanging from the damaged section which can lead to electric shock | Damaged section of the wall should be repaired to avoid electric shock   | LEL Office | Observation | October-16  | MSA | LEL        | Closed | 1-Nov  |
| 235 | Server door was found open which can cause injury to the person using server. Also, wiring of server is in access of every one   | Server door should be kept close all the times to ensure safety of the server and the person working on the server | LEL Office | Observation | October-16  | MSA | LEL        | Closed | 10-Nov |
| 236 | Trash Found in Drain Line behind vehicle parking   | It should be properly cleaned at daily basis   | EI 255     | Observation | November-16 | MSW | Admin      | Closed | 20-Nov |
| 237 | Pipes/Cables were not properly rolled in workshop  | It should be properly rolled and placed at designated area.Can be tripping Hazard                                  | EI 255     | UC          | November-16 | MSW | Mechanical | Closed | 10-Nov |

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|-----|--|---|--------|-------------|-------------|-----|-------------|--------|--------|
| 238 | Steel dust found near grinding/cutting Machine in workshop   | It Should be properly cleaned after completing work | El 255 | Observation | November-16 | MSW | Mechanical  | Closed | 15-Nov |
| 239 | Tools and material were not at their designated places   | It should be properly placed at designated places   | El 255 | UC          | November-16 | MSW | Mechanical  | Closed | 15-Nov |
| 240 | Erection devices were not at their designated place  | It should be properly placed at designated places   | El 245 | Observation | November-16 | MSW | Maintenance | closed | 15-Feb |
| 241 | Safety glass of pressure guage is broken in compressor room  | Safety glass should be repaired or changed          | EL 245 | Observation | November-16 | MSW | C&I         | Closed | 25-Dec |
| 242 | Doors are not cleaned properly   | Doors should be cleaned                             | EL 245 | Observation | November-16 | MSW | Admin       | Closed | 15-Dec |
| 243 | There is not any communication device inside the battery room as , if someone trapped inside then there is not any mode of communication | PABX/PAX Set should be installed here               | El 245 | Observation | November-16 | MSW | Operations  | Closed | 28-Feb |
| 244 | Cob webs found around lights in machine hall   | Lights should be properly cleaned                   | El 245 | Observation | November-16 | MSW | Operations  | Closed | 30-Dec |



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|-----|---|---|--------|-------------|-------------|-----|------------|--------|--------|
| 245 | Base of daily tank of DG set was not cleaned  | It Should be cleaned properly   | EI 245 | Observation | November-16 | MSW | Mechanical | Closed | 20-Dec |
| 246 | Safety Practices are checked during load testing of overhead cranes                           | Area should be properly barricaded, and no one allowed to enter except rigger | EI 245 | Observation | November-16 | MSW | Mechanical | Closed | 20-Nov |
| 247 | Door at elevation 270 was open  | It should be closed   | EI 270 | Observation | November-16 | MSW | Operation  | Closed | 20-Nov |
| 248 | Safety Locks of fire fighting tank are rusty  | Lock should be changed  | EI 270 | UC          | November-16 | MSW | Operation  | Closed | 30-Dec |
| 249 | Drain valve of fire fighting tank is not locked   | Drainage valve should be properly locked                                      | EI 270 | UC          | November-16 | MSW | Operation  | Closed | 10-Jan |
| 250 | Empty wasp nests found at fire fighting tank  | It should be removed  | EI 270 | Observation | November-16 | MSW | Admin/HSEQ | Closed | 25-Dec |
| 251 | Monkey Ladder is not at proper height and due to less than man height can be cause of injury. | It should be modified to address the issue                                    | EI 270 | Near Miss   | November-16 | MSW | HSE        | Closed | 20-Feb |

|     |  |                                    |             |    |             |     |               |        |        |
|-----|--|------------------------------------|-------------|----|-------------|-----|---------------|--------|--------|
| 252 | Racks in workshop are not properly labelled  | It should be properly labelled     | El 255      | UC | November-16 | MSW | Mechanical    | Closed | 30-Dec |
| 253 | Protective shield is found broken on home made electrical panel being used in workshop | Protective sheet must be replaced. | El 265      | UC | November-16 | MSW | Maintenance   | Closed | 30-Dec |
| 254 | Spray bottle is being used as door stopper   | Light should be repaired           | El 251      | UC | November-16 | MSW | Admin         | Closed | 15-Nov |
| 255 | Water spillage in HVAC room, slip hazard   | Ensure timely cleaning of area     | HVAC Room   | UC | November-16 | MSW | Operations    | Closed | 30-Nov |
| 256 | Improper storage of tools.Tools left at site   | Tools must be kept in the tool box | EL 227      | UC | November-16 | MSW | Mechanical    | Closed | 15-Nov |
| 257 | Scaffolding Inspection Tag found expired   | Update the inspection tag          | El 227      | UC | November-16 | MSW | Operation/HSE | Closed | 15-Nov |
| 258 | Trash found lying in the intake area   | Ensure timely disposal of trash    | Intake Area | UC | November-16 | MSW | Civil         | Closed | 30-Nov |

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|-----|---|--|----------------------|----|-------------|-----|------------|--------|--------|
| 259 | Improper storage of barricading post and chain links  | Make arrangements for proper storage of material | Machine Hall         | UC | November-16 | MSW | Mehanical  | Closed | 30-Dec |
| 260 | Intake hatch area found without barricading   | Keep the barricading close                       | Intake Area          | UC | November-16 | MSW | Operation  | Closed | 15-Nov |
| 261 | A broken chair is found in the intake area  | Remove the broken chair                          | Intake Area          | UC | November-16 | MSW | Operation  | Closed | 15-Nov |
| 262 | Trash is found in the parking area  | Ensure housekeeping                              | Parking              | UC | November-16 | MSA | Admin      | Closed | 15-Nov |
| 263 | Light in the electrical room was out of order.  | Replacement of light is required                 | Electrcal Room 2     | UC | November-16 | MSA | Operation  | Closed | 30-Dec |
| 264 | Improper stacking of materials in the warehouse,serious potential of falling of objects leading to any injury | Ensure proper stacking of materials              | Warehouse            | UC | November-16 | MSA | Wahrehouse | Closed | 30-Dec |
| 265 | Poor housekeeping in the waste water treatment area   | Ensure proper housekeeping                       | Waste Treatment Area | UC | November-16 | MSW | Operation  | Closed | 30-Nov |

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|-----|--|---|----------------|----|-------------|-----|------------|--------|--------|
| 266 | Dust is observed in the First Aid Box in machine hall  | Proper cleaning required during the weekly inspections                          | Machine Hall   | UC | November-16 | MSW | HSEQ       | Closed | 15-Nov |
| 267 | Area is found barricaded with tape without signage, No activity was in progress  | To make people aware of hazards signage must be displayed along the tape.       | Workshop       | UC | November-16 | MSW | Mechanical | Closed | 15-Nov |
| 268 | Cigarette butts and empty packet was observed near new guard room.   | Cigarette butts and empty packet should be removed immediately.                 | New Guard Room | UC | November-16 | MSA | BSS        | Closed | 30-Nov |
| 269 | A worker was cleaning the floor of workshop without ear plug during grinding activity  | PPEs are mandatory while cutting and / or grinding job is going on in workshop. | Workshop       | UA | November-16 | MSA | BSS        | Closed | 24-Nov |
| 270 | An electrician was observed in workshop who was carrying seven tools in his left hand rather than using the tool bag/box. Which can cause hand injury due sharp ends of screw drivers. | He was advised to use tool bag and this point was closed at the spot.           | Workshop       | UA | November-16 | MSA | Mechanical | Closed | 24-Nov |
| 271 | A welder found with complete PPEs though he was not using the vent blower which is mandatory for exhaust of welding/cutting fumes.   | He was advised to use the blower, Immediately.                                  | Workshop       | UA | November-16 | MSA | Mechanical | Closed | 24-Nov |
| 272 | Empty mineral water bottle found on working table in workshop.   | workshop.<br>Bottle was immediately removed.                                    | Workshop       | UC | November-16 | MSA | Mechanical | Closed | 24-Nov |

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|-----|---|---|--------|----|-------------|-----|-------------|--------|--------|
| 273 | Foot mats with the metallic frames still not removed from El. 227, El-245 and water treatment plant.                                | Remove all the foot mats from plant to avoid tripping hazard. | El 227 | GP | November-16 | MSA | HSE         | Closed | 20-Nov |
| 274 | Corrosion was observed on header of pipeline at El-227.   | Painting should be done.                                      | El 227 | UC | November-16 | MSA | Mechanical  | Closed | 30-Dec |
| 275 | Leakage observed from Unit 3 discharge ring and pipeline at El-227  | It should be rectified immediately.                           | El 227 | UC | November-16 | MSA | Mechanical  | Closed | 30-Jan |
| 276 | Metallic shims were observed on floor near drainage pumps at El. 227. Due to sharp edges these shims could lead to a serious injury | It should be removed from identified location immediately.    | El 227 | UC | November-16 | MSA | Maintenance | Closed | 30-Dec |
| 277 | A large polythene bag was found with the pipe at El-227   | It should be removed immediately.                             | El 227 | UC | November-16 | MSA | BSS         | Closed | 26-Nov |
| 278 | Corrosion was observed around the door of El-227 and on the railing of stairs leading to El-227.                                    | Painting should be done to avoid corrosion.                   | El 227 | UC | November-16 | MSA | Mechanical  | Closed | 30-Dec |
| 279 | Spider web observed at El- 227  | Remove immediately  | El 227 | UC | November-16 | MSA | BSS         | Closed | 10-Dec |

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|-----|---|--|--------|----|-------------|-----|------------|--------|--------|
| 280 | Sludge observed in the trenches of water treatment plant  | It should remove on weekly basis.                  | El 245 | UC | November-16 | MSA | BSS        | Closed | 30-Nov |
| 281 | Elevation 241 (Septic tank) was found in very bad condition. This area was giving the impression that it was not cleaned since very long time. Very bad smell was also felt over there. | Cleaning should be done on immediate basis.        | EL 241 | UC | November-16 | MSA | BSS        | Closed | 30-Dec |
| 282 | Spill tray was observed almost filled with water.   | It should be cleaned and emptied on regular basis. | EL 245 | UC | November-16 | MSA | BSS        | Closed | 30-Dec |
| 283 | footwear and sock was found on floor rather than the shoes case.  | Footwear must be kept on shoe case.                | El 265 | UC | November-16 | MSA | All        | Closed | 30-Dec |
| 284 | Hand rail of stair leading to El. 227 was found rusted.   | It be repainted.                                   | EL 227 | UC | November-16 | MSA | Operations | Closed | 20-Feb |
| 285 | instrument was covered with Polythene bag instead of proper cover at El. 227.   |  | EL 227 | UC | November-16 | MSA | Operations | Closed | 30-Dec |
| 286 | Used oil drums were found in front of old Andritz warehouse.  | Waste oil need disposal                            | EL 227 | UC | November-16 | MSA | HSEQ       | Closed | 15-Feb |

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|-----|---|--|--------|----|-------------|-----|------------|--------|--------|
| 287 | Spider webs were observed at El. 227  |  | EL 227 | UC | November-16 | MSA | Operations | Closed | 30-Dec |
| 288 | Mould was observed with the stair leading to El. 227  |  | EL 227 | UC | November-16 | MSA | Operations | Closed | 30-Dec |
| 289 | Air freshner bottle was used for opening of door. Proper door stopper should be used for this purpose. This observation was repeatedly communicated but it was not trickeled down to the support staff yet. |  | El 245 | UC | November-16 | MSA | Operations | Closed | 30-Dec |
| 290 | Tap was found in a passage way of warehouse officer which is a tripping hazard. This observation is repeatedly communicated from the last three to four months but No action taken yet.                     |  | El 251 | UC | November-16 | MSA | Operations | Closed | 30-Dec |
| 291 | Waste was observed at unloading bay.  |  | El 251 | UC | November-16 | MSA | Operations | Closed | 10-Dec |
| 292 | A lot of mud and stagnant water was observed under the tanks of water treatment plant at El. 245. This observation is repeatedly noted from last three months   |  | El 245 | UC | November-16 | MSA | Operations | Closed | 30-Dec |
| 293 | Heap of trash found near stop log storage area.   |  | El 251 | UC | November-16 | MSA | Operations | Closed | 20-Dec |

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|-----|---|---|-------|----|---------|-----|-----------------|--------|----------|
| 294 | A staff member from Electrical section was standing on the last rung of ladder.   | Conduct the tool box talk on ladder safety  | EL245 | UA | Dec -16 | MSA | Maintenance     | Closed | Immediat |
| 295 | A staff member from Mechanical section was leaning over the scaffold  | Conduct the tool box talk on Scaffold safety  | EL245 | UA | Dec -16 | MSA | Maintenance     | Closed | Immediat |
| 296 | Poor Housekeeping was observed at EL 227.   | Need to re arrange the materials and Ensure Proper Housekeeping and Do Tool Box Talk.       | EL227 | UC | Dec -16 | MSA | Maintenance     | Closed | Immediat |
| 297 | One dust bin was observed opened as tube lights were kept in it at EI 245. (UC)   | Discuss the issue in TBT and Follow proper disposal of used tube light rods.                | EL245 | UC | Dec -16 | MSA | Maintenance     | Closed | Immediat |
| 298 | Scaffolding pipes & plank was observed laying on floor without barricade.   | Provide Barricading and Temporary signage for the storage area                              | EL227 | UC | Dec -16 | MSA | Maintenance     | Closed | Immediat |
| 299 | Live wire observed dipped in water at draft tube.   | Electrical wire need to be kept above water all the time. Ensure proper dewatering of area. | EL227 | UC | Dec -16 | MSA | Maintenance     | Closed | Immediat |
| 300 | Almost 20 people were discussing some technical issues around the open confined space of turbine housing.                           | Matter should be taken up during the TBT to avoid the overcrowding of such areas.           | EL245 | UA | Dec -16 | MSA | Maintenance/Ops | Closed | Immediat |
| 301 | 01 employee was working with open zip coverall.   | No Loose clothing, ensure the use of coveralls in the work areas.                           | EL245 | UA | Dec -16 | MSA | Maintenance/Ops | Closed | Immediat |
| 302 | Walkie talkies are not working properly at EI 227 due to which 01 employee tried to communicate from EI 245 over the guard railing. | To arrange additional walkie Talkies for smooth communication                               | EL245 | UA | Dec -16 | MSA | Maintenance/Ops | Closed | Immediat |
| 303 | The confined space lid was left open after work. )  | Put No Entry Sign or Barricade the opening to restrict the un authorized entry              | EL245 | UC | Dec -16 | MSW | Maintenance/Ops | Closed | Immediat |
| 304 | Most of the employees are not provided with chin straps. (UC)   | Arrnage Chin Strap for all Employess  |       | UC | Dec -16 | MSW | HSE             | Closed | Immediat |
| 305 | Log sheet was observed at bulb nose while no attendant was there. (UC)  | Log sheet should not be left unattended at site   | EL245 | UC | Dec -16 | MSW | Maintenance     | Closed | Immediat |



|     |   |  |              |    |         |     |                     |        |          |
|-----|---|--|--------------|----|---------|-----|---------------------|--------|----------|
| 306 | Puddles of oil were observed on hatch cover of turbine hosing Unit 3. (UC)  | Use drip trays for oil handlings   | EL245        | UC | Dec -16 | MSW | Maintenance         | Closed | Immediat |
| 307 | Water was observed on stairs near EI 227 presenting slip hazard. (UC)   | Ensure proper cleaning of stairways at regular intervals   | EL227        | UC | Dec -16 | MSW | Operations          | Closed | Immediat |
| 308 | Area was barricaded but no signage were displayed. (UC)   | Provide required caution signage   | EL227        | UC | Dec -16 | MSW | Maintenance         | Closed | Immediat |
| 309 | Eye shower was inspected but its valve stuck after opening. (UC)  | Required Routien Testing of equipment and necessary repair to adress the malfunctioning                      | Battery Room | UC | Dec -16 | MSW | Operations          | Closed | Immediat |
| 310 | Water droplets were splashing on lights in draft tube. (UC)   | Light should be re located at dry place away from water splash area  | EL227        | UC | Dec -16 | MSW | Maintenance         | Closed | Immediat |
| 311 | During crane operation there was no sign revision on the door of compressor room, it must be declared as temporary entrance to Machine Hall. (UC) | To ensure proper signage to keep people aware of crane operations and alternate access ways during the job.  | EL245        | UC | Dec -16 | MSW | Maintenance/Ops     | Closed | Immediat |
| 312 | Walkie talkie was not working inside the draft tube. (UC)   | To check the walki talki workability and ensure adequate communication means inside the draft tube           | EL227        | UC | Dec -16 | MSW | Maintenance         | Closed | Immediat |
| 313 | Puddles of oil were observed under the crane parking area.  | To check oil leakage source and address the leakage problem  | EL245        | UC | Dec -16 | MSW | Maintenance         | Closed | Immediat |
| 314 | 05 employees were observed under the running unit without ear protection. (UA)  | To conduct the TBT and ensure complaine to the hearing protection where needed.                              | EL245        | UC | Dec -16 | MSW | Maintenance/HSE     | Closed | Immediat |
| 315 | Lifted load was being handled without tag line. (UA)  | Ensure the use of tag line while handling the lifting load   | EL245        | UC | Dec -16 | MSW | Maintenance/HSE     | Closed | Immediat |
| 316 | Instead of bucket sag was used to shift the scaffold couplers from EI 227 to draft tube. (UA)   | Ensure the use of bucket for lowering and lifting of couplers . Do TBT on the issue.                         | EL245        | UC | Dec -16 | MSW | Maintenance/HSE     | Closed | Immediat |
| 317 | PTWs and entry log were displayed on equipments and there is potential of trip, struck by and equipment damage. (UC)                              | PTWs and other required documents to be displayed at safe and approachable locations. To Discuss in the TBT. | EL245        | UC | Dec -16 | MSW | Maintenance/Ops     | Closed | Immediat |
| 318 | One employee was observed sitting on high oil tank cooler line. (UA)  | To conduct TBT on the unsafe act.  | EL245        | UC | Dec -16 | MSW | Maintenance/Ops     | Closed | Immediat |
| 319 | 01 employee was observed in confined space wearing coat with open buttons. (UA)   | No Loose clothing, ensure the use of coveralls in the work areas. To discuss in the TBT.                     | EL245        | UC | Dec -16 | MSW | Maintenance/Ops/HSE | Closed | Immediat |
| 320 | 03 employees accessed draft tube without mask and welding job was in progress. (UA)   | Ensure compliance to the hazard specific PPEs. To do TBT on the issue.                                       | EL245        | UC | Dec -16 | MSW | Maintenance/Ops/HSE | Closed | Immediat |
| 321 | Trip hard was observed at EI 245 near high pressure oil tank due to electric cable. (UC)  | Electric cable need to be routed as such that it should not creat trip hazards. To discuss during the TBT.   | EL245        | UC | Dec -16 | MSW | Maintenance/Ops/HSE | Closed | Immediat |

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|-----|---|--|-------|----|---------|-----|---------------------|--------|----------|
| 322 | Little amount of carbon dust was scattered on floor at EI 245. (UC)                           | To ensure after work housekeeping.   | EL245 | UC | Dec -16 | MSW | Maintenance/Ops/HSE | Closed | Immediat |
| 323 | Some employees were observed without ear protection at EI 227. (UA)                           | To conduct the TBT and ensure compliance to the hearing protection where needed.               | EL227 | UA | Dec -16 | MSW | Maintenance/Ops/HSE | Closed | Immediat |
| 324 | Improper storage of lifting slings 245(UC)  | Lifting gears need to be stored at designated places.  | EL245 | UC | Dec -16 | MSW | Maintenance/Ops     | Closed | Immediat |
| 325 | Trip hazard due to improper storage of material at EI 227.(UC)                                | Material should be stored as such that access ways must be clear. To do TBT on the issue.      | EL245 | UC | Dec -16 | MSW | Maintenance         | Closed | Immediat |
| 326 | Confined Space In/Out log found without PTW number. (UC)                                      | IN/ OUT log for confined space must be linked with releavent PTW for the Job.                  | EL245 | UC | Dec -16 | MSW | Maintenance         | Closed | Immediat |
| 327 | Temporary compressed air hose line found lying unsecured at EL 227 (UC)                       | Temporary line need to be removed or properly secured when not in use . To discuss in the TBT. | EL245 | UC | Dec -16 | MSW | Maintenance         | Closed | Immediat |
| 328 | Few workers found without using chinstrap while climbing into turbine housing. (UA)           | To ensure compliance to the chinstraps, do TBT on the issue.                                   | EL245 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 329 | Chemical being used for DPT test without referring to MSDS for necessary precautions.         | MSDS to be available at the site for reference during the use of any hazardous materials.      | EL245 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 330 | Improper storage of portable power tools at EI 245. (UC)                                      | Portable power tools must be stored at designated area.To conduct TBT.                         | EL245 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 331 | Safety harness was found lying with other equipments and tools. (UC)                          | PPEs need to stored away from tools and equipments to keep it safe. Discuss during the TBT.    | EL245 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 332 | Poor housekeeping at EI 227. Cotton rags and used gloves were found scattered . (UC)          | Ensure proper housekeeping. To discuss in the TBT.   | EL245 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 333 | A filled oil container was found without content identification and drip tray at EL 227. (UC) | Provide labeling on the container and arrange drip tray.                                       | EL227 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |

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|-----|--|---|--------|----|---------|-----|---------------------|--------|----------|
| 334 | Electrical Cable was running on the floor creating trip hazard at EL 245. (UC)                     | Ensure Safe routing of cables to mitigate trip hazards.                           | EL245  | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 335 | Straight ladder is left stand alone at site after finishing the job at EL 227. (UC)                | Ladder must be stored on the ground after work, to prevent any unsafe occurrence. | EL227  | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 336 | A worker was observed cleaning the filters without wearing eye protection. (UA)                    | Ensure compliance to the hazard specific PPEs. To do TBT on the issue.            | EL 245 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 337 | Oil spillage is observed near the oil purification machine at EL 245.(UC)                          | To check the oil leakage and provide drip tray for oil containment.               | EL 245 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 338 | A worker was observed without helmet chin strap while climbing inside the turbine housing.(UA)     | Ensure compliance to the hazard specific PPEs. To do TBT on the issue.            | EL 245 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 339 | Ladder installed at inspection window of unit 1 was not properly secured. (UC)                     | Ladder must be secured properly.  | EL 227 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 340 | A worker was observed using the air blower for cleaning without using eye protection. (UA)         | Ensure compliance to the hazard specific PPEs. To do TBT on the issue.            | EL 245 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 341 | A permanent Light was out of order inside the confined space of bulb nose area unit 1(UC).         | To fix the permanent light, till the time arrange temporary light.                | EL 245 | UA | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 342 | Compressed air hose was lying in front of Electrical Room 1 door, obstructing the access.(UC)      | Access must be kept clear of obstructions.  | EL 245 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 343 | Improper storage of PPEs Full body harness was found on the floor at EL 227.(UA)                   | Ensure Safe and proper storage of PPEs. To do TBT on the issue.                   | EL 227 | UA | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 344 | Although air hose was rolled properly but it is in the path presenting trip hazard at EL 245. (UC) | Access must be kept clear of obstructions.  | EL 245 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |

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|-----|--|---|--------|----|---------|-----|---------------------|--------|----------|
| 345 | Poor housekeeping was observed at EI 227. (UC)   | Ensure after work housekeeping. To do TBT on the issue.   | EL 227 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 346 | The lid of confined space (Bulb Nose) was left open after completion of work. (UC)   | Provide signage /barricade to restrict the unauthorized entry to confined sapce.                | EL 245 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 347 | Some employees were observed without chin straps.(UA)  | Ensure compliance to the hazard specific PPEs. To do TBT on the issue.                          | EL 245 | UC | Dec -16 | MSW | Maintenance/HSE/Ops | Closed | Immediat |
| 348 | The opening of hatch cover leading to bulb nose is congested and helmet often struck with it. (UC)                           | To provide caution sign to alert people of head bump hazard. Need to increase the opening size. | EL 245 | UC | Dec -16 | MSW | LEL                 | closed | 20-Feb   |
| 349 | Scaffold material was observed lying without barrication at EI 227. (UC)   | Ensure proper barricading of temporary storage areas.   | EL 245 | UC | Jan -17 | MSW | Maintenance         | Closed | Immediat |
| 350 | The lid of dustbin was found open as cartridge filters of water treatment plant were kept in it. (UC)                        | Ensure proper disposal of filters, to disscuss during the TBT.                                  | EL 245 | UC | Jan -17 | MSW | Maintenance         | Closed | Immediat |
| 351 | The lighting at intake area is not adequate for working during night. (UC)   | To provide additional light in the area.  | EL 245 | UC | Jan -17 | MSW | Maintenance         | Closed | Immediat |
| 352 | Trip hazard was observed at EI 245. (UC)   | Electrical cables must be routed safely to prevent trip hazards.                                | EL 245 | UC | Jan -17 | MSW | Maintenance         | Closed | Immediat |
| 353 | MSDS of Silica gel and LocTite were not present at site during related activities. (UC)                                      | MSDS to be availble at the site for reference during the use of any hazardous materials.        | EL 245 | UC | Jan -17 | MSW | Maintenance         | Closed | Immediat |
| 354 | Some employees were observed without ear protection inside draft tube area. (UA)   | Ensure compliance to the hazard specific PPEs. To do TBT on the issue.                          | EL 245 | UA | Jan -17 | MSW | Maintenance         | Closed | Immediat |
| 355 | One person from third party was observed without gloves while working at EI 245. (UA)  | Ensure compliance to the hazard specific PPEs. To do TBT on the issue.                          | EL 245 | UA | Jan -17 | MSW | Maintenance         | Closed | Immediat |
| 356 | A worker was observed using WD40 without wearing mask. (UA)  | Ensure compliance to the hazard specific PPEs. To do TBT on the issue.                          | EL 245 | UA | Jan -17 | MSW | Maintenance         | Closed | Immediat |
| 357 | Housekeeping was not satisfactory at EI 227 as some cotton rags, PPEs and lifting slings were found scattered on floor. (UC) | Ensure proper housekeeping and proper storage of PPEs.  | EL 245 | UC | Jan -17 | MSW | Maintenance         | Closed | Immediat |

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| 358 | Scaffolding was observed without red tag while dismantling. (UC)                                    | During dismantling / Erection Red Tag should be provided at scaffoldings. To discuss with scaffolders for compliance. | EL 245 | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 359 | After usage compressed air hose was not disconnected from the source. (UC)                          | un used compressed air hose need to be removed to avoid any unsafe condition. To discuss in TBT.                      | EL 245 | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 360 | Half-cut plastic bottle with sharp edges being used for oil for cleaning purpose. (UC)              | Use of such unsafe containers should be avoided. To discuss during the TBT.   | EL 245 | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 361 | Scaffolding work platform in the intake area was observed over crowded with tools and cables . (UC) | Scaffolding platform should have enough space to accommodate both men and tools.                                      | EL 245 | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 362 | Few workers were observed without earplugs inside the draft tube area with noise level 89 dB. (UC)  | Ensure compliance to the hazard specific PPEs. To do TBT on the issue.  | EL 245 | UA | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 363 | A spliced( Joined with tape) electric cable was observed with welding machine EL 227. (UC)          | Cable need to be changed.   | EL 245 | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 364 | Used cotton rags were observed scattered in the draft tube area. (UC)                               | Ensure proper disposal of used cotton rags.To be discuss during the TBT.  | EL 245 | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 365 | Access obstruction due water pipe rolled up in front of access way to the Electrical Room # 1. (UC) | Access must be kept clear of obsrtuctions.  | EL 245 | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 366 | An edge strip was observed loose of one stair step leading towards, EI 227( Trip Hazard). (UC)      | Need repair of the effected edge strip.   | EL 245 | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 367 | DO NOT OPERATE" caution tag was missing on newly installed butterfly valves at water line. (UC)     | Secure the valves with chain and lock to avoid miss operation.  | EL 245 | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 368 | PPEs mentioned in the HIRARC (Insulated Rubber Gloves) were not available at site. (UC)             | To ensure complaince to the HIRARC. Discuss during the TBT.   | EL 245 | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 369 | Two workers were observed very close to the suspended load during stop log lifting job. (UA)        | Workers should keep safe distance from suspended loads. Conduct TBT on the issue.                                     | EL 245 | UA | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 370 | A Scaffolder was observed throwing clamps during scaffold erection activity (UA)                    | Use basket for lifting and lowering of clamps and couplers.   | EL 245 | UA | Jan -17 | MSW | Maintenance | Closed | Immediat |

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| 371 | A worker was observed climbing the straight ladder without following the three point contact (UA)  | Always follow three point contact for safe ascending/decending of ladders. To discuss during the TBT. | EL 245      | UA | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 372 | During scaffolding erection area was not barricaded to control the movement in erection area. (UC)   | Apply barricading during the scaffold erection/dismantling job  | EL 245      | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 373 | MSDS was not available at site (turbine housing). (UC)   | MSDS to be available at the site for reference during the use of any hazardous materials.             | EL 245      | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 374 | Although area was barricaded but not properly while crane operation (removing hatch covers at EI 245). (UC)  | Ensure proper barricading during crane operation to keep un authorized people away from lifting zone. | EL 245      | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 375 | Few workers were observed without ear protection at EL 227. (UA)   | Ensure compliance to the hazard specific PPEs. To do TBT on the issue.                                | EL 245      | UA | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 376 | Poor housekeeping was observed at EL 245 near turbine housing. (UC)  | Ensure after work housekeeping. To do TBT on the issue.   | EL 245      | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 377 | One worker was observed without chin strap at HVAC Room. (UA)  | Ensure compliance to use of chinstrap.  | EL 245      | UA | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 378 | Barricading tape was not removed though the work was completed on the equipment at EI 227. (UC)  | Ensure after work housekeeping and clearing of area. To do TBT on the issue.                          | EL 245      | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 379 | Chain block was observed lying on floor at non-designated place. (UC)  | Lifting gears need to be stored at designated places.   | EL 227      | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 380 | Workers were observed without hearing protection during testing of Fire Fighting Engine at EI 271. (UA)  | Compliance to the hearing protection needs improvement. To discuss during the TBT.                    | EL 271      | UA | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 381 | A mainteance Socket is found damaged at EL 227.  | Need to replace the effected socket.  | EL 227      | UC | Jan -17 | MSW | Maintenance | Closed | 20-Jan   |
| 382 | Adjustable supports of cage ladder leading to turbine housing of unit 4 found stuck / non working. (UC)  | Supports need repair  | EL 245      | UC | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 383 | One employee accessed the intake area from draft tube through sloppy surface instead of using proper access. (UA)  | Do Tool Box Talk  | Intake Area | UA | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 384 | Some employees were observed without ear protection at EL 227. (UA)  | Do Tool Box Talk  | EL 227      | UA | Jan -17 | MSW | Maintenance | Closed | Immediat |
| 385 | Many people were observed around working area during impeller changing activity at EI 227 making difficult for the working team to concentrate on work. (UA) | Warned the people during TBT to keep out from the barricaded area                                     | EL 227      | UA | Jan -17 | MSW | Maintenance | Closed | Immediat |

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|-----|---|---|--------|----|---------|-----|----------------|--------|---------------|
| 386 | A tripping hazard is observed due to an even surface in front of electrical room door in machine hall EL 245. (UC)                        | Need repair of surface  | EL 245 | UC | Jan -17 | MSW | Maintenance    | Closed | March 31,2017 |
| 387 | Attachment being used for connecting the flexible air hose with air supply header was observed creating protrusion hazard at EL 245. (UC) | Attachment to be replaced to address the protrusion hazard.       | EL 245 | UC | Jan -17 | MSW | Maintenance    | Closed | Feb 10,2017   |
| 388 | No signage was displayed to restrict the entry into the confined space of turbine housing of unit 3 from EL 227 (UC).                     | To Display the caution sign                                       | EL 227 | UC | Jan -17 | MSW | Operations/HSE | Closed | Immediat      |
| 389 | Poor housekeeping observed at EL 227. (UC)  | Housekeeping needs improvement                                    | EL 227 | UC | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 390 | Drainage pump area was overcrowded at EL 227. (UA)  | Warned the people during TBT to keep out from the barricaded area | EL 227 | UA | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 391 | Few workers were observed without ear protection. (UA)  | Do Tool Box Talk  | EL 227 | UA | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 392 | Ladder installed at inspection window of unit 3 was not secured properly(UC)  | Ladder to be secured  | EL 227 | UC | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 393 | Red tag was missing on the scaffold under dismantling at EL 227.(UC)  | To provide Red Tag during dismantling                             | EL 227 | UC | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 394 | There was no adequate communication means between crane operator at EL 245 and rigger at EL 227 (UA)                                      | To provide walky Talky for appropriate communication              | EL 227 | UA | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 395 | General Housekeeping & material stacking at EL 227 needs improvement.   | Housekeeping needs improvement                                    | EL 227 | UC | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 396 | A worker was observed sitting on hand rail at unit 3 inspection window access ladder.(UA)   | To do TBT for such unsafe acts                                    | EL 227 | UC | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 397 | Loose materials(scaffold couplers) were lifted using lifting cage.  | Loose Materials must be properly secured before lifting           | EL 227 | UC | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 398 | Slip hazard observed due to water spillage at machine hall.(UC)   | Need cleaning of the area   | EL 227 | UC | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 399 | Hand rail was missing the ladder (UC)   | To provide hand rail along the scaffold ladder                    | EL 227 | UC | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 400 | Barricading of scaffold material at EL 227 was not up to mark. (UC)   | To provide adequate barricade                                     | EL 227 | UC | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 401 | Trash bin at EL 227 was found full and needs disposal. (UC)   | Timely disposal of waste is required                              | EL 227 | UC | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 402 | Few employees were observed without ear protection at EL 227. (UA)  | Do Tool Box Talk on hearing protection                            | EL 227 | UA | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 403 | Two employees were observed without chin straps at EL 245. (UA)   | Do Tool Box Talk on chin strap protection                         | EL 227 | UA | Jan -17 | MSW | Maintenance    | Closed | Immediat      |
| 404 | Valves for Maintenance Seal air supply for all four units are installed in the trench with cover difficult to approach.(UC)               | Valves need to relocate at safe and easily approachable location  | EL 245 | UC | Jan -17 | MSW | Operations     | Closed | Apr-17        |
| 405 | A temporary light was found secured with cotton rags at EL 245. (UC)  | Light need to be secured properly                                 | EL 245 | UC | Jan -17 | MSW | Operations     | Closed | Feb 28,2017   |
| 406 | Slip hazard was observed in the machine hall, compressor room and GIS due to rain water seepage.(UC)                                      | Need cleaning of the area   | EL 245 | UC | Jan -17 | MSW | Maintenance    | Closed | Immediat      |

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| 407 | General Housekeeping needs to be addressed a EL 227.(UC)                                   | Need cleaning of the area  | EL 245        | UC | Jan -17 | MSW | Maintenance | Closed | Immediat      |
| 408 | A light was observed out of order in GIS room.(UC)   | Light needs to be replaced   | EL 245        | UC | Jan -17 | MSW | Maintenance | Closed | Feb 28,2017   |
| 409 | Two chairs were observev broken in the cafeteria   | Chairs should be repaired or replaced  | EL 265        | UC | Feb-17  | MSW | BSS         | Closed | March 15,2017 |
| 410 | Compressed Gas Cylinder without cap in warehouse   | Caps to be installed on the cylinders  | EL 251        | UC | Feb-17  | MSW | BSS         | Closed | Immediate     |
| 411 | LPG cylinder was observed stored with oxygen cylinder                                      | LPG cylinder need to be stored at safe distance from oxygen cylinder             | EL 251        | UC | Feb-17  | MSW | BSS         | Closed | Immediate     |
| 412 | Protective glass cover found broken for passenger elevator emergency button                | Provide new cover for the emergency button                                       | EL 245        | UC | Feb-17  | MSW | Operations  | Closed | Feb 28,2017   |
| 413 | Key safe system cabinet is blocking the electrical panel in CCR.                           | Keep panel always accessable   | EL 265        | UC | Feb-17  | MSW | Operations  | closed | Immediate     |
| 414 | A door closer is observev out of order for the Electrical Room 1                           | To repair the door closer  | EL 245        | UC | Feb-17  | MSW | Operations  | Closed | Feb 28,2017   |
| 415 | Door Lock of small door in unloading bay is found out of order.                            | To fix the door lock   | EL 251        | UC | Feb-17  | MSW | Maintenance | Closed | March 31,2017 |
| 416 | Wooden pallet being used for storage of FM 200 Cylinders in warehouse is observed damaged. | Replace or secure the pallet enough to ensure the safe storage of cylinders      | Warehouse     | UC | Feb-17  | MSW | BSS         | Closed | Immediate     |
| 417 | Unsafe cable routing in the warehouse officer's work station.                              | Proper cable routing is required.  | Warehouse     | UC | Feb-17  | MSW | BSS         | Closed | Immediat      |
| 418 | A fire extinguisher inspection was not updated in warehouse.                               | Update the inspection tag  | Warehouse     | UC | Feb-17  | MSW | BSS/HSE     | closed | Immediat      |
| 419 | Improper routing of electrical cable for temporary lights in unloading bay.                | Cable need to be fixed properly.   | Unloading Bay | UC | Feb-17  | MSW | Maintenance | Closed | Immediat      |
| 420 | Many cigarette butts observed on ground near Security                                      | All security staff are advised to use smoking area near parking shed.            | Gate 1        | UC | Feb-17  | MSA | BSS         | Closed | Immediat      |
| 421 | Similarly, many Cigarette butts observed in front of parking shed.                         | All security staff and others are advised to use smoking area near parking shed. | Parking Shed  | UC | Feb-17  | MSA | BSS         | Closed | Immediat      |
| 422 | One mechanical helper was observed without safety shoes in workshop PPEs area.             | He was advised to stop his work and wear safety shoes..                          | Workshop      | UA | Feb-17  | MSA | Maintenance | Closed | Immediat      |



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| 423 | Housekeeping was not up to the mark in mechanical workshop storage areas.  | All extra material should return to warehouse and remaining should be stored on the basis of 5 S prog.                                   | Workshop        | UC    | Feb-17 | MSA     | Maintenance     | Closed | Immediat      |
| 424 | Old coverall and safety shoes observed in the proposed sitting area.   | All extra material should be removed and clean up the area on thoroughly   | Workshop        | UC    | Feb-17 | MSA     | Maintenance     | Closed | Immediat      |
| 425 | Some scaffolding pipe pieces and grating was observed on floor in workshop.  | It should be stored in racks.  | Workshop        | UC    | Feb-17 | MSA     | Maintenance     | Closed | Immediat      |
| 426 | Sloppy area near transformer No. 01 observed and there is chances of fell from there.  | Permanent railing should be installed to avoid falling hazard.   | Tranformer 01   | UC    | Feb-17 | MSA     | Maintenance/HSE | Closed | April 30,2017 |
| 427 | Old dust bin was observed near emergency exit of EL 261  | It should be replaced with new one.  | EL 261          | UC    | Feb-17 | MSA     | BSS             | Closed |               |
| 428 | Many empty bottles and wrappers observed in sloppy and right and left of draft tube area.  | Area should be cleaned ASAP  | Draft Tube area | UC    | Feb-17 | MSA     | BSS             | Closed | Immediat      |
| 429 | Some trash was observed near headrace.   | It should be removed immediately.  | Headrace area   | UC    | Feb-17 | MSA     | Operations      | Closed | Immediat      |
| 430 | During discussion with SSCE it was observed that nobody knows about the functionality of broadcast option in firefighting alarm panel. | It was advised that discussion it with C&I section and get the clarity on functionality of broadcast option in firefighting alarm panel. | CCR             | UC    | Feb-17 | MSA     | Operations      | Closed | March 31,2017 |
| 431 | Slip/Trip hazard due to carton card boards placed infront of workshop entrance.  | Remove the card boards to address the hazards  | Workshop        | UC    | Feb-17 | D-Level | BSS             | Closed | Immediate     |
| 432 | Intake hatch cover openings without covers creating potential fall hazards   | Need to be properly covered  | Intake Area     | UC    | Feb-17 | D-Level | Maintenance     | Closed | To be decided |
| 433 | Crane operation under the high voltage line  | Safety requirments need to be followed for using crane under or nearby high voltage lines.   | SAMBU Offices   | UC/UA | Feb-17 | D-Level | SAMBU           | Closed |               |
| 434 | Some Safety railings at NBE Gates found displaced from joints & few found loosely connected to their foundation.                       | Railing should be fixed immediately.   | NBE Gates       | UC    | Feb-17 | D-Level | Maintenance     | Closed | April 30,2017 |

|     |  |  |                  |    |        |         |             |        |               |
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| 435 | Rubber Seal found to be damaged under Compressor Room entrance door/ shutter.  | Rubber seal need to be repalced immediately.                     | Compressor Room  | UC | Feb-17 | D-Level | Maintenance | Closed | April 30,2017 |
| 436 | Service Air Line Piping Connection to be considered Potentially hazardous . and should be barricaded with some distance all Sides. | It should be barricaded or properly protected.                   | Machine Hall     | UC | Feb-17 | D-Level | Operations  | Closed |               |
| 437 | Poor House Keeping found at Elev.245 (Erection Bay) in Oil De-Hydration Plant were oil was found on its base.                      | Drip tray to be provided to avoid the oil dripping on the floor. | Machine Hall     | UC | Feb-17 | D-Level | Maintenance | Closed |               |
| 438 | Poor Lighting at NBE GATES and Its adjacent main road as street lights and search lights of building found to be out of Order .    | Lights should be repaired on priority basis.                     | NBE Gates        | UC | Feb-17 | D-Level | Maintenance | closed |               |
| 439 | A Socket observed damaged in the kitchen at EL: 265  | It should be replaced with new one.                              | Kitchen          | UC | Feb-17 | MSW     | BSS         | Closed |               |
| 440 | Poor House Keeping and the cabinet/Cover was missing infront of Kitchen Basin.   | Proper cover should be place                                     | Kitchen          | UC | Feb-17 | MSW     | BSS         | Closed | March 15,2017 |
| 441 | Tangled Wires was oberved in CCR.  | It should be arranged properly.                                  | CCR              | UC | Feb-17 | MSW     | Operations  | Closed |               |
| 442 | Internet cable was found on floor in Server room at EL: 265 without any ducting.   | Proper ducting to be done.                                       | Server Room      | UC | Feb-17 | MSW     | IT/BSS      |        |               |
| 443 | There is a broken glass found in Library Almirah At EL: 265 masl.  | It should be replaced with new one.                              | Library          | UC | Feb-17 | MSW     | BSS         | Closed |               |
| 444 | Poor House Keeping in Elevator Room.   | It should be cleaned imdiatly.                                   | Electrcal Room 2 | UC | Feb-17 | MSW     | Operations  | Closed |               |
| 445 | Narrow access to the telephone in the fire fighting room.  | It Should be hanged in proper access area.                       | FF Room          | UC | Feb-17 | MSW     | Operations  | Closed |               |
| 446 | Wasp nexts was found adjacent to fire fighting tank.   | It should be removed   | Fire Water Tank  | UC | Feb-17 | MSW     | Operations  | Closed |               |
| 447 | Cigarette butts was found on drain line at EL: 271.  | It should be removed proply.                                     | EL 271           | UC | Feb-17 | MSW     | BSS         | Closed |               |

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| 448 | A cable and pipe found unattended near stop log area.   | Cable should be conduited underground and pipe should be removed. | Stop log area | UC | Feb-17 | MSW | Maintenance | Closed |               |
| 449 | Dust Bins found full of waste material in unloading bay.  | Need to clear in timely manner                                    | Unloading Bay | UC | Feb-17 | MSW | BSS         | Closed |               |
| 450 | Used and defective items are found at NBE gates area.   | It should be removed immediately, property of WAPDA/LEL           | NBE Gates     | UC | Feb-17 | MSW | Operations  | Closed | April 15,2017 |
| 451 | Few of flood lights at NBE gates control building were found fused.   | Needs to fix it   | NBE Gates     | UC | Feb-17 | MSW | Operations  | Closed | March 25,2017 |
| 452 | The power cable of electric water pump was found un properly layed without conduit.   | It shuold be fixed properly                                       | NBE Gates     | UC | Feb-17 | MSW | Maintenance | Closed | March 25,2017 |
| 453 | The old power supply breaker installed in improper condition.   | The functionality of power breaker needs to ensure                | NBE Gates     | UC | Feb-17 | MSW | Operations  | Closed | March 25,2017 |
| 454 | The fire extinguisher was not inspected since long.   | Needs to put a inspection tag                                     | NBE Gates     | UC | Feb-17 | MSW | Operations  | Closed | March 25,2017 |
| 455 | Expired fire extinguisher were found at NBE gates control room which could make panic during its need.<br><b>Inspect OR re filled or remove.</b>          | Need to remove and replace with charged Fire Extinguisher         | NBE Gates     | UC | Feb-17 | MSW | Operations  | Closed | March 25,2017 |
| 456 | The supply cable from NBE gate-1 to police check post is layout without proper conduit.   | Properly underground couduit needs to install                     | NBE Gates     | UC | Feb-17 | MSW | LEL         | Closed | March 15,2017 |
| 457 | The DG maintenance Breaker incoming power cables are fixed without cable glands. Paper could become a source of fire.                                     | Use Proper sealing material .                                     | LCU 5         | UC | Feb-17 | MSW | Operations  | Closed | March 25,2017 |
| 458 | The conduit of power cable is found broken at EL.227.   | Needs to fix with new conduit.                                    | EL 227        | UC | Feb-17 | MSW | Operations  | Closed | March 15,2017 |
| 459 | An Electric socket found without front cover in Communication Room @ EL:265.<br><b>Cover should be Fitted immediately.</b>                                | Cover to be provided  | EL 227        | UC | Feb-17 | MSW | Operations  | Closed | March 15,2017 |
| 460 | Lock of Communication Panal found open with keys in the lock in CCR communication room.<br><b>It should be locked and keys should be placed properly.</b> | Panel should be kept locked always.                               | EL 227        | UC | Feb-17 | MSW | IT/BSS      | Closed | Immediate     |
| 461 | Tangled Wires was observed in CCR.<br><b>It should be arranged properly.</b>  | Wires should be arranged properly.                                | EL 227        | UC | Feb-17 | MSW | IT/BSS      | Closed | March 15,2017 |

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| 462 | Wires are not properly ducted in CCR.  | Need to be ducted properly.   | EL 227    | UC | Feb-17    | MSW     | Operations | Closed | March 15,2017 |
| 463 | Almirah lock was found missing in Library  | New lock to be provided.  | Library   | UC | Feb-17    | MSW     | Operations | closed | April 15,2017 |
| 464 | Poor Housekeeping in Masjid.   | Immediate cleaning is required.                                       | EL 227    | UC | Feb-17    | MSW     | BSS        | Closed | Immediate     |
| 465 | Leakage found from Electric water geyser at EL:265.  | Need fixing of leakage.   | EL 227    | UC | Feb-17    | MSW     | BSS        | Closed | March 15,2017 |
| 466 | Firefighting room AC indoor unit filter cover found dislocated from its original location.<br><b>Need to be fixed permanently.</b>                           | Need to be fix them properly  | EL 227    | UC | Feb-17    | MSW     | Operations | Closed | Immediate     |
| 467 | Gate valve found leaked in Fire Fighting Room.   | Leakage should be fixed   | EL 227    | UC | Feb-17    | MSW     | Operations | Closed | March 15,2017 |
| 468 | Safety sinage found unable to read at EL: 270.   | Need to be replaced with new one.                                     | EL 227    | UC | Feb-17    | MSW     | Operations | Closed | March 15,2017 |
| 469 | There is no drain for leakage water of safety valve in FF room @ EL.270 m.a.s.l causing accumulation of water in front of entrance door which is slip hazard | Arrangement of drain need to be looked into for the required purpose. | EL 270    | UC | March -17 | D-Level | Operations | Closed |               |
| 470 | Nitrogen Cylinder in MCC room near colony Feeder .Should be at proper Place  | Cylinder to be placed in a safe and secured place.                    | EL 245    | UC | March -17 | D-Level | Operations | Closed | March 31,2017 |
| 471 | Unit pit choked due to small drainage holes.   | Cleaning should be done on immediate basis.                           | EL 227    | UC | March -17 |         | Mechanical | Closed | March 31,2017 |
| 472 | Dust bin at main door of the workshop which is cleaned after 1 Week, causes smell in the workshop. It should be cleaned on daily bases.                      | Timely disposal of waste is required                                  | Workshop  | UC | March -17 | D-Level | BSS        | Closed | March 31,2017 |
| 473 | Gate valve in Fire Fighting room found leaked.   | Necessary repairs are required.                                       | EL 270    | UC | March -17 | D-Level | Operations | Closed | March 31,2017 |
| 474 | Trench cover at NBE gates is misplaced, which is a tripping hazard   | Provide cover on the trench   | NBE Gates | UC | March -17 | D-Level | Operations | Closed | March 31,2017 |

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| 475 | Panel locks of intake and draft tube gantry crane cubicles are found out of order.                                     | To repair the panel locks   | Gantry Cranes  | UC | March -17 | D-Level | Mechanical | Closed | March 31,2017 |
| 476 | During MSW by LEL team, it was pointed that the seal for the DWS set at El.227 masl was hanging, it has been fixed now |   | EL 227         | UC | March -17 | D-Level | Operations | Closed | March 31,2017 |
| 477 | Stagnant water found in water treatment & HVAC room.   | Proper cleaning of floor should be done. El. 245  | EL 245         | UC | March -17 | MSW     | Operations | Closed | March 31,2017 |
| 478 | Storage area was allocated temporarily in water treatment & HVAC room for dust filters etc.                            | El. 245 Used material should be stored out of room at proper storage area or discarded if disposable. | EL 245         | UC | March -17 | MSW     | Electrical | Closed | March 31,2017 |
| 479 | Instead of proper mats,cardboards were placed at the entrance of workshop & dispensary.                                | Proper mats should be provided.   | EL255          | UC | March -17 | MSW     | BSS        | Closed | March 31,2017 |
| 480 | In DG room, cables of deluge water system were not properly routed.  | Cables should be properly conduited.  | EL 245         | UC | March -17 | MSW     | Electrical | closed | April 10,2017 |
| 481 | Inspection record of fire extinguisher at El. 245 was missing.   | Reinspection should be done for the missing time period.  | EL 245         | UC | March -17 | MSW     | HSEQ       | Closed | March 31,2017 |
| 482 | Wall behind the desk of BO/JBOs was found dirty.   | Wall should be repainted. El. 245   | EL 245         | UC | March -17 | MSW     | Civil      | closed | March 31,2017 |
| 483 | Socket was not provided for the water dispenser connection in BO/JBOs room.  | Proper socket to be provided  | EL 245         | UC | March -17 | MSW     | Operations | closed | March 31,2017 |
| 484 | Oxygen cylinder was found uninspected in dispensary as oxygen was not refilled for the last five years.                | Oxygen to be refilled.  | First Aid Room | UC | March -17 | MSW     | HSEQ       | Closed | March 31,2017 |

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| 485 | Caution tape barricading the temporary storage area was found fallen on the floor at El. 245  | which need to be placed properly on the spot.  | EL 245         | UC           | March -17 | MSW     | Operation   | Closed | March 31,2017 |
| 486 | Trip hazard as hook was found a bit above the solid floor covering.   | Hook<br>should be fixed properly to the floor level 255.   | EL 255         | UC           | March -17 | MSW     | Civil       | Closed | March 31,2017 |
| 487 | Bolts of 85 Ton crane Bus bar found lose, need to be tightened.   | Tightening of bolts is required.   | 85 Ton Crane   | UC           | March -17 | D-Level | Electrical  | Closed | March 31,2017 |
| 488 | Insufficient light at intake and draft tube stop logs area.   | Need to check the light level  | Intake Area    | UC           | March -17 | D-Level | Maintenance | Closed | April 30,2017 |
| 489 | Lock of 30 Ton crane cabin is broken.   | Lock need repair   | 30 Ton Crane   | UC           | March -17 | D-Level | Civil       | Closed | April 30,2017 |
| 490 | Door lock of 85 Ton crane emergency exit is broken.   | Lock need repair   | 85 Ton Crane   | UC/Near Miss | March -17 | D-Level | Maintenance | Closed | April 30,2017 |
| 491 | The bunch of keys placed at security check post # 1 was found without any tag number for knowing that for which lock they are meant for.  | The keys should be properly tagged, identifying the lock and location for which these are meant for to avoid any confusion during the emergency.   | Gate 1         | UC           | March -17 | MSA     | BSS         | Closed | Immedaite     |
| 492 | During interaction with male nurse on duty in Power house, it was observed that he was not aware/trained about the first aid of hydel power station's major hazard i.e. electrocution & drowning. | All male nurses should be trained and proper demonstration should be arranged for them to enable them to handle the emergencies. Moreover, for both cases, SOP should be provided and displayed on the notice board available in the first aid room. | First Aid Room | UC           | March -17 | MSA     | HSEQ        | closed | April 30,2017 |
| 493 | A crew was working on water treatment plant at El. 245 under the PTW No 1536, the observation was noticed that JSA was not job specific.  | The JSA should be reviewed and should be made job specific e.g ladder requirement and isolation of power supply  |                | UC           | March -17 | MSA     | Maintenance | Closed | April 30,2017 |

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| 494 | A mechanical maintenance crew was working on sewerage pump under the permit # 1523 at El. 241 following were the observations:<br>i. One of the technician was not wearing thface mask.<br>ii. The sewerage pump panel in which supply breaker is installed was open and when asked about its locking to the respective person, they brought a bunch of keys without any tag and they tried different keys but could not lock the panel.<br>iii. Cleaning of the area was not proper; spider webs was found on walls.<br>iv. Illumination level was very low because most of the tube lights were out of order.<br>v. Due to carbon accumulation, bad contact of earthing conductor was observed. | It should be ensuring that the working crew should take all safety measures as per JSA.<br>ii- All keys on panels should be properly tagged and the key numbers should be written on all panels to ensure the opening closing of panels, as and when required, without any confusion.<br>iii- Cleaning of the area on regular basis is required and regular supervision / monitoring at supervisory level is also required.<br>iv- For proper illumination level and comfortable working in the area, all tube lights should be functional.<br>v- For proper function of earthing conductor, the carbon accumulated at the joint points should be cleaned properly to ensure proper continuity |               | UC | March -17 | MSA | Mechanical  | Closed | April 10,2017 |
| 495 | Warehouse Door Opening panel Lock found Broken.   | It should be replaced with new one.  | Warehouse     | UC | March -17 | MSA | BSS         | Closed | April 15,2017 |
| 496 | Spider Web found along the walls at unloading bay..   | It should be cleaned properly  | Unloading Bay | UC | March -17 | MSA | BSS         | Closed |               |
| 497 | Fuse Lights in out of GIS emergency exit staircase at El:251.   | It should be replaced with new one.  | GIS           | UC | March -17 | MSA | Maintenance | Closed |               |
| 498 | Water spill on floor found in HVAC room.  | It should be cleaned properly  | HVAC Room     | UC | March -17 | MSA | Operation   | Closed | Immediate     |
| 499 | Dustbin found full of waste material at El @ 245 masl.  | It should be removed immidiatly.   | EL 245        | UC | March -17 | MSA | BSS         | Closed | Immedaite     |
| 500 | Door locks of almirah palced in LCU 5 room found missing.   | New door locks should be fitted in place of missing and out of order locks.  | LCU 5 EL 245  | UC | March -17 | MSA | Operation   | Closed | April 30,2017 |
| 501 | Poor House keeping around the daily tank in DG room.  | It Should be cleaned properly.   | DG Room       | UC | March -17 | MSA | Operation   | Closed | Immediate     |
| 502 | All Safty Signs are not properly fixed with walls.  | They should be fixed properly.   | ALL EL        | UC | March -17 | MSA | Operation   | Closed | April 15,2017 |
| 503 | Power cables of Drainage pumps are not properly arranged and oil spill also found around the drainage pumps.  | Cables should be properly ducted and oil spill should be cleaned.  | EL 227        | UC | March -17 | MSA | Operation   | Closed | March 25,2017 |
| 504 | Poor Housekeeping found at El:227 access staircase.   | It should be cleaned properly.   | EL 227        | UC | March -17 | MSA | Operation   | Closed | April 15,2017 |
| 505 | Wiring duct found damaged above El 227 access door.   | It should be replaced with new one   | EL 227        | UC | March -17 | MSA | Operation   | Closed | April 30,2017 |
| 506 | Drainage pit of unit 3 found full of water.   | It should be removed immediately.  | EL 227        | UC | March -17 | MSA | Operation   | Closed | April 15,2017 |
| 507 | Improper location of fire extinguisher was found in workshop at El. 255   | It should be easily accessible   |               | UC | March -17 | MSA | Mecanical   | Closed | April 30,2017 |
| 508 | Leaked oil drum was found in workshop. Although spill tray was placed under the drums but it should not be placed in workshop area.   | Remove both drums ASAP.  | Workshop      | UC | March -17 | MSA | Mechanical  | Closed | April 15,2017 |

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| 509 | It was observed that gas cylinders stored in very safe manner.   | Positive   | Workshop       | UC | March -17  | MSA     | Mechanical | Closed |             |
| 510 | It was observed that bandage was applied on injured hand of Helper Asim but not reported to HSE for injury classification.   | HSE reporting system needs to be strengthened specially w.r.t. injuries (same observation in last recordable injury in Aug '15). This injury should also be reviewed for classification, if any. | First Aid Room | UC | April 2017 | MSA     | HSEQ       | Closed | Immediate   |
| 511 | It was observed that medical oxygen cylinder was filled five years back.   | Check validity of gas and refill if necessary. Need to make it part of regular inspection regime.  | First Aid Room | UC | April 2017 | MSA     | BSS/HSEQ   | Closed | Immediate   |
| 512 | Proper tagging was found in water treatment plant  | Positive   | EL 245         | UC | March -17  | MSA     | HSEQ/BSS   | Closed |             |
| 513 | Anti-snake venom kit was found into the medicine cabinet and medic did not know that how to use it.  | A proper training should be conducted for medic, otherwise, it should not be there its use is not known.   | First Aid Room | UC | April 2017 | MSA     | HSEQ/BSS   | Closed | May 10,2017 |
| 514 | It was observed that quite a few antibiotics were stored in the First Aid Room and were given to employees. The paramedic is not qualified to give such prescribed medicine. This can have serious health repercussions. | Ensure that medic should not give the any medicine without the Doctor's prescription.  | First Aid Room | UC | April 2017 | MSA     | HSEQ/BSS   | Closed | Immediate   |
| 515 | For lunch pick and drop facility may please be provided. Due to hot weather heat stroke, may occur to <b>employees</b> .   | Shelter Should be provided   |                | UC | April 2017 | D-Level | BSS        | Closed | May 30,2017 |
| 516 | Not enough chairs in kitchen for employees to sit.   | Chairs to be arranged  | Cafeteria      | UC | April 2017 | D-Level | BSS        | Closed | May 30,2017 |
| 517 | No air conditioning or cooling system in kitchen   | Adequate cooling for Kitchen is required.  | Cafeteria      | UC | April 2017 | D-Level | BSS        | Closed | May 30,2017 |
| 518 | Cable drum of intake gantry crane is not working properly.   | Problem need to be fixed   | Intake Area    | UC | April 2017 | D-Level | Mechanical | Closed | May 30,2017 |
| 519 | Light of passenger elevator found out of order   | Light to be fixed  | Elevator       | UC | April 2017 | D-Level | Electrical | Closed | May 30,2017 |
| 520 | Slip hazard near AC at admin floor (no tray for drained water)   | Tray to be arranged for drip water   | Admin Block    | UC | April 2017 | D-Level | BSS        | Closed | May 30,2017 |
| 521 | The Silencer of NBE Gate D.G getting corroded and rusted;  | proper action needs to be taken in this regard.  | NBE Gates      | UC | April 2017 | D-Level | Mechanical | Closed | May 30,2017 |
| 522 | The Re-Inspection Record Tag at 132KV GIS not updated for the month of March   | Update the inspection tag  | GIS            | UC | April 2017 | D-Level | HSEQ       | Closed | May 30,2017 |



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| 523 | NBE Gates Winch Rope found to be not maintained properly   | Winch rope should be lubricated periodically.                | NBE Gates             | UC        | April 2017 | D-Level | Mechanical | Closed | May 30,2017   |
| 524 | The hatch covers shifted from the intake side of Units still are placed in unsafe position.  | Need to be shifted at safe place.                            | Intake Area           | UC        | April 2017 | D-Level | Mechanical | Closed | May 30,2017   |
| 525 | The front transparent covering of control panel of dewatering pump no.1 found missing. Needs immediate rectification to avoid any direct contact with the live bus bar             | Transparent Covering needs to be installed                   | Electrical Room       | Near Miss | May-17     | D-Level | Operations | Closed | Immediate     |
| 526 | Access to 30ton overhead crane is not safe to be climbed and design needs to be reviewed   | Design needs to be reviewed                                  | 30 Ton Crane          | UC        | May-17     | D-Level | Mechanical | Closed | July 30 ,2017 |
| 527 | Scaffolding pipes were lying scattered on the erection bay @ elev 245 by LEL Contractor. Tripping and falling hazard was discussed among the staff and arranged the pipes properly | Pipes Should be placed at designated area                    | Elev 245              | UC        | May-17     | D-Level | Mechanical | Closed | Immediate     |
| 528 | Only one entry and exit for crane operator in overhead cranes  | Different entries should be provided for entry and exit      | Overhead Cranes       | UC        | May-17     | D-Level | Mechanical | Closed | Jun 20 ,2017  |
| 529 | Fence around NGH level sensor is required, because local people are dumping trash there and cleaning of sensor becomes difficult   | Proper fencing should be installed around NGH Level Sensor . | NGH Level Sensor      | UC        | May-17     | D-Level | Operations | Closed | Jun 20 ,2017  |
| 530 | Wooden planks are placed under the few stop logs (Draft tube side) instead of proper holding devices   | Woden planks should be removed                               | Draft Tube area       | UC        | May-17     | D-Level | Mechanical | Closed | Jun 10 ,2017  |
| 531 | Poor Housekeeping in Fire Fighting Room; cobwebs found on pipes and walls moreover walls also need a re-paint  | Proper Housekeeping should be practiced                      | Fire Fighting Room    | UC        | May-17     | D-Level | BSS / HSEQ | Closed | Immediate     |
| 532 | Fiber Glass cover of ESD of AHU-01A & AHU-01B found to be broken need to be replace with a new one   | Glass Covers should be replaced with new one .               | Water Treatment Plant | UC        | May-17     | D-Level | Electrical | Closed | Immediate     |
| 533 | Cement Bag observed in D.G 750 KVA Radiator Duct.  | Cement bag should be removed                                 | DG Room               | UC        | May-17     | D-Level | Operations | Closed | Immediate     |
| 534 | Reasonable Leakage is observed in FF Safety Valve installed at Elev.270masl  | Leakage should be rectified                                  | Fire Fighting Room    | UC        | May-17     | D-Level | Operations | Closed | June 10 ,2017 |
| 535 | Leakage found from PRV of Shaft Seal Pipe Line   | Leakage Should be rectified                                  | Elev 227              | UC        | May-17     | MSA     | Operations | Closed | Immediate     |

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| 536 | Extended Rod Found in Excess gallery on shaft seal drain line   | It Should be removed   | Elev 227              | Near Miss | May-17 | MSA    | Mechanical      | Closed | Immediate   |
| 537 | Extended Rod Found Near the door of water Treatment plant   | Extended Rod Should be Removed   | Elev 245              | UC        | May-17 | MSA    | Operations      | Closed | Immediate   |
| 538 | Spillage of Oil Found from the overhead 30 TON Crane  | Spillage should be rectified   | Overhead 30 TON Crane | UC        | May-17 | MSA    | Mechanical      | Closed | Immediate   |
| 539 | Electrical Room 1 Door 2 Found dirty  | Need to be Cleaned   | Electrical Room       | UC        | May-17 | MSA    | BSS             | Closed | Immediate   |
| 540 | Cleaning of Draft Tube Side Stop logs Required  | Need to be Cleaned   | Draft Tube area       | UC        | May-17 | MSA    | Civil           | Closed | Immediate   |
| 541 | Trash Found lying on rail trail of intake gantry crane  | Need to be removed   | Intake area           | UC        | May-17 | MSA    | Civil           | Closed | Immediate   |
| 542 | In elevator Room Vanes of AC found broken   | Vanes Needs to be repaired   | Elevator Room         | UC        | May-17 | MSA    | Electrical      | Closed | May 30,2017 |
| 543 | Pipes Found lying at Elev 245 Near Unit 4   | Need to be removed   | Elev 245              | UC        | May-17 | MSA    | Operations      | Closed | Immediate   |
| 544 | Oxygen Cylinder found in medical room without any tag   | Tag should be installed immediately.   | Medical Room          | UC        | May-17 | MSA    | HSEQ            | Closed | Immediate   |
| 545 | Cover Box of FM 200 Found Missing   | Need to be repaired  | GIS Room              | UC        | May-17 | Person | C&I             | Closed | Immediate   |
| 546 | Ladder Found in Water Treat Plant without any barrication & tag   | Ladder Should be properly tagged or shifted to suitable                            | Water Treatment Plant | UC        | May-17 | MSW    | Operations      | Closed | Immediate   |
| 547 | Water spillage Observed in Water Treatment Plant  | It should be cleaned .   | Water Treatment Plant | UC        | May-17 | MSW    | BSS             | Closed | Immediate   |
| 548 | There was not enough barrication and tag for temporary storage in machine hall.                               | It should be barricated properly and tagged .                                      | Elev 245              | UC        | May-17 | MSW    | Operations      | Closed | Immediate   |
| 549 | Bucket used to collect water from Bypass valve of Booster Pump was found full & water was spilling through it | Bucket should be checked on hourly basis.  | Elev 245              | UC        | May-17 | MSW    | Operations      | Closed | Immediate   |
| 550 | Tag of GCB Found at bearing Lubrication Plant of U #2   | It should be placed at designated place .  | Elev 245              | UC        | May-17 | MSW    | Operations      | Closed | Immediate   |
| 551 | Lock of Shutter rolling Panel is out of order in warehouse.   | It should be repaired .  | Warehouse             | UC        | May-17 | MSW    | Warehouse (BSS) | Closed | Immediate   |
| 552 | Filled Fire extinguishers found without any expiring tag .  | Vendor should be strictly informed to tag these fire extinguishers after filling . | Warehouse             | UC        | May-17 | MSW    | HSEQ            | Closed | May 30,2017 |
| 553 | Badminton Net is placed over electric socket , as in case of sparking it can cause fire                       | It should be placed away from electric socket .                                    | Unloading Bay         | UC        | May-17 | MSW    | BSS             | Closed | Immediate   |

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| 554 | Cable needs proper conduiting at unloading bay  | Cable should be properly conduited or clamped .          | Unloading Bay                               | UC | May-17 | MSW     | Electrical | Closed | May 30 , 2017 |
| 555 | Lights are not working at stairs to El 227masl one at unit#1 side and other at unit#4 side.   | Light issue should be rectified to avoid any trip/fall.  | Stairs leading to elevation 227masl         | UC | May-17 | MSW     | Electrical | Closed | May 30 , 2017 |
| 556 | At elevation 227 masl First Aid box is placed over DWS  | There should be proper place for first Aid Box.          | At elevation 227 masl                       | UC | May-17 | MSW     | HSEQ       | Closed | May 30 , 2017 |
| 557 | Oil spillage is observed near HP pumps of unit#2 at elevation 227masl   | Cleanliness should be done to avoid any fall hazard      | At elevation 227 masl                       | UC | 1-May  | MSW     | BSS        | Closed | May 30 , 2017 |
| 558 | Lights are out of order in FF room , WTP ( on AHU,s and make up Pump) , Air Compressor Room , DG Room , Elev 245 ( Towards unit 4 wall ) , Unit #4 Stair case | Lights should be repaired on priority basis.             | DG Room, Elev 245, WTP, Air Compressor Room | UC | May-17 | MSA     | Electrical | Closed | May 30 , 2017 |
| 559 | Cover of Emergency Knob of AHUpanels is broken  | It should be Installed                                   | Elevator Room                               | UC | May-17 | MSA     | Operations | Closed | May 30,2017   |
| 560 | Cob Webx Found in DG Room   | It Should be Removed                                     | DG Room                                     | UC | May-17 | MSA     | BSS        | Closed | May 30,2017   |
| 561 | Cob Webx Found at Elev 227  | It Should be Removed                                     | Elev 227                                    | UC | May-17 | MSA     | BSS        | Closed | May 30,2017   |
| 562 | Emergency rescue winch (Tripod) is placed next to U#4. There must be designated area for the tripod winch and it must be easily accessible from all Units.    | There Should be proper designated place for tripod winch | Elev 245                                    | UC | May-17 | D-Level | HSEQ       | Closed | June 10 ,2017 |
| 563 | Water contaminated with oil was found in drain of Bulb Nose of Unit # 3 and Unit #4 needs to be cleaned periodically  | It Should be Cleaned Properly                            | Elev 227                                    | UC | May-17 | D-Level | BSS        | Closed | June 10 ,2017 |
| 564 | Control panel of water treatment plant is not secure as its door can't be lock secondly its panel is exposed anyone can operate.                              | Lock Should be Rectified                                 | Water Treatment Plant                       | UC | May-17 | D-Level | Operations | Closed | July 20 ,2017 |
| 565 | Need Proper Dressing of Power cables of Drainage Pumps.   | It Should be properly Dressed                            | Elev 227                                    | UC | May-17 | D-Level | Electrical | Closed | June 10 ,2017 |
| 566 | NBE radial gates pole lights breaker is not covered properly.   | It Should be properly Covered                            | NBE Gates                                   | UC | Jun-17 | D-Level | Operations | Closed | June 10 ,2017 |
| 567 | Poor housekeeping observed in stop logs area because muds/sands removed from stop logs and dropped below stop logs.   | It Should be Cleared Properly                            | Stop log area                               | UC | Jun-17 | D-Level | Civil      | Closed | Aug 31,2017   |

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| 568 | Cable tray at NBE Gates needs proper dressing cover.   | It Should be Dresses Properly   | NBE Gates            | UC | Jun-17 | D-Level | Electrical                   | Closed | Aug 31,2017   |
| 569 | Gaps in the trench cuttings for the Unit # 3 Upper bearing oil tanks are quite wide as compared to other units and may result in slip / trip or fall   | It Should be Rectified  | Elev 245             | UC | Jun-17 | D-Level | Operations                   | Closed | Aug 31,2017   |
| 570 | HIRARC and JSA isn't a control copy neither they are endorsed by HSE as per PTW procedure.   | HIRARC & JSA Should bring into record by creating their control copy  | Power Plant          | UC | Jun-17 | D-Level | HSEQ                         | Closed | June 10 ,2017 |
| 571 | Lights in dewatering pumps area are out of order, need to be checked   | Lights Should be Rectified  | Elev 227             | UC | Jun-17 | D-Level | Maintenance                  | Closed | June 10 ,2017 |
| 572 | Some employees observed driving motorcycle without helmet.   | Awareness about helmets should be given in D-levels   | Power Plant          | UA | Jun-17 | D-Level | Maintenance /Operations /HSE | Closed | June 10 ,2017 |
| 573 | Currently we don't have any scaffolder and rigger which is very important to avoid any incident in future.   | There Should be professional scaffolder & Rigger  | Power Plant          | UC | Jun-17 | D-Level | Management                   | Closed | Aug 31,2017   |
| 574 | Asset tags on HVAC instrumentation& Piping worn out  | There Should be proper assest tags  | HVAC Room            | UC | Jun-17 | D-Level | Maintenance                  | Closed | Aug 31,2017   |
| 575 | Electrical cord was found hanging on the aquarium placed at elevation 255  | It Should be Properly Rectified   | Elev 255             | UC | Jun-17 | D-Level | Electrical                   | Closed | July 20 ,2017 |
| 576 | Poor housekeeping observed in stop logs area because muds/sands removed from stop logs and dropped below stop logs   | Mud & Sand should be removed  | Stop log area        | UC | Jun-17 | D-Level | Civil                        | Closed | July 20 ,2017 |
| 577 | Breakers for tango building lights are installed outside .Needs to be relocated in panel or proper place.  | Breakers Should Relocated Inside  | NBE Gates            | UC | Jun-17 | D-Level | Electrical                   | Closed | Aug 31,2017   |
| 578 | HVAC Deep Well scaffolding was being dismantled and a worker was found throwing scaffold clamps while standing on the platform towards a pile of material a few meters away  | Workers should use a bucket instead of throwing clamps  | HVAC Deep well pumps | UA | Jun-17 | MSA     | Mechanical                   | Closed | Immediate     |
| 579 | Power supply for fish aquarium at new location (in front of male washroom door at entrance lobby) is provided by a drum extension, loosely shoved between wall and top cover of aquarium to hold it in place (unsafe), | To provide adequate supply socket for aquarium at new location for preventing any damage to equipment or short circuiting | Elev 255             | UC | Jun-17 | MSA     | BSS                          | Closed | 15-Jul-17     |
| 580 | Filth accumulated at passageway at El. 251 GIS entrance area   | To maintain housekeeping and cleaning of the area on a regular basis  | Elev 251             | UC | Jun-17 | MSA     | BSS                          | Closed | Immediate     |

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| 581 | Unit 4 side Staircase to El. 227 appearing very dirty and requires thorough cleaning  | To maintain housekeeping and cleaning of the area on a regular basis                | Elev 227      | UC | Jun-17 | MSA    | BSS         | Closed | Immediate   |
| 582 | Water droplets falling at a rate of 2-3 drops/sec observed under unit 2, next to hydraulic link panel on upstream side wall, forming a puddle | To conduct thorough cleanup of the area and check source of water leakage           | Elev 227      | UC | Jun-17 | MSA    | Operations  | Closed | Oct 31,2017 |
| 583 | Tubelights fused at Unit 1 side Staircase to El 227   | To ensure replacement of fused lighting around the power house as and when required | Elev 227      | UC | Jun-17 | MSA    | Electrical  | Closed | Aug 31,2017 |
| 584 | Braces of Step Portable ladder found damaged in Workshop  | It Should rectify   | Workshop      | UC | Jun-17 | Person | Electrical  | Closed | Immediate   |
| 585 | Sign Boards on Fire Hose reel found missing   | Proper sign boards should be displayed  | Elev 259.9    | UC | Jun-17 | Person | HSEQ        | Closed | Immediate   |
| 586 | There was housekeeping issues on Elev 259.9 & barrication was not removed after finishing of work   | There should be proper box up after finishing of every activity                     | Elev 259.9    | UC | Jun-17 | Person | Maintenance | Closed | Immediate   |
| 587 | Key Found in Panel Lock at NBE gates Contro Room  | Keys should be hanged on the key holder   | NBE Gates     | UC | Jun-17 | Person | Operations  | Closed | Immediate   |
| 588 | Sign Board of Assembly Point 2 is found missing   | Proper sign boards should be displayed  | Stop log area | UC | Jun-17 | Person | HSEQ        | Closed | Immediate   |
| 589 | Poor House Keeping in WTP.  | It should be Cleaned properly.  | WTP           | UC | Jun-17 | MSW    | BSS         | Closed | Immediate   |
| 590 | Dustbins are full of waste material at unloading bay.   | It should be cleaned immediately.   | Unloading Bay | UC | Jun-17 | MSW    | BSS         | Closed | Immediate   |
| 591 | <b>Flood Lights at the unloading Bay is</b>   | It should be replaced with New one.   | Unloading Bay | UC | Jun-17 | MSW    | Electrical  | Closed | 30-Jul-17   |
| 592 | Ground terminals of Shaft Seal Drain Flow Meter is not grounded.  | It should be grounded properly.   | Elev 227      | UC | Jun-17 | MSW    | Maintenance | Closed | Oct 31,2017 |
| 593 | Extended Scaffolding pipe is found at Drainage pit man hole.  | It should be cleared immediatly.  | Elev 227      | UC | Jun-17 | MSW    | Maintenance | Closed | 30-Jul-17   |
| 594 | Tube light in Stair case at El 245 masl found out of order.   | It should be replaced with new one.   | Elev 245      | UC | Jun-17 | MSW    | Electrical  | Closed | 30-Jul-17   |
| 595 | Leakage observed from Fire fighting System Near Unit # 4.   | It should be rectify Properly.  | Elev 245      | UC | Jun-17 | MSW    | Maintenance | Closed | Immediate   |

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| 596 | Drain at unloading bay is un cover.  | It should be covered put it under inherent safety                          | Unloading Bay          | UC | Jun-17 | MSW     | Maintenance | Closed | 30-Jul-17   |
| 597 | Door closers need to be installed at worker club doors.  | It should be installed   | Workers Club           | UC | Jul-17 | D-Level | Civil       | Closed | 30-Jul-17   |
| 598 | Grass & wild growth seen in NBE gates lawn and near to the deep well   | Wild growth should be removed  | NBE Gates              | UC | Jul-17 | D-Level | Operations  | Closed | 30-Jul-17   |
| 599 | Immediate repairs needed on both bridges of NBE Gate and Old Bong  | Repairing should be done   | NBE Gates Bridge       | UC | Jul-17 | D-Level | BSS         | Closed |             |
| 600 | Hooter cable and Breaker for building lighting Cables needed to be proper dress up                                   | It should be dressed up properly   | NBE                    | UC | Jul-17 | D-Level | Maintenance | Closed | 30-Jul-17   |
| 601 | Pending inspection for fire extinguisher at NBE gates CCR  | Thoroughly Inspection should be carried out                                | NBE Gates              | UC | Jul-17 | D-Level | HSEQ        | Closed | 30-Jul-17   |
| 602 | 4 Tango Lights and 4 tube lights found out of order at NBE Gate  | Lights should be rectified   | NBE Gates              | UC | Jul-17 | D-Level | Maintenance | Closed | 30-Jul-17   |
| 603 | NBE Gates control room AC is not cooling properly  | AC should be properly repaired and made in working condition.              | NBE Gates              | UC | Jul-17 | D-Level | Operations  | Closed | 30-Jul-17   |
| 604 | Lifting device at Elev 245. needs to be relocated because its wood piece base is in drain which disturbs its seepage | It Should be relocated   | Elev 245               | UC | Jul-17 | D-Level | Operations  | Closed | Aug 31,2017 |
| 605 | Rain water seeping through the roof through Beam of NBE Gate Control Room.   | Leakage should be rectified  | NBE Gates Control Room | UC | Jul-17 | D-Level | LEL         | Closed | 30-Jul-17   |
| 606 | Drain pipe is lying in front of the worker's mess door making a trip hazard  | A U shaped Clamp should be installed in order to eliminate tripping hazard | Workers Club           | UC | Jul-17 | D-Level | Maintenance | Closed | 30-Jul-17   |
| 607 | No lights have been installed on electric overhead crane making dark on the crane                                    | Lights should be installed   | Overhead Cranes        | UC | Jul-17 | D-Level | Maintenance | Closed | Aug 31,2017 |

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| 608 | Some one was observed smoking inside the vehicle in car parking area   | There should be some signboard to aware the people not to smoke inside vehicle   | Car Parking Area | UA        | Jul-17 | D-Level | HSEQ        | Closed | Sign Boards are installed at different places including car parking area             |
| 609 | Door of transformer deck should be open as in case of closed door people has to pass under the 132 kv lines for accessing the stoplogs area  | Door should be open or access should be provided                                 | Transformer Deck | UC        | Jul-17 | D-Level | Management  | Closed |  |
| 610 | High Noise observed in NBE Gates control Room  | Noise Monitoring should be carried out at NBE Gates control room                 | NBE Gates        | UC        | Jul-17 | D-Level | HSEQ        | Closed | Noise Level has been checked with Sound level detector & found in permissible limits |
| 611 | Water Leakage is observed from AC at NBE Gates as water droplets are falling at Electrical Socket which cause electrocution  | Water Leakage should be rectified  | NBE Gates        | UC        | Jul-17 | D-Level | Operations  | Closed | Leakage has been rectified   |
| 612 | Deficiencies has been observed in First Aid box at NBE Control room  | First Aid Boxes should be properly filled with complete apparatus                | NBE Gates        | UC        | Jul-17 | D-Level | HSEQ        | Closed | First Aid box is filled now by Medic Staff   |
| 613 | Trash Found Lying on ground near intake area   | Need to be removed   | Intake area      | UC        | Jul-17 | MSW     | Maintenance | Closed | 30-Jul-17  |
| 614 | It has been observed that all panel doors are being kept open in order to keep the panel temperature at appropriate level for the safety of the systems installed inside the panels i.e creating additional safety Hazard  | Panel doors should be kept closed  | CCR              | Near Miss | Jul-17 | MSW     | Operations  | Closed |  |
| 615 | It is being highlighted that as per the operational requirement of the clean agent fire extinguishing system (FM 200) installed in the rooms (CCR and Communication Room), the doors should be kept closed for the effectiveness of the system in case of operation, however, same is not being followed | Doors should always be closed in order to meet the requirements of FM 200 System | CCR              | Near Miss | Jul-17 | MSW     | Operations  | Closed |  |
| 616 | Lights in sewerage pumps area are out of order, need to be checked.  | Lights need to be rectified  | Sewerage pumps   | UC        | Jul-17 | D-Level | Maintenance | Closed | 30-Jul-17  |

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| 617 | Proper access to the top of pit is required. (by providing a ladder)   | Proper access should be provided  | Sewerage Pit     | UC | Jul-17 | D-Level | Maintenance | Closed |             |
| 618 | A security guard was observed passing under lifting gate in front of Gate 1. Potential of serious injury in case of gate coming down.  | Any Person Should not pass under the Lifting gate   | Gate 1           | UA | Jul-17 | MSA     | BSS         | Closed | Immediate   |
| 619 | Security protocol was fine as gate 1 informed CCR about my entry in plant area   | There should be strict security at all gates of NBE   | NBE gates        | GP | Jul-17 | MSA     | BSS         | Closed | Immediate   |
| 620 | Housekeeping issues in the lawn and road descending towards tail race in front of gate 1   | Proper Housekeeping Should be maintained  | Tailrace side    | UC | Jul-17 | MSA     | Civil       | Closed | 30-Jul-17   |
| 621 | Explore possibility of placing 10 motorbike helmets at gate leading to LEL office for policemen. They should wear it till place of duty and return on the way back.  | There Should be Helmets placed at main gate for policemen                                   | Main gate of NBE | UC | Jul-17 | MSA     | LEL         | Closed | 10-Aug-17   |
| 622 | SCE was not wearing safety shoes in CCR  | Operation staff should always wear them to avoid delays in emergencies.                     | CCR              | UA | Jul-17 | MSA     | Operations  | Closed | Immediate   |
| 623 | SSCE must write down the isolations required for any job in "isolation & normalization" form before BO is allowed to isolate it. This is not the practice as discussed with SSCE   | SSCE Must write down the isolations of Isolations & normalization form                      | CCR              | UA | Jul-17 | MSA     | Operations  | Closed | Immediate   |
| 624 | BO and JBO found in PPE  | BO & JBO should always be in Proper PPE,s   | Elev 245         | GP | Jul-17 | MSA     | Operations  | Closed | Immediate   |
| 625 | Two staff members of maintenance section were carrying out the job by using inappropriate methodology. The equipment which was under rectification was not properly clamped which could have resulted in personal injury | Proper methodology should be used for carrying out the job to avoid personal injuries.      | Elev 245         | UA | Jul-17 | MSA     | Maintenance | Closed | Immediate   |
| 626 | No first aid box was found near WTP room at EL. 245m.  | First aid box should be available to avoid delay in giving first aid to the injured person. | Elev 245         | UC | Jul-17 | MSA     | HSEQ/BSS    | Closed | Aug 31,2017 |



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| 627 | Improper housekeeping was observed inside the WTP room at EL. 245m.   | Proper housekeeping should be maintained.   | WTP            | UC | Jul-17 | MSA | BSS        | Closed | Immediate   |
| 628 | Grease drops were observed under 30-tons overhead crane.  | Proper housekeeping should be performed on daily basis to avoid slipping hazard   | Elev 245       | UC | Jul-17 | MSA | BSS        | Closed | Immediate   |
| 629 | All the fire extinguishers of power house were inspected for the month of July 2017.  | Good Practices should always be appreciated   | Plant          | GP | Jul-17 | MSA | HSEQ       | Closed |             |
| 630 | Rust water was found spilled from discarded foot frame placed under staircase of left hand side at EL 227m.   | Discarded foot frame should be removed to appropriate place and Proper housekeeping should be performed on daily basis to avoid slipping hazard | Elev 227       | UC | Jul-17 | MSA | Operations | Closed | 10-Aug-17   |
| 631 | Oil spill was observed near unit # 4 at EL. 227 which can cause serious personal injuries due to slipping hazard  | Proper housekeeping should be performed basis to avoid slipping hazard  | Elev 227       | UC | Jul-17 | MSA | BSS        | Closed | 10-Aug-17   |
| 632 | Due to improper placement of cabinet in library room near CCR, proper access way and ventilation for maximo server could not be achieved                                      | Cabinet to be arranged in parallel to avoid obstruction so that the air could be ventilated for maximo server                                   | CCR            | UC | Jul-17 | MSA | Operations | Closed | Aug 31,2017 |
| 633 | Panels of the cubicles installed in telecommunication rooms were found open. This can lead to serious hazard  | All the doors of the panels should be closed properly   | Telecom Room   | UC | Jul-17 | MSA | Operations | Closed | Immediate   |
| 634 | Inside the control room, there is no marking for the identification of smoke sensors installed under the false floor.   | Tiles should be marked for the sensors location under false floor.  | CCR            | UC | Jul-17 | MSA | Operations | Closed | Aug 31,2017 |
| 635 | An emergency telephone installed in CCR which is used for notifying the system for fire in case of emergency was found concealed behind the permit to work cabinet.           | The emergency phone should be relocated to any suitable location so that the installed equipment can be utilized properly.                      | CCR            | UC | Jul-17 | MSA | Operations | Closed | Aug 31,2017 |
| 636 | Trench passing under the New guard room was found full of seasonal shrubs which blocked the water drainage. It was also highlighted in previous Month but No action taken yet | All shrubs should be removed.   | New Guard Room | UC | Jul-17 | MSA | Civil      | Closed | 10-Aug-17   |

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| 637 | A security guard was found sitting in the middle of the shrubs, this is a snake season so there is a hazard of snake bite.  | His location should be changed to avoid the bio Hazard        | NBE                         | UA | Jul-17 | MSA | BSS         | Closed | 10-Aug-17 |
| 638 | Damaged Lock of cupboard was found in first aid room.   | New lock should be installed.                                 | First Aid Room              | UC | Jul-17 | MSA | Civil       | Closed | 10-Aug-17 |
| 639 | Dirty tiles were observed in washrooms of Elevation 255 and Elevation 245.  | All tiles at identified locations should be clean immediately | Elev 245 & 255              | UC | Jul-17 | MSA | BSS         | Closed | 10-Aug-17 |
| 640 | Mechanical crew was working on air compressor and it was observed that provision of locks was Available and also mentioned in permit but locks were not applied on valves.  | Lock out tag out should be religiously implemented.           | Compressor Room             | UC | Jul-17 | MSA | Operations  | Closed | 10-Aug-17 |
| 641 | Rain Water Found Between the Track of Stop logs , as there is no drain for rain water and with passage of time the accumulated water may seep through and settle the area (signs already there) and will start damaging the base of track which can cause problems in stoplogs Pulling in Future . According to safety contact made with crane operator there is drain issues of water & it creates a lot of issues during any activity on stoplog area | There should be proper drain for rain water                   | Stop log area               | UC | Jul-17 | MSA | Civil       | Closed | 20-Aug-17 |
| 642 | Stop Logs Pulling Activity observed & Safety contacts has been made with mechanical section , in which safety briefing has been given to them about hazards during pulling activity . Good practise is observed regarding PPE,s Compliance  | Good Practises should always be appreciated                   | Stop log area               | GP | Jul-17 | MSW | Maintenance | Closed |           |
| 643 | Mud accumulated on the rail track of Intake gantry Crane creating housekeeping issues and slip in case of work I that area.   | Mud Should be removed form railtrack                          | Rail Track of Gantry Cranes | UC | Jul-17 | MSW | Civil       | Closed | 20-Aug-17 |
| 644 | Earthing cable near deluge valves for transformer found damaged   | It Should be rectified  | Deluge System               | UC | Jul-17 | MSW | Maintenance | Closed | 20-Aug-17 |

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| 645 | Door Stopper of Electrical room found damaged , if not rectified the door can travel futher and would damage the earthing wire passing near to door  | Door stopper should be rectified                          | Elev 245              | UC | Jul-17 | MSW | Civil       | Closed | 20-Aug-17 |
| 646 | 2 Oil Drums found in Workshop with drip tray . According to safety contact made with a technician the oil is T 68 lubricating oil . MSDS of T 68 was not dispalyed at site , so it is advised to mechanical Section about installation of MSDS | MSDS of all materials should be displayed wherever stored | Workshop              | UC | Jul-17 | MSW | Maintenance | Closed |           |
| 647 | Poor House Keeping in Electrical Store At 245masl.   | 5S should be implemented.                                 | Elev 245              | UC | Jul-17 | MSW | BSS         | Closed |           |
| 648 | Wild growth has been observed near intake stoplogs   | Proper cutting must be done.                              | Intake Stop Logs area | UC | Jul-17 | MSW | Civil       | Closed |           |
| 649 | At unloading bay cable is without conduiting.  | Proper conduiting is required to avoid any hazard.        | Unloading Bay         | UC | Jul-17 | MSW | Electrical  | Closed | 20-Aug-17 |
| 650 | Trash is temporary stored at assembly point 2 near transformer deck.   | Proper settlement must be required.                       | Intake Side           | UC | Jul-17 | MSW | Civil       | Closed |           |
| 651 | At machine, after activity the residuals of material are present.  | It should be cleaned afetr every job.                     | Workshop              | UC | Jul-17 | MSW | Mechanical  | Closed |           |
| 652 | In workshop spider webs are observed.  | Proper house keeping required.                            | Workshop              | UC | Jul-17 | MSW | BSS         | Closed | 20-Aug-17 |
| 653 | In work shop broken chair is present.  | It must be dispose off properly.                          | Workshop              | UC | Jul-17 | MSW | Mechanical  | Closed |           |
| 654 | Scaffolding pipes are observed outside workshop near HVAC system.  | They should be placed at proper place.                    | Deep Well Pumps       | UC | Jul-17 | MSW | Mechanical  | Closed |           |

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| 655 | Turbine shaft access hatch cover of Unit # 1 is very hard to open due to its misalignment.          | It Should be Rectified  | Unit #1             | UC | Aug-17 | D-Level | Maintenance | Closed | 20-Aug-17   |
| 656 | 10. Garbage lying near monthly storage tank of DG Set at Elev: 259.                                 | It Should be Removed  | Elev 259.9          | UC | Aug-17 | D-Level | Civil       | Closed |             |
| 657 | Use of phone while driving was observed many times inside the plant and colony.                     | Awareness about Use of phone during driving should be given in D-levels | Plant area          | UA | Aug-17 | D-Level | HSEQ        | Closed |             |
| 658 | Proper cover to be needed on Emergency Push Button of 750 KVA D.G                                   | Proper Cover should be provided   | DG 750 KVA          | UC | Aug-17 | D-Level | Operations  | Closed | Oct 31,2017 |
| 659 | Stair case found to be slippery leading to Elev. 227 both sides. Serious Trip Hazard                | Proper HouseKeeping Should be maintained                                | Elev 227            | UC | Aug-17 | D-Level | BSS         | Closed |             |
| 660 | Wasps Honeycomb found near Firefighting Tank @ Elev 270.Need to be removed.                         | It should be removed  | Elev 270            | UC | Aug-17 | D-Level | BSS         | Closed | 20-Aug-17   |
| 661 | Wash basin mixer at machine hall Elev: 245 is loose and English commode water tank pipe is leaking. | It Should be Rectified  | Elev 245            | UC | Aug-17 | D-Level | BSS         | Closed | 20-Aug-17   |
| 662 | Passenger elevator down push button is loose and need proper tightness with magic                   | Push Button Should be fixed with permanent arrangement                  | Elev 265            | UC | Aug-17 | D-Level | Electrical  | Closed | 20-Aug-17   |
| 663 | There is a huge wild growth around the NGH building   | Wild Growth Across the NGH should be removed                            | NBE Gates           | UC | Aug-17 | D-Level | Civil       | Closed | 20-Aug-17   |
| 664 | No drainage line is available for raining water at Intake gantry crane.                             | Proper Drainage should be provided to avoid any civil structure damage. | Intake Gantry Crane | UC | Aug-17 | MSW     | Civil       | Closed | 20-Sep-17   |

|     |   |  |                     |    |        |     |            |        |           |
|-----|---|--|---------------------|----|--------|-----|------------|--------|-----------|
| 665 | Control panel of intake gantry crane was found open which can be misused or cause malfunctioning of crane.  | Panel lock must be replaced.   | Intake Gantry Crane | UC | Aug-17 | MSW | Civil      | Closed | 20-Sep-17 |
| 666 | The washroom of Guard room near Gate # 2 was found dirty.   | Genetorial staff should be instructed to clean it.                                     | Guard room Gate # 2 | UC | Aug-17 | MSW | BSS        | Closed | Immediate |
| 667 | Fire Extinguisher was not signed off.   | It has been signed after instructed.   | Guard room Gate # 2 | UC | Aug-17 | MSW | HSEQ       | Closed | Immediate |
| 668 | The air-conditioners at guard room near gate # 2 were found malfunctioned.  | Electric section should maintained them.   | Guard room Gate # 2 | UC | Aug-17 | MSW | Electrical | Closed | 10-Sep-17 |
| 669 | Electric heater found at guard room near gate # 2.  | Instructions were given to remove it to avoid any fire.                                | Guard room Gate # 2 | UC | Aug-17 | MSW | BSS        | Closed | 10-Sep-17 |
| 670 | Cable is passing through window which can be damaged while closing of window.   | Proper Conduiting must be provided.  | Guard room Gate # 2 | UC | Aug-17 | MSW | Electrical | Closed | 10-Sep-17 |
| 671 | At main t/f #3 saddles are found damaged and cable conduits are resting over tube light.  | Saddles must be changed as soon as possible.   | Transformer # 3     | UC | Aug-17 | MSW | Electrical | Closed | 10-Sep-17 |
| 672 | Warning sign boards related to the overhead high voltage line were installed near LEL Office and Sambu Office.                                      | Warning Signs Should be Installed  | LEL & Sambu office  | UC | Aug-17 | MSA | Electrical | Closed | Immediate |
| 673 | Electric Panels in Colony Were locked ,Secured , IP Class was mentioned & area was clear of wild growth   | This Good Practise should be maintained at all electric panels in power plant premises | Colony Area         | GP | Aug-17 | MSA | Electrical | Closed | Immediate |
| 674 | Improper Access to the RMU room is observed , Clearance of vegetation required , Electrical Hazard Sign Missing, No light available inside the room | Access must be kept clear of obsrtuctions. & Electric Sign should be displayed         | Colony Area         | UC | Aug-17 | MSA | Electrical | Closed | Immediate |
| 675 | Exposed cables need to be protected around LEL Gererator ,Electrical Hazard sign missing,Vegetation growth observed in the area                     | It Should be rectified   | LEL Office          | UC | Aug-17 | MSA | Electrical | Closed | Immediate |
| 676 | Unidentified and Sagged Cable was Observed near new guard room  | It Needs Proper Routing  | New Guard Room      | UC | Aug-17 | MSA | Electrical | Closed |           |

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| 677 | Transformer near main entrance to the complex required proper fencing as presently it is easily accessible to human and animals.<br>Electrical Hazard Signs missing.                     | Proper Fencing & Signage should be installed | New Guard Room | UC | Aug-17 | MSA        | Electrical  | Closed | Immediate |
| 678 | Overhead cable clearance and electrical hazard signs need to be displayed for movement of heavy equipments ( cranes, dumper trucks etc.) on the road near colony gate and Laundry rooms. | Clearance & Hazard Signs should be displayed | Colony Area    | UC | Aug-17 | MSA        | Electrical  | Closed | 10-Sep-17 |
| 679 | Web Combs found at Elev 260 Near Emergency Exit  | It Should be removed                         | Elev 260       | UC | Aug-17 | UC/UA Card | BSS         | Closed | 31-Aug-17 |
| 680 | In Stop Log Area there is no cover on Boring Pipes   | Boring Pipes should be installed             | Stop log area  | UC | Aug-17 | UC/UA Card | LEL         | Closed | 31-Aug-17 |
| 681 | Dust bin place at El 251 near warehouse office has no lid.   | Dust bin should be replaced with new one.    | Elev 251       | UC | Aug-17 | MSW        | BSS         | Closed | 31-Aug-17 |
| 682 | A storage box placed at unloading bay without barrication  | It should be properly bericated.             | Elev 251       | UC | Aug-17 | MSW        | Operations  | Closed | 31-Aug-17 |
| 683 | Power Cable for Flood Lights at the unloading Bay is not properly routed.  | It should be properly routed.                | Elev 251       | UC | Aug-17 | MSW        | Maintenance | Closed | 31-Aug-17 |
| 684 | Power Supply DB for SF 6 cylinder is not covered in GIS.   | It should be covered Properly.               | Elev 251       | UC | Aug-17 | MSW        | Maintenance | Closed | 31-Aug-17 |
| 685 | DCP Cylinder is Depressurized in GIS Room.   | It should be rectify Properly.               | Elev 251       | UC | Aug-17 | MSW        | HSEQ        | Closed | 31-Aug-17 |
| 686 | Tube Lights in staircase at backside of GIS room is out of order.  | It should be replaced with new one.          | Elev 251       | UC | Aug-17 | MSW        | Maintenance | Closed | 31-Aug-17 |
| 687 | Fire alarm sign is not properly paste at El 245 masl.  | It Should be pasted properly                 | Elev 245       | UC | Aug-17 | MSW        | HSEQ        | Closed | 31-Aug-17 |
| 688 | Telephone Cables in LCU 5 Room is not properly routed.   | It should be routed properly..               | Elev 245       | UC | Aug-17 | MSW        | Maintenance | Closed | 31-Aug-17 |
| 689 | Poor House keeping at El: 227, as dirty water spills near Entrance of El:227.  | Proper Housekeeping should be maintained     | Elev 227       | UC | Aug-17 | MSW        | BSS         | Closed | 31-Aug-17 |

|     |  |   |          |           |        |                       |             |        |             |
|-----|--|---|----------|-----------|--------|-----------------------|-------------|--------|-------------|
| 690 | A Wooden Piece is present on the cable trays in LCU 5 Room.  | It should be Removed immediately .  | Elev 245 | UC        | Aug-17 | MSW                   | Operations  | Closed | 31-Aug-17   |
| 691 | Iron Bar for cable tray is tied with a wire in DC Battery Charger Room.  | It should be properly fixed.  | Elev 245 | UC        | Aug-17 | MSW                   | Operations  | Closed | 31-Aug-17   |
| 692 | Rain Water Leakage observed at different locations of Power House i.e. Electrical Gallery-2, GIS Room & Machine Hall.  | It Should be rectified Immediately.   | Elev 245 | UC        | Aug-17 | MSW                   | SAMBU       | Closed | 31-Aug-17   |
| 693 | Rain water leakage observed at elevator room elev: 270 in cable tray which can lead to short circuit, also the water accumulated on the floor have potential of slip/trip hazard.                  | It Should be rectified  | Elev 270 | UC        | Aug-17 | D-Level               | BSS         | Closed | 31-Aug-17   |
| 694 | Stair case found to be slippery leading to Elev. 227 both sides. Serious Trip Hazard   | Stairs should be cleaned regularly and signage of wet floor should be displayed.        | Elev 227 | UC        | Aug-17 | D-Level               | BSS         | Closed | 31-Aug-17   |
| 695 | Water leakage observed between the AHU's at El.245 masl which may cause slip, trip & fall  | Proper Housekeeping should be maintained in WTP   | Elev 245 | UC        | Aug-17 | D-Level               | BSS         | Closed | 31-Aug-17   |
| 696 | Stainer at suction line of FF engine are very hard to disengage as locks used for loto are rusty & out of order , so in order to remove stainers ,mechanical staff has to break the locks          | Locks should be replaced immediately  | El 270   | Near Miss | Aug-17 | Near Miss Report Form | Operations  | Closed | Oct 31,2017 |
| 697 | Red carpet edges in the middle of entrance lobby are posing tripping hazard  | To rectify ASAP   | Elev 255 | UC        | Sep-17 | MSA                   | BSS         | Closed | Immediate   |
| 698 | Wireless router is dislodged from fixture, hanging by ethernet cable at entrance lobby   | To reinstall back at wall fixture/hook properly   | Elev 261 | UC        | Sep-17 | MSA                   | BSS         | Closed | Immediate   |
| 699 | Broken chair at CCR placed on the side, may cause serious injury to unaware persons  | To remove broken chair from premises immediately and get it repaired/replaced ASAP      | CCR      | UC        | Sep-17 | MSA                   | Operations  | Closed | Immediate   |
| 700 | Small Lighting & Power DBs at library El. 265 had one faulty panel door lock. Moreover, new key was left placed in panel lock. When asked why, it was revealed that this way key is not misplaced. | To replace faulty door lock and devise a system for safekeeping & marking of panel keys | CCR      | UA        | Sep-17 | MSA                   | Operations  | Closed | Immediate   |
| 701 | No barrication around temporary storage at unloading bay, next to area used for badminton  | To ensure shipment boxes are stored within barricaded temporary storage areas at plant  | Elev 251 | UC        | Sep-17 | MSA                   | Operations  | Closed | Immediate   |
| 702 | Drain pipe of AHU-01A is directing water away from designated drain, which is spilling over the floor of the room  | Modify the pipe according to location of drain  | WTP      | UC        | Sep-17 | MSA                   | Maintenance | Closed |             |

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|-----|---|--|--------------------|-----------|--------|-----------------------|--------------------------|--------|-------------|
| 703 | Fire Alarm Signs were missing at Transformer Deck & at Elev 245   | Fire Alarms Signs Should be Properly Pasted                                      | Elev 245           | UC        | Sep-17 | MSA                   | HSEQ                     | Closed | 5-Sep-17    |
| 704 | Electric Hazard Sign was missing at Electric Panel  | Signs should be places in order to aware the workers about hazards               | Elev 261           | UC        | Sep-17 | MSA                   | HSEQ                     | Closed |             |
| 705 | There is not any smoking point outside the italtec office   | A designated smoking point must be there   | Italtec Office     | UC        | Sep-17 | UC/UA Card            | HSEQ                     | Closed |             |
| 706 | Mechanical Crew was working on Installation of Additional Valve for Maintenance seal without Safety harness   | PPE,s Compliance should be 100 %   | Elev 245           | Near Miss | Sep-17 | Near Miss Report Form | Maintenancwe             | Closed |             |
| 707 | There is no proper access for the deep well pump area. Slip, trip & electrocution hazard while entering the Deep well pump area for the operation.  | It should be rectified   | Elev 255           | UC        | Sep-17 | D-Level               | BSS/Maintenance          | Closed | Immediate   |
| 708 | Library/Fire Fighting Room has no auto fire extinguisher although the room has abundant of combustible materials i.e. Manuals & wood racks.   | Auto fire extinguisher system should be  | CCR                | UC        | Sep-17 | D-Level               | Operations / Maintenance | Closed | Oct 31,2017 |
| 709 | Contingency Plan has not been updated /revised since 11/04/2014.Needs to be revised   | It Should be Revised   | CCR                | UC        | Sep-17 | D-Level               | Operations/HSEQ          | Closed | 10-Oct-17   |
| 710 | No Sand found in the Fire Bucket at NBE Gates .Need to be refill  | It Should be Filled  | NBE Gates          | UC        | Sep-17 | D-Level               | HSEQ                     | Closed | 10-Oct-17   |
| 711 | Mold /fungus found in water Despensor bottle placed at El:245 for operators   | Mold Fungus Should be removed or water dispenser should be replaced with new one | Elev 245           | UC        | Sep-17 | D-Level               | BSS                      | Closed | Immediate   |
| 712 | Chairs for operators need to be replaced with new ones.   | Chairs should be repaired or replaced  | Elev 245           | UC        | Sep-17 | D-Level               | Operations               | Closed | 10-Oct-17   |
| 713 | No car parking in living area.  | There should be proper parking area  | Colony Area        | UC        | Sep-17 | D-Level               | LEL                      | Closed | 30-Oct-17   |
| 714 | Some nut bolts of 85 ton over head crane track not firmly   | It should be fixed properly  | Elev 255           | UC        | Sep-17 | D-Level               | Maintenance              | Closed | 10-Oct-17   |
| 715 | 7 out 8 lights were out of order. Need replacement in Sew   | Lights should be replaced  | Sewage System      | UC        | Sep-17 | D-Level               | Maintenance              | Closed | 20-Oct-17   |
| 716 | A lot of carbon dust is inhaled while performing preventing maintenane on brush gear of unit. The special dust mask should be procured to avoid this as it can cause serious health problems.     | Adequate Equipments Should be provided to avoid its hazards                      | Brush Gear System  | UC        | Sep-17 | D-Level               | HSEQ/Maintenance         | Closed | 20-Oct-17   |
| 717 | Water leakage was observed in the access shaft of unit # 01 which can damage the Motor Operated Valve (MOV).  | Water Leakage should be rectified  | U #1 Turbine acces | UC        | Sep-17 | D-Level               | Maintenance              | Closed | 20-Oct-17   |
| 718 | It has been observed that the people inside the maintenance workshop office are unable to hear the annunciation (AZZAN, Emergency Evacuation) through PAS as there is no speaker installed there. | PAS system issue should be addressed immediately                                 | Workshop           | UC        | Sep-17 | D-Level               | Maintenance              | Closed | 20-Oct-17   |
| 719 | Door Closer of CCR main enterance door found damaged  | It Should be rectified   | CCR                | UC        | Sep-17 | MSW                   | Civil                    | Closed | 20-Oct-17   |



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|-----|--|--|-----------|----|--------|-----|-------------|--------|-------------|
| 720 | Cable is not properly routed in Communication room.                                      | It Should be properly routed   | Elev 265  | UC | Sep-17 | MSW | Maintenance | Closed | 20-Oct-17   |
| 721 | A DCP cylinder found over pressurized in GIS room.                                       | It Should be replaced  | Elev 245  | UC | Sep-17 | MSW | HSEQ        | Closed | 20-Oct-17   |
| 722 | Back door of PABX panel is found broken.   | It Should be Fixed   | CCR       | UC | Sep-17 | MSW | Operations  | Closed | Oct 31,2017 |
| 723 | Ply wood under the sink in Kitchen is not in good condition                              | It should be replaced with a fiber sheet.  | Elev 265  | UC | Sep-17 | MSW | BSS         | Closed | 20-Oct-17   |
| 724 | Water found on the kitchen floor which may cause slip hazard                             | It should be cleaned periodically in a day.  | Elev 265  | UC | Sep-17 | MSW | BSS         | Closed |             |
| 725 | Oven in kitchen is found rusty from inside.  | It should be replaced with new one.  | Elev 265  | UC | Sep-17 | MSW | BSS         | Closed | Immediate   |
| 726 | Dust bin found full of waste material in workshop.                                       | Dust Bins should be cleaned on daily basis   | Workshop  | UC | Sep-17 | MSW | BSS         | Closed | Immediate   |
| 727 | Floor Concrete at the back side of car parking area found damaged                        | It should be fixed properly.   | Elev 255  | UC | Sep-17 | MSW | Civil       | Closed | 20-Oct-17   |
| 728 | Lock of Visitor room & First Aid room found out of order.                                | Should be replaced with new one.   | Elev 261  | UC | Sep-17 | MSW | Civil       | Closed | 20-Oct-17   |
| 729 | FM 200 cylinder in the GIS room found over pressurized.                                  | It should be replaced.   | Elev 251  | UC | Sep-17 | MSW | HSEQ        | Closed | 20-Oct-17   |
| 730 | Poor house keeping in GIS Room.  | It should be cleaned properly.   | Elev 251  | UC | Sep-17 | MSW | BSS         | Closed | 20-Oct-17   |
| 731 | Fungus/mold found in the water dispenser bottle in LCU                                   | Bottles should be cleaned regularly  | Elev 245  | UC | Sep-17 | MSW | BSS         | Closed | Immediate   |
| 732 | Leakage observed from gate valve in water treatment plant                                | Leakage should be rectified  | Elev 245  | UC | Sep-17 | MSW | Maintenance | Closed | 20-Oct-17   |
| 733 | DCP cylinder outside the DG room found over pressurized                                  | It Should be replaced with new one   | Elev 245  | UC | Sep-17 | MSW | HSEQ        | Closed | 20-Oct-17   |
| 734 | Needle of DCP Cylinder at the entrance of EL: 227, found damaged                         | It Should be replaced with new one   | Elev 227  | UC | Sep-17 | MSW | HSEQ        | Closed | 20-Oct-17   |
| 735 | Exhaust pipe of FF engine is now covered with HVAC foil and insulating material.         | It was observed as a good practice.  | NBE Gates | GP | Sep-17 | MSW | Maintenance | Closed |             |
| 736 | In workshop one of the fire extinguisher is hanged behind the door                       | There should be no hurdle in access of FF extinguisher so it must be hanged at proper place. | Workshop  | UC | Sep-17 | MSW | HSEQ        | Closed | 20-Oct-17   |
| 737 | C&I Store was observed with proper tagging system. Each Segment was properly tagged off. | It was observed as good practice.  | Workshop  | UC | Sep-17 | MSW | Maintenance | Closed |             |
| 738 | Leakage was observed from FF tank.   | Issue must be resolved asap to avoid any serious damage.                                     | FF Room   | UC | Sep-17 | MSW | Maintenance | Closed |             |
| 739 | In workshop, there was proper house keeping observed                                     | It was observed as good practice.  | Workshop  | GP | Sep-17 | MSW | Maintenance | Closed |             |
| 740 | In workshop, proper house keeping was observed near gate                                 | It was observed as good practice.  | Workshop  | GP | Sep-17 | MSW | Maintenance | Closed |             |

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|-----|--|---|---------------|-----------|--------|-----|-------------|--------|-----------|
| 741 | At NBE gates control room, there is no proper place for ro   | There should be proper place for these things so they can be accessed when required.                                | NBE Gates     | UC        | Sep-17 | MSW | LEL         | Closed | 20-Oct-17 |
| 742 | Leakage was observed at NBE gates control room and there is cable trench below it.   | Issue must be resolved asap to avoid any short circuit.   | NBE Gates     | UC        | Sep-17 | MSW | Maintenance | Closed | 20-Oct-17 |
| 743 | An ointment tube was found in First Aid box.   | It should not be in First Aid Box.  | NBE Gates     | UC        | Sep-17 | MSW | HSEQ        | Closed |           |
| 744 | A electric switch was found broken at NBE gates control room in way to washroom.   | Issue must be resolved to avoid any electric hazard.  | NBE Gates     | UC        | Sep-17 | MSW | Maintenance | Closed | 20-Oct-17 |
| 745 | At NBE gates control room,electric switch was found broken and cable is naked.   | To avoid any electric hazard issue must be rectified asap.  | NBE Gates     | UC        | Sep-17 | MSW | Maintenance | Closed | 20-Oct-17 |
| 746 | At NBE gates control room, first aid box things were randomly placed and weekly inspection was not updated   | Things must be properly checked as per content list and placed so that they can be available when required.         | NBE Gates     | UC        | Sep-17 | MSW | HSEQ        | Closed |           |
| 747 | At NBE gates control room, first aid box was not at proper place and it was so dirty.  | It must be placed at proper place so that it can be available when required.  | NBE Gates     | UC        | Sep-17 | MSW | HSEQ        | Closed |           |
| 748 | At NBE gates control room, first aid box checklist was not   | Male nurse should visit there after one week.   | NBE Gates     | UC        | Sep-17 | MSW | HSEQ        | Closed |           |
| 749 | At NBE gates control the tag of one FF extinguisher was m  | Tag must be again hanged on it so that proper inspection can be done.   | NBE Gates     | UC        | Sep-17 | MSW | HSEQ        | Closed |           |
| 750 | Some unidentified keys were found inside the key cabinet at NBE Gates Control room   | All keys must be checked and those which are required must be placed inside the cabinet and rest should be removed. | NBE Gates     | UC        | Sep-17 | MSW | Operation   | Closed | 20-Oct-17 |
| 751 | At NBE gates control room area traces of burning of dry weeds/grass were obserevd.   | There is potential of exccallation of fire due to dry weeds around.   | NBE Gates     | Near Miss | Sep-17 | MSW | Civil       | Closed |           |
| 752 | At NBE gates, the cover of switch was broken and it was wrapped by some rope for gate no 3   | It must be rectified to avoid damage to the switch.   | NBE Gates     | UC        | Sep-17 | MSW | Maintenance | Closed | 20-Oct-17 |
| 753 | Leakage observed from valve of pressure guage of deep v  | Leakage should be rectified   | Elev 255      | UC        | Sep-17 | MSW | Maintenance | Closed |           |
| 754 | Spillage of water observed in deep well pump area as it is   | It should be rectified & cleaning of deep well area should be ensured.  | Elev 255      | UC        | Sep-17 | MSW | Maintenance | Closed |           |
| 755 | Door of unloading bay was opened without any reason , as there was not any activity carried out at unloading bay   | The Door should be closed   | Unloading Bay | UC        | Sep-17 | MSW | Maintenance | Closed |           |
| 756 | A box found at unloading bay without any barrication   | It should be kept closed.   | Unloading Bay | UC        | Sep-17 | MSW | Maintenance | Closed |           |
| 757 | Tiny Drops of oil observed at elev 245 , creating slipping hazard , since there was a drip tray placed in temporary storage area instead of placing under overhead crane . | Proper house keeping should be maintained & drip tray should be placed under overhead crane .                       | Elev 245      | UC        | Sep-17 | MSW | Maintenance | Closed |           |
| 758 | Safety Contact has been made with SCE by using DWS , as purpose of this conversation is to check the functionality of DWS.   | All Emergency phones should be checked at regular basis.  | Elev 245      | GP        | Sep-17 | MSW | Maintenance | Closed |           |

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|-----|--|--|----------------------|----|--------|-----|-------------|--------|-----------|
| 759 | There is not any handle for opening on door leading to combustible area in   | Handle should be installed at door .   | Warehouse            | UC | Sep-17 | MSW | Maintenance | Closed | 20-Oct-17 |
| 760 | Fire extinguisher found timely inspected and tagged at the Guard Room located at the Main entrance of the Power house.   | Ensure good practices are maintained in all areas to ensure safe working environment for all employees.  | Guard room Main Gate | GP | Sep-17 | MSA | HSEQ        | Closed |           |
| 761 | Thumb pins found lying at the base of the soft board creating personnel injury hazards such as finger cuts.  | Ensure that the unused thumb pins are either put on the soft board or returned to the respective department to prevent   | Elev 261             | UC | Sep-17 | MSA | All         | Closed |           |
| 762 | Water leakage observed from the AC in the workshop. The water was being collected in a bucket which kept overflowing thus creating potential slipping hazards.       | Ensure the area is properly barricaded and water spillage is avoided to prevent slipping hazards inside the workshop.  | Elev 255             | UC | Sep-17 | MSA | Maintenance | Closed |           |
| 763 | Tape barricade installed as a mitigation of Inherent Safety Audit 2016 has been removed inside the GIS room causing tripping hazard during emergency.                | Cordon off right corridor in the GIS to prevent passage during an emergency by reinstalling removable barricading (tape).  | Elev 251             | UC | Sep-17 | MSA | Operation   | Closed |           |
| 764 | Fire extinguisher missing at El. 251 MASL for the personnel at the warehouse office creating personnel hazards during emergency.                                     | Install fire extinguisher at El. 251 MASL for warehouse personnel to avoid potential hazards during an emergency   | Elev 251             | UC | Sep-17 | MSA | HSEQ        | Closed | 20-Oct-17 |
| 765 | Improper housekeeping observed at El. 245 MASL. The floor needs to be cleaned properly.  | Ensure proper floor cleaning to prevent health hazards for personnel at El. 245 MASL. Also, cleaning the floor properly prevents damage to the flooring as well.                         | Elev 245             | UC | Sep-17 | MSA | BSS         | Closed |           |
| 766 | Stains observed on the false ceiling panels outside Water Treatment Plant at E. 245 MASL thus damaging the   | Ensure that the leakage has been rectified to prevent further damage to the equipment and roof paneling at El. 245 MASL outside the WTP.   | Elev 245             | UC | Sep-17 | MSA | Civil       | Closed | 20-Oct-17 |
| 767 | Pyodine bottle missing inside the First Aid Box located at El. 245MASL near Unit 4 creating health hazard during an  | Ensure all items as per the checklist are inside the first aid cabinet at all areas of the powerhouse so that timely and safe utilization can be maintained.                             | Elev 245             | UC | Sep-17 | MSA | HSEQ/BSS    | Closed | 20-Oct-17 |
| 768 | Telephone set missing at El. 245 MASL inside the DG room preventing communication during an emergency.   | Ensure that the missing telephone set is installed inside the DG room at its designated location where the directory is attached to ensure timely communication in case of an emergency. | Elev 245             | UC | Sep-17 | MSA | Maintenance | Closed | 20-Oct-17 |
| 769 | Rust and Water observed under the staircase at El. 227 MASL thus damaging the flooring and creating slipping hazard.   | Ensure proper housekeeping and removal of damaged items stored under the staircases. The rust causes damage to the flooring.   | Elev 227             | UC | Sep-17 | MSA | BSS         | Closed |           |
| 770 | Steel bars supporting shaft seal drain flow pipeline observed protruding at El. 227 MASL thereby causing personnel injury hazards due to striking possibility during | Ensure that excess material is cut off to prevent any striking injuries to the personnel entering the area.  | Elev 227             | UC | Sep-17 | MSA | Maintenance | Closed |           |
| 771 | Strainer missing in the leakage gallery of Unit 2 at El. 227 MASL.   | Ensure all equipment is installed at its designated area. The strainer needs to be installed to prevent clogging of the drain inside the leakage gallery.                                | Elev 227             | UC | Sep-17 | MSA | Operations  | Closed | 20-Oct-17 |
| 772 | Improper cleaning observed at the accumulator cabinet for hydraulic links at El. 227 MASL creating equipment damage hazards.   | Ensure that oil and water dripping on the cover of the accumulator is cleaned so that damage to the equipment is managed.  | Elev 227             | UC | Sep-17 | MSA | Maintenance | Closed |           |

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| 773 | Over pressurized fire extinguisher observed at El. 227 MASL at the right-hand side staircase of the power house. The extinguisher was tagged ok on 4-8-2017.               | Ensure all fire extinguishers are inspected in a timely manner and that any damaged equipment be repaired or replaced to ensure the functional integrity. | Elev 227   | UC        | Sep-17 | MSA                   | HSEQ                    | Closed |           |
| 774 | Dirty walls observed at El. 245 MASL staircase leading to EL. 227 MASL. Improper Housekeeping as dirty finger prints were visible as well.                                 | Ensure proper housekeeping and cleaning of the dirty walls to prevent damage to company property.   | Elev 227   | UC        | Sep-17 | MSA                   | BSS                     | Closed |           |
| 775 | Do Not Stand Under the Emergency Shutter Door" not displayed at all elevations with emergency shutter doors.   | Ensure that warning signs are displayed to educate the personnel at the power house so that potential hazards could be mitigated.                         | All Floors | UC        | Sep-17 | MSA                   | HSEQ                    | Closed |           |
| 776 | Broken window blinds observed at El. 265 MASL.   | Ensure that plant equipment is maintained in a healthy condition at that damaged equipment is repaired at the earliest.                                   | Elev 265   | UC        | Sep-17 | MSA                   | Civil                   | Closed | 20-Oct-17 |
| 777 | CCR floor panels covering the sensors are not marked for identification for maintenance purposes.  | Ensure that identification tape is installed on floor panels covering the sensors so that only necessary panels are opened.                               | CCR        | UC        | Sep-17 | MSA                   | Maintenance             | Closed |           |
| 778 | Key Safe Cabinet found unlocked and opened inside the CCR creating hazards for personnel working at the respective work areas.   | Ensure that the Key Safe Cabinet is kept locked at all times to prevent unauthorized access to the keys being locked.                                     | CCR        | UC        | Sep-17 | MSA                   | Operations              | Closed |           |
| 779 | It was Observed that door of cable tunnel was found close  | It should be closed & locked  | Elev 245   | Near Miss | Sep-17 | Near Miss Report Form | Operations              | Closed |           |
| 780 | During checking & rectification of earth fault in main fire alarm pannel , it was observed that caution tag was not ensured by working party                               | Isolations & tagging should be ensured  | El 265     | Near Miss | Sep-17 | Near Miss Report Form | Maintenance             | Closed |           |
| 781 | During Routine checking , water leakage observed from fit  | Leakage should be rectified   | El 270     | Near Miss | Sep-17 | Near Miss Report Form | Maintenance /Operations | Closed | 20-Oct-17 |
| 782 | Cover of Panel Box found damaged at NBE Gates  | It should be rectified  | NBE Gates  | Near Miss | Sep-17 | Near Miss Report Form | Maintenance /Operations | Closed | 20-Oct-17 |
| 783 | Leakage of grease found at NBE gates creating slipping ha  | It should be rectified  | NBE Gates  | Near Miss | Sep-17 | Near Miss Report Form | Maintenance /Operations | Closed | 20-Oct-17 |
| 784 | Smoke was observed from the cigarette bin outside the m  | Bin should placed away from vehicle   | El 255     | Near Miss | Oct-17 | Near Miss Report Form | Maintenance /Operations | Closed |           |
| 785 | Technician mechanical was working on FF tank , when a bee stings him & he rushed for escaping . During escaping he got hit by door   | Web cobs should be removed  | El 270     | Near Miss | Oct-17 | Near Miss Report Form | Maintenance /Operations | Closed |           |
| 786 | It is observed that after cleaning of Intake stop logs insertion area , working crew have not closed the access to that area , so there is serious potential of falling as | so it is requested /recommended to immediately take the necessary action and cover it up .  | El 255     | Near Miss | Oct-17 | Near Miss Report Form | Maintenance /Operations | Closed |           |
| 787 | Unloading bay (elevation 251m) was marked as red zone in the elevation map installed on different locations  | There should be no ambiugity in it  | Elev 251   | UC        | Oct-17 | MSA                   | HSEQ                    | Closed |           |
| 788 | Transformer deck lighting supply panel inside server room (CCR) found open   | Panels should be closed after switching of lights to avoid electrocution hazard   | CCR        | UC        | Oct-17 | MSA                   | Operations              | Closed |           |
| 789 | Blinds installed at elevation 261m found broken  | Blinds should be replaced to make them fit for purpose  | Elev 261   | UC        | Oct-17 | MSA                   | BSS                     | Closed |           |

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|-----|--|---|----------------|----|--------|-----|------------------------|--------|--|
| 790 | Improper housekeeping was observed outside the guard room which can cause tripping hazard  | Proper housekeeping to be ensured to avoid tripping hazard  | Elev 255       | UC | Oct-17 | MSA | BSS                    | Closed |  |
| 791 | Oil was observed on the top of governor leakage oil tank of unit 3 at elevation 227m   | Leakage rectification should be performed and cleaning of spilled oil to be performed   | Elev 227       | UC | Oct-17 | MSA | Operation /Maintenance | Closed |  |
| 792 | Oil leakage observed in the gallery of Unit# 4 at elevation 227m which can cause slip hazard   | Leakage rectification should be performed and cleaning of spilled oil to be performed to avoid slipping hazard  | Elev 227       | UC | Oct-17 | MSA | Operation /Maintenance | Closed |  |
| 793 | Slippers were found placed at floor and are coming in the way of kitchen   | Slippers should be placed on the shoe rack placed near mosque to avoid tripping hazard  | Elev 265       | UC | Oct-17 | MSA | BSS                    | Closed |  |
| 794 | Panel doors inside the communication room at elevation 261m found open which may lead to serious potential hazard of electrocution.  | Panels should be closed to avoid electrocution hazard   | Elev 261       | UC | Oct-17 | MSA | Operations             | Closed |  |
| 795 | Proper barricading was observed in machine hall and all tags were displayed there  | These practise should be maintained on regular basis  | Elev 245       | GP | Oct-17 | MSA | Maintenance            | Closed |  |
| 796 | Floor mat stand was found under stairs at elevation 227m from which rusty water is seeping   | Housekeeping should be ensured by removing the stand from that area   | Elev 227       | UC | Oct-17 | MSA | BSS                    | Closed |  |
| 797 | Carpet piece was found placed improperly inside the cargo elevator which can cause tripping hazard   | Extra piece of carpet should be removed from the elevator compartment   | Cargo Elevator | UC | Oct-17 | MSA | BSS                    | Closed |  |
| 798 | Valves of hydraulic link accumulator of unit 3 found rusty   | Cleaning of valves to be performed to remove the rust and perform regular cleaning  | Elev 227       | UC | Oct-17 | MSA | Maintenance            | Closed |  |
| 799 | Temporary arrangement for climbing (ladder) left in narrow passageway next to FF tank without any  | To remove ladder OR put up adequate signage   | FF Tank        | UC | Oct-17 | MSA | Operations             | Closed |  |
| 800 | Shipment box placed outside barricaded area at unloading   | To ensure all shipment boxes are stored within designated temporary storage areas at plant  | Elev 251       | UC | Oct-17 | MSA | Warehouse (BSS)        | Closed |  |
| 801 | After cutting, the grass has been accumulated at multiple areas inside the drainage channel in front of the New Guard Room and heaps of dry grass are observed.  | Ensure that all dry grass cut should be removed from the site immediately after cutting to prevent clogging of the drain as well as to avoid fire hazards associated  | New Guard Room | UC | Oct-17 | MSA | Civil                  | Closed |  |
| 802 | The oxygen cylinder inside the medical treatment room w  | Ensure that such best practices are maintained at the work site so that best health care to the patients.   | First Aid Room | GP | Oct-17 | MSA | HSEQ                   | Closed |  |
| 803 | The first aid cabinet at El 255 MASL was found dusty which also contaminated the openly lying Cotton Wool Roll. Also, items such as sterile pads, 4" bandage and polythene gloves were found missing from first aid cabinet at El. 255 MASL. | Ensure that first aid cabinets are regularly cleaned so that hygiene of the items such as cotton wool is always maintained. Also, the cotton wool roll should be covered and properly stored to prevent health issues. Moreover, ensure that all items listed inside the cabinet are maintained for the hour of need. | Elev 255       | UC | Oct-17 | MSA | HSEQ                   | Closed |  |
| 804 | Monthly maintenance was being carried out for the firefighting system, however, the door of the firefighting room was open, concerned personnel were not available and the key was left in the engine pump controller.                       | Ensure that when monthly maintenance is being carried out, authorized personnel are always available at the site of permit and that systems are properly isolated to prevent unauthorized access. Also, the HIRARC should specifically mention the equipment name that needs isolation                                | Elev 270       | UC | Oct-17 | MSA | Operations             | Closed |  |
| 805 | Cable conduit for the outdoor lighting at the transformer deck near transformer 4 was found damaged and exposed.   | Ensure that the conduit is replaced and cable is not exposed to the environment to prevent electrocution hazards.   | Elev 259.9     | UC | Oct-17 | MSA | Maintenance            | Closed |  |

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|-----|--|--|------------|-----------|--------|-----------------------|-----------------|--------|-------------|
| 806 | Two Gardeners are seen approaching draft tube stop log   | Awareness should be given to employees about hazards of sloppy areas | Elev 259.9 | Near Miss | Oct-17 | Near Miss Report Form | Civil           | Closed |             |
| 807 | A warehouse staff was observed accessing racks by climbing   | Awareness should be given to employees about hazards                 | Elev 251   | Near Miss | Oct-17 | Near Miss Report Form | Warehouse (BSS) | Closed |             |
| 808 | Ball valve of emergency shower in battery bank room was  | Such practices must be avoided                                       | Elev 245   | Near Miss | Oct-17 | Near Miss Report Form | Maintenance     | Closed |             |
| 809 | An engineer felt a sudden jerk & then failure alarm came on passenger elevator, after that he tried to make call from elevator but it was not functional | Emergency calling function must be operable                          | Elev 261   | Near Miss | Oct-17 | Near Miss Report Form | Maintenance     | Closed | 20-Oct-17   |
| 810 | Mechanical Section was carrying out the Monthly Maintenance of U#2 on Generator side , where working was found <del>monthly fixed</del>                  | Proper Precaution steps should be taken to kill thses lizards        | Elev 245   | Near Miss | Oct-17 | Near Miss Report Form | HSEQ            | Closed | Immediately |
| 811 | Wasp nest found at the emergency exit of EI:260 masl.  | It should be removed immediately.                                    | Ele 260    | UC        | Oct-17 | MSW                   | BSS/HSEQ        | Closed | Immediately |
| 812 | A metal sheet is found at the entrance of transformer dyk  | It should be removed immediately.                                    | Ele 260    | UC        | Oct-17 | MSW                   | BSS             | Closed | Immediately |
| 813 | Safety sign board is not properly fixed wih wall.  | It should be fixed properly.   | Ele 260    | UC        | Oct-17 | MSW                   | HSEQ            | Closed | Immediately |
| 814 | Fire hose reel cabin in front of exit of EI: 260 found full of   | It shuold be cleaned properly.                                       | Ele 260    | UC        | Oct-17 | MSW                   | BSS             | Closed | Immediately |
| 815 | A light found out of order in washroom of EI:265   | It should be replaced with new one.                                  | Ele 265    | UC        | Oct-17 | MSW                   | Maintenance     | Closed | 31-Oct-17   |
| 816 | Doors of communication panels are open in CCR.   | It Should be closed  | Ele 265    | UC        | Oct-17 | MSW                   | Operations      | Closed | Immediately |
| 817 | Door lock of Server panel found missing  | It should be fixed with new one.                                     | Ele 265    | UC        | Oct-17 | MSW                   | Operations      | Closed | 31-Oct-17   |
| 818 | A wooden piece of almirah in CCR Libaray found broken.   | It should be fixed propely.  | Ele 265    | UC        | Oct-17 | MSW                   | Civil           | Closed | 31-Oct-17   |

|     |   |   |          |    |        |     |                        |        |           |
|-----|---|---|----------|----|--------|-----|------------------------|--------|-----------|
| 819 | Floor Concrete near the deluge valves of transformers fou   | It should be fixed properly.  | Ele 260  | UC | Oct-17 | MSW | Civil                  | Closed | 31-Oct-17 |
| 820 | A piece of roof ceiling at El: 270 near to fall.  | Should be fixed properly  | Elev 270 | UC | Oct-17 | MSW | Civil                  | Closed | 31-Oct-17 |
| 821 | Spider webs found in FF room and Elevators room.  | should be Cleaned propely.  | Elev 270 | UC | Oct-17 | MSW | BSS                    | Closed | 31-Oct-17 |
| 822 | An ON/OFF switch is not working properly at entrance of   | It should be replaced with new one.   | Elev 261 | UC | Oct-17 | MSW | Maintenance            | Closed | 31-Oct-17 |
| 823 | Assembly point sign board is full of Birds pop.   | It should be Cleaned properly.  | Elev 261 | UC | Oct-17 | MSW | BSS                    | Closed | 31-Oct-17 |
| 824 | Power cable not properly routed near make-up pumps  | There should be routed properly.  | Elev 261 | UC | Oct-17 | MSW | Maintenance            | Closed | 31-Oct-17 |
| 825 | Too much registers and books ( Consumeable) are piled u   | Proper space or cabinet should be provided .  | Elev 261 | UC | Oct-17 | MSW | Admin Staff            | Closed | 31-Oct-17 |
| 826 | Hse posters are placed on the floor   | It should be placed properly  | Elev 261 | UC | Oct-17 | MSW | Admin Staff            | Closed | 31-Oct-17 |
| 827 | CPU are found open in admin floor   | It should be closed and properly placed.  | Elev 261 | UC | Oct-17 | MSW | Admin Staff            | Closed | 31-Oct-17 |
| 828 | Broken chair was found in finance room.   | It should be removed immediately.   | Elev 261 | UC | Oct-17 | MSW | Admin Staff            | Closed | 31-Oct-17 |
| 829 | Laptop charger wire can cause tripping hazard   | It should be routed properly  | Elev 261 | UC | Oct-17 | MSW | Admin Staff            | Closed | 31-Oct-17 |
| 830 | Excessive use of papers is not good for environment   | Some guide lines should be pasted near printer for less use or recycling of paper.  | Elev 261 | UC | Oct-17 | MSW | Admin Staff            | Closed | 1-Nov-17  |
| 831 | Pyodine, Polythene gloves and 4" Bandage were found missing in the first aid cabinet at El. 255 MASL outside  | Ensure that all first-aid supplies are maintained in the cabinets to take effective first-aid measures when needed.   | Elev 255 | UC | Oct-17 | MSA | Medic Staff            | Closed | Immediate |
| 832 | Water observed on the floor beside the water dispenser inside the workshop thereby creating slipping hazards.   | Ensure that proper housekeeping is maintained in order to prevent injuries resulting from slipping on the floor.  | Elev 255 | UC | Oct-17 | MSA | BSS                    | Closed | Immediate |
| 833 | The lever of the eye wash station inside the DC Battery Bank room was found loosened making it inoperable.  | Ensure that the lever is proper tightened so that the eye wash station is effectively operated when required to prevent serious personal injuries.  | Elev 245 | UC | Oct-17 | MSA | Maintenance            | Closed | 31-Oct-17 |
| 834 | Oil was found spilled on the floor next to the U2 servomotor at El. 227 MASL.   | Ensure that the leakage is properly traced and rectified to prevent any damage to the plant equipment. Moreover, please ensure that oil spillage is cleaned to prevent injuries resulting from slipping on the floor. | Elev 227 | UC | Oct-17 | MSA | Operations/Maintenance | Closed | 5-Nov-17  |
| 835 | Steel bars supporting shaft seal drain flow pipeline observed protruding at El. 227 MASL thereby causing personal injury hazards due to striking possibility during | Ensure that excess material is cut off to prevent any striking injuries to the personnel entering the area.   | Elev 227 | UC | Oct-17 | MSA | Maintenance            | Closed | 31-Oct-17 |
| 836 | Dirty floors observed at El. 227 MASL at the bottom of the staircases leading from El. 245 MASL to El. 227 MASL.  | Ensure that proper housekeeping is maintained inside the power house to prevent health issues arising from a dirty environment.   | Elev 227 | UC | Oct-17 | MSA | BSS                    | Closed | Immediate |
| 837 | Dirty walls observed along the staircase leading to El. 227 MASL  | Ensure that the power house structures are maintained and any material damage is prevented. Ensure proper cleaning post work completion at all sites.   | Elev 227 | UC | Oct-17 | MSA | BSS                    | Closed | Immediate |
| 838 | Water found on the floor next to the make-up pumps of the firefighting tank.  | Ensure that water spillage on the floor is cleaned regularly to prevent injuries to employees resulting from slipping on the floor.   | Elev 245 | UC | Oct-17 | MSA | BSS                    | Closed | Immediate |
| 839 | At Unloading bay (elevation 251m) temporary storage box was found out of barricaded area  | Temporary storage box to be barricaded properly   | Elev 251 | UC | Oct-17 | MSA | Procurement            | Closed | Immediate |
| 840 | At Unloading bay (elevation 251m) bench was found placed in the center of badminton court   | Bench should be placed at its designated place to avoid personal injuries due to tripping hazard  | Elev 251 | UC | Oct-17 | MSA | BSS                    | Closed | Immediate |

|     |   |  |               |    |        |         |                 |        |           |
|-----|---|--|---------------|----|--------|---------|-----------------|--------|-----------|
| 841 | Water leakage was observed from the copper piping of pressure transmitter installed on AHU-B  | Leakage to be rectified to avoid accumulation of water in WTP room   | Elev 245      | UC | Oct-17 | MSA     | Operation       | Closed | 5-Nov-17  |
| 842 | Proper barricading was observed in machine hall   | These Good Practices should be maintained  | Elev 245      | GP | Oct-17 | MSA     | Maintenance     | Closed |           |
| 843 | Cobwebs were observed around storage tanks of spare oil inside machine hall   | Proper housekeeping to be exercised  | Elev 245      | UC | Oct-17 | MSA     | BSS             | Closed | Immediate |
| 844 | Oil leakage observed in the gallery at elevation 227m which can cause slip hazard   | Leakage rectification should be performed and cleaning of spilled oil to be performed to avoid slipping hazard   | Elev 227      | UC | Oct-17 | MSA     | BSS             | Closed | Immediate |
| 845 | Broken chair was found inside the LCU 5 room  | Broken chair to be removed from the room to avoid any mishap   | Elev 245      | UC | Oct-17 | MSA     | Operations      | Closed | 5-Nov-17  |
| 846 | Intake stoplogs insertion area was properly barricade   | Good practice needs to be ensured on regular basis   | Elev 261      | GP | Oct-17 | MSA     | Maintenance     | Closed | Immediate |
| 847 | Scaffolding at Intake stoplogs area of Unit #4 for erecting handrails was not appropriate. As mid rail was missing.   | Proper scaffolding support arrangement is required to be ensured until unless the handrails are properly welded. | Elev 261      | UC | Oct-17 | MSA     | Maintenance     | Closed | Immediate |
| 848 | Contractor's staff working at Colony boundary wall found without safety harness.  | Safety harness needs to be ensured while working at height   | Elev 261      | UA | Oct-17 | MSA     | LEL             | Closed | Immediate |
| 849 | No barricading was done at cable trench excavation at Colony area.  | Proper barricading needs to be ensured to avoid mishap.  | Colony Area   | UC | Oct-17 | MSA     | LEL             | Closed | Immediate |
| 850 | Unit-01 side staircase emergency door is still out of order   | It Should be Rectified   | Elev 259.9    | UC | Oct-17 | D-Level | Maintenance     | Closed | 5-Nov-17  |
| 851 | water splashes of eye washer could cause Trip/slip hazard, Hence  | There Should be some cover on batteries  | Elev 245      | UC | Oct-17 | D-Level | Maintenance     | Closed | 5-Nov-17  |
| 852 | Main Light at the back of NBE Gates Room facing Towards D.G is out of Order needs to be rectified as in case of Emergency at Night its Difficult for the operator to check for its smooth condition /operations etc | It Should be Rectified   | NBE gates     | UC | Oct-17 | D-Level | Maintenance     | Closed | 5-Nov-17  |
| 853 | Cooking Oven at Power house kitchen is out of order and need to be repaired/replaced with new one. (repeated)   | It Should be Rectified   | Elev 265      | UC | Oct-17 | D-Level | BSS             | Closed | Immediate |
| 854 | Internet Server Rack front lock found out of order in library Room needs to be locked properly if not then  | It Should be Rectified   | Elev 265      | UC | Oct-17 | D-Level | Civil           | Closed | 5-Nov-17  |
| 855 | Damage tiles @ snooker room increases risk of trip/fall hazard.   | It Should be Rectified   | Officers Club | UC | Oct-17 | D-Level | LEL             | Closed | 5-Nov-17  |
| 856 | 'Early warning system are inoperable from CCR due to bat  | It Should be Rectified   | CCR           | UC | Oct-17 | D-Level | Operations      | Closed | 5-Nov-17  |
| 857 | 'Intake crane stopper (buffer bumper) are damaged Need to be replaced   | It should be replaced  | Elev 259.9    | UC | Oct-17 | D-Level | Maintenance     | Closed | 5-Nov-17  |
| 858 | Telephone should be installed in workshop for communication   | It Should be Installed   | Workshop      | UC | Oct-17 | D-Level | Maintenance     | Closed | 5-Nov-17  |
| 859 | 'There should be proper drainage for draining lube oil of D   | Drain Line Should be Provided  | Elev 245      | UC | Oct-17 | D-Level | Maintenance     | Closed | 5-Nov-17  |
| 860 | Tube lights are not working in DG room .  | It Should be Rectified   | Elev 245      | UC | Oct-17 | D-Level | Maintenance     | Closed | 5-Nov-17  |
| 861 | There should be designated place for filters cleaning   | Designated Place should be provided  | Elev 245      | UC | Oct-17 | D-Level | Maintenance     | Closed | 5-Nov-17  |
| 862 | 'Separate dust bins should be provided for different chem   | Separate DustBins Should be provided   | Elev 245      | UC | Oct-17 | D-Level | BSS/Maintenance | Closed | 5-Nov-17  |
| 863 | 'There is no safety railing/fence in the accessway of out door unit of Air conditioner installed at NBE gates   | Railing should be Provided   | NBE gates     | UC | Oct-17 | D-Level | Maintenance     | Closed | 5-Nov-17  |



|     |   |   |                  |           |        |                       |                       |        |           |
|-----|---|---|------------------|-----------|--------|-----------------------|-----------------------|--------|-----------|
| 864 | 'Locked out and tagged out system needs improvement because there are some breakers where locked cannot be done and only tagging is possible. This can be dangerous because anyone can switch on such breaker. And in case of tagging system , tags are placed over the | This issue should be resolved with mutual understanding   | Power Plant      | UC        | Oct-17 | D-Level               | Maintenance /Operatio | Closed | 5-Nov-17  |
| 865 | The door hinges of level sensor # 6 has been broken which needs to be repaired at the earliest to avoid any damage and loss to the installed  | Door Hinges should be repaired  | Level Sensor 6   | UC        | Oct-17 | D-Level               | Maintenance           | Closed | 5-Nov-17  |
| 866 | 'Very high wild growth has been observed at senor # 6 it needs rectification so that maintenance team can do their work easily and on time. And it also effects the charging of battery because solar panel get behind the  | Wild growth should be removed   | Level Sensor 6   | UC        | Oct-17 | D-Level               | Maintenance           | Closed | 5-Nov-17  |
| 867 | Protection covers over the solar panesl and batteries of water level  | Protection cover should be provided   | Level Sensor 5&6 | UC        | Oct-17 | D-Level               | Maintenance           | Closed | 5-Nov-17  |
| 868 | 'Access to Water Level Sensor # 1 needs maintenace, because platform is now rusted it can be brokeed  | Platform should be rectified  | Level Sensor 1   | UC        | Oct-17 | D-Level               | Maintenance           | Closed | 5-Nov-17  |
| 869 | It is reported that on Thursday Oct26,2017 around 4 PM, That there was some smoke observed from the ventilation duct in the washroom of Admin floor   | Electrical Team disconnected the power supply of exhaust blower at the moment<br>Detail inspection will be carried out to access the motor condition                    | Elev 261         | Near Miss | Oct-17 | Near Miss Report Form | Maintenance           | Closed | Immediate |
| 870 | Fire Extinguisher sign is placed at the wall but there is no fire extinguisher in front of it. Fire Extinguisher is already moved to new place so sign must also be removed.  | Tag Must be removed   | Elev 255         | UC        | Oct-17 | MSW                   | HSEQ                  | Closed | Immediate |
| 871 | Acetylene and Oxygen are stored together in workshop. It is dagerous because fuel and oxygen may catch fire.  | Both cylinders should be seperately stored  | Elev 255         | UC        | Oct-17 | MSW                   | Maintenance           | Closed | 5-Nov-17  |
| 872 | Oil was stored in workshop without any tag.   | Tag should be installed immediately.  | Elev 251         | UC        | Oct-17 | MSW                   | Maintenance           | Closed | Immediate |
| 873 | Lock was found broken at Elevation 245masl in 400V Electrical distribution room.  | Lock Should be Rectified  | Elev 245         | UC        | Oct-17 | MSW                   | Civil                 | Closed | 5-Nov-17  |
| 874 | Oil drum is placed at unloading without any tag. It cannot be stored at unloading bay.  | It should be removed  | Elev 251         | UC        | Oct-17 | MSW                   | Maintenance           | Closed | Immediate |
| 875 | A Light Observed malfunctioning at Inspection window od Draft tube gallery of Unit # 02   | It should be rectified  | Elev 227         | UC        | Oct-17 | MSW                   | Maintenance           | Closed | 5-Nov-17  |
| 876 | It was reported on Wednesday Nov 1,2017 around 5:40 Pm , that a man was observed doing fishing * swimming with help of inflated tire tube at down stream of NBE Gates   | Warning Signs Should be Installed<br>Police personnel be instructed to be more vigilant in the area<br>Possibility of enforcement of section 144 need to be looked into | Elev 259.9       | Near Miss | Nov-17 | Near Miss Report Form | Operations            | Closed | Immediate |
| 877 | After The routine maintenance a person carrying normal job tools was entering the workshop at elevation 255m. His foot got stuck in the damaged carpet outside the  | The Carpet should be intact with the floor or the whole carpet should be removed to avoid any hindrance in future   | Elev 255         | Near Miss | Nov-17 | Near Miss Report Form | BSS                   | Closed | Immediate |
| 878 | A wasp nest was observed near exit gate of a admin block. This is a Bio hazard and could lead to an accident.   | Remove nest ASAP to avoid any incident.   | Elev 261         | UC        | Nov-17 | MSA                   | BSS/HSEQ              | Closed | Immediate |

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|-----|---|--|------------------|-----------|--------|-----------------------|-----------------------|--------|-----------|
| 879 | Lube oil spill was observed in Mechanical storage area near deep HVAC well pumps.   | Clean up the areas.  | Elev 255         | UC        | Nov-17 | MSA                   | Maintenance           | Closed | Immediate |
| 880 | Carpet of workshop entrance door was found very loose which is a tripping hazard.   | Carpet should be pasted with the floor to avoid tripping.  | Elev 255         | UC        | Nov-17 | MSA                   | BSS                   | Closed | Immediate |
| 881 | All panel doors found open in communication room to control the temperature of panel.   | It was observed that ambient temperature was already low and there was no need to open the door. All doors were closed immediately.  | Elev 265         | UC        | Nov-17 | MSA                   | Operations            | Closed | Immediate |
| 882 | Some waste was observed on top of cupboard located in library room CCR.   | It should be removed immediately.  | Elev 265         | UC        | Nov-17 | MSA                   | Operations            | Closed | Immediate |
| 883 | Hose reel cabinet installed El. 261 was found neat and clean.   | Good Work.   | Elev 261         | GP        | Nov-17 | MSA                   | HSEQ                  | Closed | Immediate |
| 884 | Some waste material found under the table of IT executive which needs to be removed.  | It Should be removed ASAP  | Elev 261         | UC        | Nov-17 | MSA                   | IT Executive          | Closed | Immediate |
| 885 | Thumb tacks were observed on the table of Admin Assistant which could lead to an injury.  | Thumb tacks should be kept in a box to avoid injury.   | Elev 261         | UC        | Nov-17 | MSA                   | Admin                 | Closed | Immediate |
| 886 | Nut bolts etc. were found on the foundation of pole near  | It should be removed immediately.  | Elev 259.9       | UC        | Nov-17 | MSA                   | Maintenance           | Closed | Immediate |
| 887 | Wild growth observed near AC outdoor units intake st  | Wild growth should be removed immediately.   | Elev 259.9       | UC        | Nov-17 | MSA                   | Civil                 | Closed | Immediate |
| 888 | Pole breaker cover found missing near spare transform   | Cover should be installed to avoid electroc  | Elev 259.9       | UC        | Nov-17 | MSA                   | Maintenance           | Closed | Immediate |
| 889 | Cracks observed near draft tube stop log storage area.  | Cracks Should be Filled  | Elev 259.9       | UC        | Nov-17 | MSA                   | Civil                 | Closed | 13-Nov-17 |
| 890 | Cigarette butts were observed in transformer area and in  | This is strictly advised that smoking is allowed only at smoking point, smoking in other area considered as policy violation and disciplinary action will be taken against the violator. | Elev 259.9       | UC        | Nov-17 | MSA                   | All                   | Closed | Immediate |
| 891 | Cable found cut at transformer deck in cable trench of ca   | There should be proper arrangement for mitigation of reptiles  | Elev 259.9       | Near Miss | Nov-17 | Near Miss Report Form | HSEQ                  | Closed | Immediate |
| 892 | UPS room wall is damaged/deteriorated due to seepage from the eye wash shower which is installed on other side of wall.   | It should be rectified   | Elev 245         | UC        | Nov-17 | D-Level               | Maintenance/Operation | Closed | 20-Nov-17 |
| 893 | Access ladder to EDG radiator have sharp edges and can cause any injury.  | Possible ways should be considered to rectify/Modify it  | Elev 245         | UC        | Nov-17 | D-Level               | Maintenance           | Closed | 30-Nov-17 |
| 894 | Control Switch of the road blocker is inside the metal covering and space to access control switch is so narrow. The sharp edges of the covering can injury to operator. Cover must be wide enough to access the switch easily. | Wide Cover Must be Installed   | Elev 255         | UC        | Nov-17 | D-Level               | Maintenance           | Closed | 30-Nov-17 |
| 895 | Lights inside and outside the NGH room were out of order. Our team faced difficulty during the maintenance work at night.   | Lights Should be Rectified   | NGH Level Sensor | UC        | Nov-17 | D-Level               | Maintenance           | Closed | 30-Nov-17 |
| 896 | A snake was spotted by JBO on duty at around 2235 hrs at  | Proper Measures should be taken for handling of these type of reptiles   | Elev 245         | Near Miss | Nov-17 | Near Miss Report Form | Operations/HSEQ       | Closed | Immediate |
| 897 | Abundant of Floating rubbish observed in front of Unit -0   | Floating Rubbish should be removed   | Elev 259.9       | UC        | Nov-17 | D-Level               | Civil                 | Closed | 30-Nov-17 |
| 898 | UPS room wall is damaged/deteriorated due to seepage fr   | Damaged wall should be repaired  | Elev 245         | UC        | Nov-17 | D-Level               | Civil                 | Closed | 30-Nov-17 |
| 899 | There should be glass window on the doors so that the p   | Glass Should be installed  | All Floors       | UC        | Nov-17 | D-Level               | HSEQ/Maintenance      | Closed | 30-Nov-17 |

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| 900 | There should be proper parking area for fork lifter at unlo  | Proper Parking should be provided  | Elev 251         | UC        | Nov-17 | D-Level               | Maintenance | Closed | 30-Nov-17 |
| 901 | Cable on cable drum is 1.5 mm and it becomes hot during  | Cable drum should be replaced  | Elev 259.9       | UC        | Nov-17 | D-Level               | Maintenance | Closed | 30-Nov-17 |
| 902 | RTDs installed in turbine housing should be properly covered as  | RTD,s Should be properly covered   | Elev 245         | UC        | Nov-17 | D-Level               | Maintenance | Closed | 30-Nov-17 |
| 904 | There is a major hindrance in carrying out the maintenance of TRCM as there is access problem to the top motors. The monkey ladder needs to be readjusted/standarised as it is extra elevated from ground making it  | Monkey ladder needs to be readjusted   | Elev 259.9       | UC        | Nov-17 | D-Level               | Maintenance |        | 30-Nov-17 |
| 905 | In FF room the lock of main panel of main electric pump  | Lock should be rectified   | Elev 270         | UC        | Nov-17 | D-Level               | Civil       | Closed | 30-Nov-17 |
| 906 | Asbestos provided around the exhaust silencer of station DG set is deteriorated and produces carcinogenic by-products while burning during DG operation and is declared as an inappropriate material for the said use in   | Glass whool should be provided   | Elev 245         | UC        | Nov-17 | D-Level               | Maintenance | Closed | 30-Nov-17 |
| 907 | At night, there is issue of light in bike parking.   | Parking light should be provided   | Elev 261         | UC        | Nov-17 | D-Level               | LEL         | Closed | 30-Nov-17 |
| 908 | During routine MSA on November 23, 2017, it was observed that an expired bottle of Pyodine was kept inside the First Aid Box outside the Workshop  | Ensure that expiry dates are checked weekly and the medication nearing its expiry date should be marked for even more frequent inspection. The expired medication should be removed immediately upon notice and weekly inspections should highlight the discard of such medication | Elev 261         | Near Miss | Nov-17 | Near Miss Report Form | HSEQ/TNBRP  | Closed | Immediate |
| 909 | It was reported on Nov 22, 2017 that during routine weekly testing of Diesel Engine Fire Pump, it was observed that on auto mode, Diesel Engine Fire Pump did not cut in at 2 bars pressure, instead Pump started at zero pressure with time delay of 1 minute and 30 seconds which is against the | There is likelihood that pressure transmitter setting for said pump has been disturbed.  | Elev 270         | Near Miss | Nov-17 | Near Miss Report Form | Maintenance | Closed | Immediate |
| 910 | Barricading was observed outside LEL Site Office prior to start of maintenance work in the lawn. Workers were  | Ensure such best practices are performed regularly before start of work to prevent any personnel and equipment damage at the Power Complex   | LEL office Front | GP        | Nov-17 | MSA                   | LEL         | Closed | Immediate |
| 911 | Pipes and lifting trolleys placed randomly near the HVAC pumps   | Ensure that tools and equipment are placed in a designated place in an organized manner to prevent any personnel injuries during evacuation in case of an emergency  | Elev 259.9       | UC        | Nov-17 | MSA                   | Maintenance | Closed | Immediate |
| 912 | Cleaning equipment was observed left near the washroom   | Ensure that proper housekeeping is maintained at all areas of the power house and that post completion of work, tools and equipment are stored at their designated areas.  | Elev 265         | UC        | Nov-17 | MSA                   | BSS         | Closed | Immediate |
| 913 | Grease was observed on the floor under the 30T Overhead  | Ensure that adequate grease is applied to the wire rope of the cranes during maintenance works and that grease is removed from the floor immediately   | Elev 245         | UC        | Nov-17 | MSA                   | BSS         | Closed | Immediate |
| 914 | Proper barricading, permit, hazards signs and LOTO application observed at El. 245 MASL outside Electrical   | Ensure such best practices are maintained to prevent any personnel injuries and equipment damage during  | Elev 245         | GP        | Nov-17 | MSA                   | Maintenance | Closed | Immediate |

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| 915 | Doors of all Electrical Rooms were left opened at El. 245 MASL   | Ensure doors are kept closed as per the insurer's recommendations to prevent equipment damage at the site                         | Elev 245   | UC | Nov-17 | MSA | Operations  | Closed | Immediate |
| 916 | Wheels of the gate valve spindles of dewatering lines were left at El. 227 MASL without any barricading.   | Ensure that equipment is stored properly at a designated and barricaded area to prevent any                                       | Elev 227   | UC | Nov-17 | MSA | Maintenance | Closed | Immediate |
| 917 | Cabinet glass found broken inside the library room at El. 265 MASL.  | Ensure that broken glass is replaced immediately to prevent hand injuries to personnel opening or closing the cabinets.           | Elev 265   | UC | Nov-17 | MSA | Civil       | Closed | 10-Dec-17 |
| 918 | Trash accumulation found near intake area of power house   | rash should be removed from site to ensure proper housekeeping  | Elev 259.9 | UC | Nov-17 | MSA | Civil       | Closed | 10-Dec-17 |
| 919 | Hard barricading was observed at intake area of power house which is not necessary after the installation of removable safety railing                        | Barricading should be removed from site to make easy access to intake area and to avoid any injury while crossing the scaffolding | Elev 259.9 | UC | Nov-17 | MSA | Civil       | Closed | 10-Dec-17 |
| 920 | Cobwebs were observed near lights at elevation 245masl   | Cobwebs should be removed from machine hall to ensure proper housekeeping   | Elev 245   | UC | Nov-17 | MSA | BSS         | Closed | 10-Dec-17 |
| 921 | Door stopper of electrical room 2 at elevation 245masl was   | Door stopper should be fixed properly to ensure its proper functioning  | Elev 245   | UC | Nov-17 | MSA | Civil       | Closed | 10-Dec-17 |
| 922 | Light in electrical room 3 was found out of order  | Light should be replaced with new light   | Elev 245   | UC | Nov-17 | MSA | Maintenance | Closed | 10-Dec-17 |
| 923 | Firefighting sand buckets were being painted at NBE Gates Control room area which may lead to tripping hazard. No barricading was found around the work area | Proper barricading to be performed to avoid unauthorized entry in the working area  | NBE Gates  | UC | Nov-17 | MSA | Civil       | Closed | 10-Dec-17 |
| 924 | Used gloves were found inside the first aid box at NBE gates control room which may create health hazard.  | Items inside the first aid box should be replaced once used   | NBE Gates  | UC | Nov-17 | MSA | Medic Staff | Closed | Immediate |
| 925 | Water leakage was observed from split AC inside the NBE  | AC should be rectified for the fault and paint to be applied to the affected area   | NBE Gates  | UC | Nov-17 | MSA | Maintenance | Closed | 10-Dec-17 |
| 926 | Blinds are installed inside the NBE gates control room due to which the gates are no more visible from the control room building                             | Standing instructions should be provided to the gate operator to open the blinds to have a clear view of gates                    | NBE Gates  | UC | Nov-17 | MSA | Operations  | Closed | 10-Dec-17 |
| 927 | Green board inside the NBE gates control room found broken and placed on the ground which can cause tripping hazard  | Green board to be rectified to avoid tripping hazard  | NBE Gates  | UC | Nov-17 | MSA | Operations  | Closed | Immediate |
| 928 | Electric Cattle was found on the computer table which may  | Proper housing keeping is required to be ensured. Separate table to be provided at the NBE gates for electric cattle              | NBE Gates  | UC | Nov-17 | MSA | Operations  | Closed | Immediate |
| 929 | Broken chair was found inside the NBE gates control room   | The chair should be replaced with new one to avoid any mishap   | NBE Gates  | UC | Nov-17 | MSA | Operations  | Closed | Immediate |
| 930 | Wild growth was found around the NBE gates control room  | Shrubs should be removed from site to ensure proper housekeeping  | NBE Gates  | UC | Nov-17 | MSA | Civil       | Closed | Immediate |
| 931 | Illegible danger signage found at NBE Gates control building which has serious potential of hazard   | Danger sign to be replaced with new one at NBE Gates control building area  | NBE Gates  | UC | Nov-17 | MSA | HSEQ        | Closed | Immediate |
| 932 | Trash accumulation was observed at the back side of NBE gates control building   | Proper housekeeping to be ensured at working area   | NBE Gates  | UC | Nov-17 | MSA | LEL         | Closed | 10-Dec-17 |
| 933 | Wild growth was found at the back side of NBE gates control room building  | Shrubs should be removed from site to ensure proper housekeeping  | NBE Gates  | UC | Nov-17 | MSA | Civil       | Closed | 10-Dec-17 |
| 934 | Trash accumulation was observed at the New Gauge House area  | Proper housekeeping to be ensured at working area to avoid trip hazard and health hazard  | NBE Gates  | UC | Nov-17 | MSA | LEL         | Closed | 10-Dec-17 |

|     |   |  |             |    |        |     |             |        |           |
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| 935 | Improper housekeeping was observed at HVAC pump work area   | Material should be stored properly i.e. the passage ways are clear from any obstruction  | NBE Gates   | UC | Nov-17 | MSA | Maintenance | Closed | Immediate |
| 936 | Fire extinguisher was not available in the warehouse office   | Fire extinguisher should be placed inside the warehouse office to avoid any mishap in case of fire incident                        | Warehouse   | UC | Nov-17 | MSA | HSEQ        | Closed | Immediate |
| 937 | Light was found unhooked from its bracket in the stair  | Light should be hanged properly so that the probability of personal injury can be eliminated                                       | Elev 227    | UC | Nov-17 | MSA | Maintenance | Closed | 10-Dec-17 |
| 938 | Dead mouse was found in the leakage gallery of unit # 1 a   | Dead mouse should be removed from site to avoid health hazard  | Elev 227    | UC | Nov-17 | MSA | Operations  | Closed | Immediate |
| 939 | Dewatering pump valves were found dismantled and placed   | Working area to be barricaded properly and material should be stored properly i.e. the passage ways are clear from any obstruction | Elev 227    | UC | Nov-17 | MSA | Maintenance | Closed | Immediate |
| 940 | Shrub growth was found inside the housing colony  | Shrub cutting to be performed on monthly basis inside the housing colony to avoid biohazard  | Colony Area | UC | Nov-17 | MSA | Civil       | Closed | 10-Dec-17 |
| 941 | Water leakage from Discharge ring of Unit 3 has become  | Mechanical section to take corrective action on leakage as soon as practicable   | Elev 227    | UC | Nov-17 | MSA | Maintenance | Closed | 10-Dec-17 |
| 942 | Broken earthing conduit due to probable foot step/tramp   | To be repaired/replaced  | Elev 227    | UC | Nov-17 | MSA | Maintenance | Closed | 10-Dec-17 |
| 943 | Proper signage and barrication made for Annual Maintenance  | To always ensure safety barrication at work site   | Elev 227    | GP | Nov-17 | MSA | Maintenance | Closed | Immediate |
| 944 | All Electrical Room doors were kept open due to temp. not being maintained; open doors pose risk of causing failure of FM200 fire suppression system, in case of fire incident in elec. Rooms | To rectify issue with AHU feed water supply and normalize the temperature, keep doors closed                                       | Elev 245    | UC | Nov-17 | MSA | Operations  | Closed | Immediate |
| 945 | Electrical Room 3 tubelight observed to be fused  | To replace fused tubelights in operational areas of plant in a timely manner   | Elev 245    | UC | Nov-17 | MSA | Maintenance | Closed | 10-Dec-17 |
| 946 | Ladders are not properly hanged/placed in workshop  | There must be proper place or hook to hang these ladders   | Elev 255    | UC | Nov-17 | MSW | Maintenance | Closed | 10-Dec-17 |
| 947 | Mechanical store was observed with very good house keeping everything was placed at its place and shackles were properly hanged.  | Good Practices should always be appreciated  | Elev 255    | GP | Nov-17 | MSW | Maintenance | Closed | 10-Dec-17 |
| 948 | Fire extinguisher was found not signed off and its guage was  | It Should be shifted to Warehouse  | Elev 255    | UC | Nov-17 | MSW | Maintenance | Closed | Immediate |
| 949 | On the floor of workshop, yellow tape was found weared  | Yellow tape should be installed  | Elev 255    | UC | Nov-17 | MSW | Maintenance | Closed | Immediate |
| 950 | Chain blocks at workshop are already certified by the third   | Sheet should installed on it to avoid tearing of it  | Elev 255    | UC | Nov-17 | MSW | Maintenance | Closed | 10-Dec-17 |
| 951 | Near HVAC pumps, internet cables are routed openly.   | Cables should be properly routed   | Elev 255    | UC | Nov-17 | MSW | Maintenance | Closed | Immediate |
| 952 | Outside the workshop, plastic cover is placed un-attended   | cover should be shifted somewhere else   | Elev 255    | UC | Nov-17 | MSW | BSS         | Closed | Immediate |
| 953 | At main entrance gate, In washroom of guard's exhaust   | Exhaust fan should be rectified  | Elev 255    | UC | Nov-17 | MSW | Maintenance | Closed | 10-Dec-17 |

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|-----|--|---|-----------|----|--------|----------|---------------------------|--------|-----------|
| 954 | Outside the workshop, in first aid box scissor was not found   | Scissor should be placed in first aid box   | Elev 255  | UC | Nov-17 | MSW      | Medic Staff               | Closed | Immediate |
| 955 | At main entrance gate, In washroom of guard's darinage   | Guard line should be rectified  | Elev 255  | UC | Nov-17 | MSW      | Civil                     | Closed | 10-Dec-17 |
| 956 | Record of medicines and their expiry dates was written on  | Good Practices should always be appreciated   | Elev 255  | UC | Nov-17 | MSW      | Medic Staff               | Closed | Immediate |
| 957 | Plastic Bottel found near Gate no 3 of NBE Gates..   | It Should be removed  | NBE Gates | UC | Nov-17 | MSW      | Operations                | Closed | Immediate |
| 958 | Wild growth found around the NBE Gates Deep well Pump  | Wild growth should be cut properly.   | NBE Gates | UC | Nov-17 | MSW      | Civil                     | Closed | 10-Dec-17 |
| 959 | 'Grass found on roof top@ elev.275 along with the RTU'S  | It should be removed  | Elev 270  | UC | Nov-17 | D -Level | Civil                     | Closed | 10-Dec-17 |
| 960 | Safety pin of a Fire extinguisher found missing.   | It should be rectified immediately  | NBE Gates | UC | Dec-17 | MSW      | HSEQ                      | Closed | 10-Dec-17 |
| 961 | Wild growth found around the NBE Gates Deep well Pump  | Wild growth should be cut properly.   | NBE Gates | UC | Dec-17 | MSW      | Civil                     | Closed | 10-Dec-17 |
| 962 | Some pieces of cotton rag found in NBE Control Room fer  | It should be removed.   | NBE Gates | UC | Dec-17 | MSW      | BSS                       | Closed | Immediate |
| 963 | Exhust pipe of NBE Gates DG found rusty.   | Proper paint should be appilled on the DG Exhust pipe.  | NBE Gates | UC | Dec-17 | MSW      | Maintenance               | Closed | 10-Dec-17 |
| 964 | Incoming DB of IC-2 found rusty.   | Proper paint should be appilled on the DB.  | NBE Gates | UC | Dec-17 | MSW      | Maintenance               | Closed | 10-Dec-17 |
| 965 | Notice board of NBE Gates CCR found broken.  | It should be rectified properly.  | NBE Gates | UC | Dec-17 | MSW      | Civil                     | Closed | 10-Dec-17 |
| 966 | Curtain railing of the NBE Gates CCR window curtain near   | It should be rectify Properly.  | NBE Gates | UC | Dec-17 | MSW      | Civil                     | Closed | 10-Dec-17 |
| 967 | Poor House Keeping in GIS room.  | Proper Cleaning should be carried out.  | NBE Gates | UC | Dec-17 | MSW      | BSS                       | Closed | 10-Dec-17 |
| 968 | Seepage Oil found in bearing oil system of unit #3.  | It should be cleaned properly.  | NBE Gates | UC | Dec-17 | MSW      | Maintenance               | Closed | 10-Dec-17 |
| 969 | Paper Cover of Emergency push button for emergency clo   | New paper cover should be installed to avoid any incident   | NBE Gates | UC | Dec-17 | MSW      | Maintenance               | Closed | 10-Dec-17 |
| 970 | Thoroughly physical inspection of emergency shutter has been carried out & during discussion it revealed that testing of these doors is not carried out since installation | It is recommended that mock drill for closing of these shutters should be performed in order to check its functionality | Elev 261  | UC | Dec-17 | MSW      | SEQ/Maintenance /Operatic | Closed | 10-Dec-17 |
| 971 | A rod found extended from main pipeline of deep well pu  | Yellow tape should be displayed across it as an administrative control  | Elev 255  | UC | Dec-17 | MSW      | HSEQ                      | Closed | Immediate |
| 972 | Rakes found hanging at elev 255 near deep well pump are  | It is recommended that these rakes should be hanged upwards to avoid any contact with passing by worker                 | Elev 255  | UC | Dec-17 | MSW      | Maintenance               | Closed | Immediate |

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| 973 | Locks of Hose reel cabinets broken at Unloading bay & in   | Locks should be replaced immediately   | Elev 245    | UC        | Dec-17 | Person                | Civil       | Closed | 10-Dec-17 |
| 974 | Reptiles and snake repellents must be used in Plant and c  | It should be done on periodic basis  | Power Plant | UC        | Dec-17 | D-level               | HSEQ        | Closed | Immediate |
| 975 | The length of ladder at water treatment plant is slightly h  | It should be adjusted  | Elev 245    | UC        | Dec-17 | D-level               | Maintenance | Closed | 30-Dec-17 |
| 976 | FM200 Vessel tanks needs cleaning.   | It should cleaned on periodic basis  | Power Plant | UC        | Dec-17 | D-level               | Operations  | Closed | 30-Dec-17 |
| 977 | Fire Fighting Engine Silencer found to be punctured whic   | It should be rectified   | Elev 270    | UC        | Dec-17 | D-level               | Maintenance | Closed | 30-Dec-17 |
| 978 | Road jump Near NBE gates need to be repainted as for ha  | It should be painted   | NBE gates   | UC        | Dec-17 | D-level               | LEL         | Closed | 30-Dec-17 |
| 979 | There is no light in Wapda store.<br>During AM scaffolding pipes will be   | Lights Should be Installed   | NBE gates   | UC        | Dec-17 | D-level               | Maintenance | Closed | 30-Dec-17 |
| 980 | It has been observed no socket is available near NBE gates for carrying out any kind of work e.g grinding, welding, cutting etc. Sockets should be                                   | Socket should be provided  | NBE gates   | UC        | Dec-17 | D-level               | Electrcical | Closed | 30-Dec-17 |
| 981 | It was observed that shifting of materials (Battery Bank) being carried out from warehouse to unloading bay and machine hall using forklifter and pallet trolleys without PTW.       | PTW Procedure should be strictly followed  | Elev 251    | Near Miss | Dec-17 | Near Miss Report Forr | Maintenance | Closed | Immediate |
| 982 | In D level meeting of mechanical section it was highlighted that due to non availability of proper maintenance sockets/ breakers at NBE gates , wellding machine has to be connected | 1. Issue was discussed during the weekly meeting and it was decided that proposal to be prepared to initiate MOC for provision of proper maintenance breakers/Sockets at NBE gates for safe use of power tools and equipments in the area.   | NBE gates   | Near Miss | Dec-17 | Near Miss Report Forr | Maintenance | Closed | 30-Dec-17 |
| 983 | Operation team reported that Pre alarm & Fire alarm app  | 1. Operation team responded to the alarm and observevd that Some Refrigerant (407) discharged(Leaked) from ACCU - 05 - C high pressure pipe at MCC Room @ Elevation:- 245m, which resulted into the accumulation of gas inside the MCC room causing the activation of fire alam.<br>2.Relevant control & main circuit breakers switched OFF. Informed Electrical section immediately. Due to insufficient ventilation, Portable exhaust blowers (SHT-30) have been used to ventilate the area. | Elev 245    | Near Miss | Dec-17 | Near Miss Report Forr | Operation   | Closed | Immediate |
| 984 | Battries terminals in battery room don't have any cover ,  | Batteries cover should be installed  | Elev 245    | UC        | Dec-17 | D-Level               | Operation   | Closed | 20-Dec-17 |
| 985 | PRV guage of dewtaering pump 1 is not working properly   | It Should be rectified   | Elev 227    | UC        | Dec-17 | D-Level               | Maintenance | Closed | 20-Dec-17 |

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| 986 | The nuts of inspection window for rotor in unit # 01 were  | New nuts should be installed to avoid any hindrance.                             | Elev 245  | UC        | Dec-17 | D-Level               | Maintenance | Closed | 20-Dec-17 |
| 987 | The tube lights inside the cable galleries were found out  | Tube lights needs to be replaced with new one                                    | Elev 245  | UC        | Dec-17 | D-Level               | Maintenance | Closed | 20-Dec-17 |
| 988 | During monthly maintenance activities of Unit#1 , it was highlighted by Chargman C&I to cover the AC Circuit breaker area to avoid exposure and contact of falling particles with the energized circuit before the AC breaker            | AC Breaker should be covered   | Elev 245  | UC        | Dec-17 | D-Level               | Maintenance | Closed | 20-Dec-17 |
| 989 | On Thursday Dec 21, 2017 at around 6 PM, a local person was observed on LEL road near the main gate comingnon a motorcycle from colony side with a dog running along him. There was liklihood that dog would have harmed the pedestrians | Awareness signs about entry of wild animals should be displayed at entrance gate | LEL Road  | Near Miss | Dec-17 | Near Miss Report Form | LEL         | Closed | 5-Jan-17  |
| 990 | A water leakage was observed from shaft seal of U#2, creating slip/ trip hazard in the turbine access and generator bearing indicator malfunction  | Leakage should be rectified or bucket should be placed to avoid any incident     | Elev 245  | Near Miss | Dec-17 | Near Miss Report Form | Maintenance | Closed | Immediate |
| 991 | It has been observed that during taking measurements for installation of monkey ladder, a crew member seen tress passing the railing installed at the intake side of crane without any fall protection                                   | Fall protection must be used during working at height                            | Elev 251  | Near Miss | Dec-17 | Near Miss Report Form | LEL         | Closed | Immediate |
| 992 | A Person observed passing through the barricaded area during installation of Battery Bank charger Panel. Movement of unauthorized person through barricaded area could result into serious accident                                      | Barrication should not be crossed ,except authorized person                      | Elev 245  | Near Miss | Dec-17 | Near Miss Report Form | HSEQ        | Closed | Immediate |
| 993 | It has been observed that Hot Work Permit # 387 (Drilling for frame of voltage regulator) was not dully signed by BO & LEL reading was not taken prior to start  | Operations staff should religiously follow the PTW requirements                  | Elev 245  | Near Miss | Dec-17 | Near Miss Report Form | Operation   | Closed | Immediate |
| 994 | On Dec 25, 2017 at 08:22 AM when 132 transmission kV line shutdown, Emergency lights of Charger Room and DG Set Room was not turned on   | Lights Should be rectified asap  | Elev 245  | Near Miss | Dec-17 | Near Miss Report Form | Maintenance | Closed | Immediate |
| 995 | Operating Handle of one Electric Panel is damaged  | It Must be rectified   | Elev 245  | UC        | Dec-17 | MSW                   | Operations  | Closed | 5/1/2018  |
| 996 | Yellow tape was missing in some of hatch covers at Elev 246  | Yellow tape must be installed  | Elev 246  | UC        | Dec-17 | MSW                   | HSEQ        | Closed | Immediate |
| 997 | Oil Spillage Observed form de hydration Plant at Elev 245  | proper housekeeping must be maintained   | Elev 247  | UC        | Dec-17 | MSW                   | Maintenance | Closed | Immediate |
| 998 | During Additional Battery bank installation A crew member  | PPE,s Compliance should be 100 %   | Elev 248  | UC        | Dec-17 | MSW                   | Maintenance | Closed | Immediate |
| 999 | The grass was piled up in the garden infront of Power House  | Grass should pick up after cutting not piled up in the garden.                   | NBE Gates | UC        | Dec-17 | MSW                   | Civil       | Closed | Immediate |



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|------|---|---|-----------|-----------|--------|----------|-------------|--------|-----------|
| 1000 | At NBE escape Gate # 1, railing is not present any animal   | Safety railing must be installed to avoid any hazard.         | NBE Gates | UC        | Dec-17 | MSW      | LEL         | Closed | 5/1/2018  |
| 1001 | At NBE gates control panel, LOTO is placed but its in auto  | Gate can be operated under loto because its in the Auto Mode. | NBE Gates | UC        | Dec-17 | MSW      | Operations  | Closed | Immediate |
| 1002 | Cable Tray of NBE Gate # 3 was found broken.  | It should be Rectified immediately                            | NBE Gates | UC        | Dec-17 | MSW      | Maintenance | Closed | Immediate |
| 1003 | At NBE CCR area, to extinguish fire buckets were found fu   | Good Practices should always be appreciated                   | NBE Gates | UC        | Dec-17 | MSW      | CIVIL       | Closed | Immediate |
| 1004 | Gate operator was not wearing the safety shoes.   | He must be awarded by safety shoes                            | NBE Gates | UC        | Dec-17 | MSW      | Operations  | Closed | Immediate |
| 1005 | At Police Check Post outside the plant area, electric socke   | It may cause short circuit.                                   | NBE Gates | UC        | Dec-17 | MSW      | Maintenance | Closed | 5/1/2018  |
| 1006 | The Emergeny Telephone system of Stations lifts are inoperable during Blackout (When Essential Bus & Non Essential Bus are dead). This facility is to be connected            | It Must be rectified  | Elevators | UC        | Dec-17 | D-LEVEL  | Operations  | Closed | 20/2/2018 |
| 1007 | Two people were observed inside the barricaded area while stop logs lowering operation was in progress at   | It Must be rectified  | Elev 245  | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1008 | Many People observed without wearing coveralls during stop logs lowering activity   | It Must be rectified  | Elev 245  | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1009 | Many People Observed without chin straps during stop logs lowering activity   | It Must be rectified  | Elev 245  | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1010 | Tag against PTW 5-1275 was applied at unit # 4 instead of unit # 1 & maintenance crew started work on system. This was diagnosed during isolation verification by CP &        | It Must be rectified  | Elev 245  | Near Miss | Dec-17 | AM Flyer | Operations  | Closed | Immediate |
| 1011 | At Elev 227 a crew was erecting the scaffolding platform , suddenly one pipe titled down towards the helpers  | It Must be rectified  | Elev 245  | Near Miss | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1012 | Two people observed inside the barricaded area without life jacket during lowering of draft tube stop logs  | It Must be rectified  | Elev 245  | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1013 | People Observed without chin straps during different activities   | It Must be rectified  | Elev 245  | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1014 | Three people observed violating the barrication during shifting of scaffolding material   | It Must be rectified  | Elev 245  | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1015 | Two People observed on stairs without using the hand rail   | It Must be rectified  | Elev 245  | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1016 | One crew member observed throwing the scaffolding coupler on floor during placement of railing across the hatch covers of Unit # 1  | It Must be rectified  | Elev 245  | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1017 | Minute spillage of oil observed during shifting of diesel from transformer deck to workshop   | It Must be rectified  | Elev 245  | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1018 | Two Tube Lights are not working at Elev 227   | It Must be rectified  | Elev 245  | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1019 | It was observed that shifting of scaffolding pipes by using 30 Ton crane was carried out without hoisting at Elev 245   | It Must be rectified  | Elev 245  | Near Miss | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1020 | It was observed on Dec 30 that rental DG was loaded on truck & it was struck with barrier while exiting from site due to insufficient clearance between barrier & top edge of | It Must be rectified  | Elev 245  | Near Miss | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1021 | It was reported that a emergency telephone is installed in warehouse which is a direct line but poster installed beside it depicting dialing of 35                            | It Must be rectified  | Elev 245  | Near Miss | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |

|      |  |   |          |           |        |          |             |        |           |
|------|--|---|----------|-----------|--------|----------|-------------|--------|-----------|
| 1022 | Some people were observed without chin straps while using monkey ladder of turbine housing   | It Must be rectified  | Elev 245 | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1023 | Some people were observed violating the three point contact rule while using staircase   | It Must be rectified  | Elev 245 | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1024 | Bad housekeeping observed at Elev 245 under 30 Ton Crane   | It Must be rectified  | Elev 245 | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1025 | It was reported that deluge system pipe clamp is missing near Transformer 03 .   | It Must be rectified  | Elev 245 | UC        | Dec-17 | AM Flyer | Maintenance | Closed | Immediate |
| 1026 | An electric motor dismantling activity was carried out using the crane, same was not included in the PTW and HIRARC/JSA of the system under annual maintenance.            | Activity was put on hold and concern section was informed to prepare the HIRARC and seek separate permit for additional work regarding the dismantling/Installation of motor. | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1027 | During Erection of Scaffolding under regulating ring of Unit # 1 a spanner slipped from the hands of one working crew member & fall on ground . Luckily no injury occurred | Crew member has been advised to safely use the spanner  | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1028 | It was observed that a ratchet slipped & fall on ground during activity of 11 KV Switch gear . Luckily no injury occurred  | Tools should be handled carefully   | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1029 | Lifting slings were found improperly stored in the temporary material storage area at EL 245.(UC)  | It should be stored properly  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1030 | Packing material recovered from battery bank lying in machine hall need disposal.(UC)  | It should be stored properly  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1031 | It was observed that rescuer for draft tube was not having Walkie talkie . (UC)  | Adequate communication should be maintained   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1032 | In PTW # 5-1301 Tag , Lock No & LOB No was not written on isolation Sheet  | PTW Requirements should be followed   | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1033 | It was observed that electric wire used for lightening purpose in Draft Tube was placed in middle of ladder , creating tripping Hazard                                     | Wires should be arranged properly.  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |

|      |   |  |          |           |        |          |             |        |           |
|------|---|--|----------|-----------|--------|----------|-------------|--------|-----------|
| 1034 | It was reported that some water accumulated in the tango lights installed inside the draft tube side. There was likelihood of short circuiting of lights due to water. The effected lights removed and replaced and concerned dept. has been told for regular monitoring of water level during night and timely dewatering to avoid | The effected lights removed and replaced and concerned dept. has been told for regular monitoring of water level during night and timely dewatering to avoid the accumulation of leakage water | Elev 227 | Near Miss | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1035 | Some employees were observed without ear protection inside draft tube area. (UA)  | PPE,s Compliance should be 100 %   | Elev 227 | UA        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1036 | Water Leakage observed from Deluge system at Elev 245   | Water Leakage should be rectified  | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1037 | 01 employee was working with open zip coverall . (UA)   | Loose clothing is not allowed  | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1038 | Packing material recovered from battery bank lying in machine hall need disposal.(UC)   | Packing material needs to be removed from site   | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1039 | A crew was working on motor of cooling water system & motor was couple with 80 Ton crane hook , Suddenly a Technicians helmet stuck with crane hook . Technician remain safe due to helmet  | PPE,s Compliance should be 100 %   | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1040 | A material handling bucket was stored just below the access ladder to turbine housing creating trip/fall hazard. (UC)   | Equipments should be stored at their designated places   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1041 | Draft tube inspection window bolts found scattered beneath the window.(UC)  | Bolts should be properly fixed   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1042 | A walkie talkie was observed put on the floor/surface inside the draft tube likelihood of damaging the walkie talkie .(UC)  | Equipments should be stored at their designated places   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1043 | Some diesel filled containers found stored in workshop near hot work area, need immediate shifting to prevent fire hazard.(UC)  | Cotainers should be stored at designated site  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1044 | Trash bins at unloading bay were observed overfilled , need disposal.(UC)   | Needs to disposed off immediately  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1045 | Monkey ladder contractor staff found without safety shoes in the work area.UA)  | PPE,s Compliance should be 100 %   | Elev 245 | UC        | Jan-18 | AM Flyer | LEL         | Closed | Immediate |
| 1046 | Contractor's welding equipment wires/leads without receptacle switch.(UC)   | Wedling equipments should be adequate  | Elev 245 | UC        | Jan-18 | AM Flyer | LEL         | Closed | Immediate |
| 1047 | A valve of brake system is struck with the helmet of a crew member while exiting from generator in bulb nose . Temporarily direction should be changed to avoid such tyoe of hazard. (UC)   | It should be rectified   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |

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|------|--|--|----------|-----------|--------|----------|-------------|--------|-----------|
| 1048 | During Switch over from SST 1 to SST 2 lights in confined space suddenly gone off creating dark in confined space for some time . (UC)   | These kind of activities should be planned   | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1049 | A worker was observed without helmet chin strap while climbing inside the turbine housing. (UA)  | PPE,s Compliance should be 100 %   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1050 | It was observed that on Jan 3, 2018 necessary testing on the system Cooling Water Pump#2 was performed using the sanction certificate #1. After testing though the required isolations were restored and as per record related LOTO keys were handed over to the relevant CPs but in actual one key was found in the lock hanging at LOP#4 in key safe system. Similarly the PTM#4 | Protocol of Sanction certificate should be followed  | Elev 245 | Near Miss | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1051 | Tag line was not used during lifting of monkey ladder at Elev 251. (UA)  | Tag Line should be used  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1052 | One monkey ladder contractor worker was found without safety shoes.(UA)  | PPE,s Compliance should be 100 %   | Elev 245 | UC        | Jan-18 | AM Flyer | LEL         | Closed | Immediate |
| 1053 | One Crew member observed working in machine hall without safety gloves .(UA)   | PPE,s Compliance should be 100 %   | Elev 245 | UC        | Jan-18 | AM Flyer | LEL         | Closed | Immediate |
| 1054 | Improper storage of lifting slings 245. (UC)   | Slings should be stored at designated places   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1055 | A permanent Light was out of order in turbine access gallery of Unit # 1 at Elev 227 . (UC)  | It should be rectified   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1056 | It was observed that a crew member hit by sudden opening of door at Elev 261. Luckily no injury occurred .   | Caution posters are already displayed at doors , & everyone is suggested to open the doors with extreme care . | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1057 | It was observed that Loctite was used in turbine housing   | MSDS Should be available at site   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |

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|------|---|---|----------|-----------|--------|----------|-------------|--------|-----------|
| 1058 | It was observed that in Isolation sheet of PTW # 1324   | Isolations Sheets should be properly filled     | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1059 | Entry sheet for CSEP # 1138 found at notice board , but CP was not around . Entry sheets for CSEP should not be left at site after finishing of job . (UC)                                      | Entry sheets should be in possession of CP      | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1060 | It was observed that tags for Cancelled PTW # 1316  | Tags should be removed                          | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1061 | Entry sheets for CSEP # 1140 & 1138 found displayed at site , but CP & Rescuer was not present at site , there is a potential that entry sheets in the absence of CP& rescuer could be misused. | Entry sheets should be in possession of CP      | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1062 | Expired PTW # 5-1242 found displayed at site . (UC)   | PTW,s should be renewed                         | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1063 | Slipping Hazard observed at Elev 227 due to leak  | It should be rectified                          | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1064 | Some employees were observed without chin strap   | PPE,s Compliance should be 100 %                | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1065 | One employee was observed without mask during   | PPE,s Compliance should be 100 %                | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1066 | An Employee was observed without safety shoes at Elev 245 . (UA)  | PPE,s Compliance should be 100 %                | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1067 | An edge strip was observed loose of one stair step leading towards El 227. (UC)   | It should be rectified                          | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1068 | A worker was observed climbing the straight ladder without following the three point contact . (UA)   | Three point contact should always be maintained | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |

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|------|--|--|----------|-----------|--------|----------|-------------|--------|-----------|
| 1069 | Safety harness was found lying with other equipment's and tools at Elev 245. (UC)  | PPE,s Should be properly stored  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1070 | Area was barricaded , but no signage was displayed . (UC)  | Signage should be displayed  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1071 | An Employee was observed without ear protection at Elev 227. (UA)  | PPE,s Compliance should be 100 %   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1072 | Poor Housekeeping observed at Elev 245 . (UC)  | Good Housekeeping should always be maintained  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1073 | MSDS was not available at site . (UC)  | MSDS Should be available at site   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1074 | A working crew member observed without safety gloves at Elev 245 . (UA)  | PPE,s Compliance should be 100 %   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1075 | An Employee observed trying to pick up a dropped paper from inside of guardrail installed at Elev 245. (UA)  | Unsafe acts should be avoided  | Elev 245 | UC        | Jan-18 | AM Flyer | Operation   | Closed | Immediate |
| 1076 | Scaffolding was observed without red tag while dismantling & erection . (UC)   | Scaffolding should be red tagged during erection   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1077 | Unnecessary barrication observed in an electrical room. (UC)   | Unnecessary barrication observed in an electrical room. (UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1078 | A crew member observed changing the filters of upper oil tank , but activity was not mentioned in HIRARC. (UC)   | A crew member observed changing the filters of upper oil tank , but activity was not mentioned in HIRARC. (UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1079 | Two People observed on stairs without holding the hand rail . (UA)   | Two People observed on stairs without holding the hand rail . (UA)   | Elev 245 | UA        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1080 | During placement of hatch covers on unit 1 hatch opening in machine hall a worker entered inside the barricaded area without wearing full body harness, there was potential fall hazard. He was instructed to come out and use full body harness for fall protection if it is necessary to trespass the barricade. | During placement of hatch covers on unit 1 hatch opening in machine hall a worker entered inside the barricaded area without wearing full body harness, there was potential fall hazard. He was instructed to come out and use full body harness for fall protection if it is necessary to trespass the barricade. | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1081 | Booster pump activity HIRARC was observed not  | Booster pump activity HIRARC was observed not signed off by the working party . (UA)   | Elev 245 | UA        | Jan-18 | AM Flyer | LEL         | Closed | Immediate |
| 1082 | As per record PTW# 1336 & 1335 found canceled  | As per record PTW# 1336 & 1335 found canceled however, relevant tags were found displayed at site (UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |

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|------|--|--|----------|-----------|--------|----------|-------------|--------|-----------|
| 1083 | Some materials were found stored in front of fire extinguisher in electrical room # 3, blocking the access.(UC)                    | Some materials were found stored in front of fire extinguisher in electrical room # 3, blocking the access.(UC)                    | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1084 | A worker was observed in high noise area without using hearing protection . (UA)   | A worker was observed in high noise area without using hearing protection . (UA)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1085 | Supporting rods for turbine housing of Unit # 4 was observed stucked. (UC)   | Supporting rods for turbine housing of Unit # 4 was observed stucked. (UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1086 | Fire Extinguisher was placed at non-designated place . (UC)  | Fire Extinguisher was placed at non-designated place . (UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1087 | HIRARC for of PTW # 5-1351 was observed not signed off by the working party . (UA)   | HIRARC for of PTW # 5-1351 was observed not signed off by the working party . (UA)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1088 | It was observed that 2 permanent lights are not working at stairs leading to Elev 227 ( Unit #1 side) . (UC)                       | It was observed that 2 permanent lights are not working at stairs leading to Elev 227 ( Unit #1 side) . (UC)                       | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1089 | Trash bin at Elev 245 was observed overfilled , need disposal. (UC)  | Trash bin at Elev 245 was observed overfilled , need disposal. (UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | BSS         | Closed | Immediate |
| 1090 | A worker was observed in high noise area without using hearing protection . (UA)   | A worker was observed in high noise area without using hearing protection . (UA)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1091 | In CSEP # 1157 maximum no of crew members allowed in turbine housing were 5 , but in actual 6 persons observed in turbine housing. | In CSEP # 1157 maximum no of crew members allowed in turbine housing were 5 , but in actual 6 persons observed in turbine housing. | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1092 | An Employee observed sitting on landing platform of turbine housing monkey ladder creating hindrance . (UA)                        | An Employee observed sitting on landing platform of turbine housing monkey ladder creating hindrance . (UA)                        | Elev 245 | UA        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1093 | One Corecutting contractor worker was found without safety gloves in work area . (UA)  | One Corecutting contractor worker was found without safety gloves in work area . (UA)  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1094 | A rope observed piled up near turbine housing entry, creating tripping hazard . (UC)   | A rope observed piled up near turbine housing entry, creating tripping hazard . (UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1095 | An Employee observed at Elev 227 with open zip coverall.(UA)   | An Employee observed at Elev 227 with open zip coverall.(UA)   | Elev 245 | UA        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1096 | Slipping Hazard observed at Elev 227 & 259.9 (UC)  | Slipping Hazard observed at Elev 227 & 259.9 (UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1097 | Two persons were observed climbing the cage ladder inside Bulb nose simultaneously.  | Two persons were observed climbing the cage ladder inside Bulb nose simultaneously.  | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |

|      |   |   |          |           |        |          |             |        |           |
|------|---|---|----------|-----------|--------|----------|-------------|--------|-----------|
| 1098 | Mechanical working crew found monitor lizard on generator side lizard during Annual Maintenance of Generator System . (UC)  | Mechanical working crew found monitor lizard on generator side lizard during Annual Maintenance of Generator System . (UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1099 | An Employee observed standing under the emergency shutter . (UA)  | An Employee observed standing under the emergency shutter . (UA)  | Elev 245 | UA        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1100 | A worker was observed without helmet chin strap while climbing inside the turbine housing. (UA)   | A worker was observed without helmet chin strap while climbing inside the turbine housing. (UA)   | Elev 245 | UA        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1101 | It was observed that during greasing of discharge ring bolts with lifting cage , 30 Ton Crane was used & operated with the help of remote . But the access door of crane at Elev 259.9 observed not locked , so there is a potential that some one could enter during crane operation. Working crew has been advised to ensure that access door should be locked during lifting activity. | It was observed that during greasing of discharge ring bolts with lifting cage , 30 Ton Crane was used & operated with the help of remote . But the access door of crane at Elev 259.9 observed not locked , so there is a potential that some one could enter during crane operation. Working crew has been advised to ensure that access door should be locked during lifting activity. | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1102 | Access way to Emergency exit observed blocked due to barricade installed near unit # 4 .  | Access way to Emergency exit observed blocked due to barricade installed near unit # 4 .  | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1103 | Access way to Fire Extinguisher observed blocked due to installation of hard barricade.   | Access way to Fire Extinguisher observed blocked due to installation of hard barricade.   | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1104 | Double core cable used for lighting purpose inside the bulb nose . (UC)   | Double core cable used for lighting purpose inside the bulb nose . (UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1105 | One Employee observed passing under the suspended lifting cage at Elev 227 .(UA)  | One Employee observed passing under the suspended lifting cage at Elev 227 .(UA)  | Elev 245 | UA        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1106 | A compressed air hose was observed scattered inside the draft tube area creating tripping hazard.(UC)   | A compressed air hose was observed scattered inside the draft tube area creating tripping hazard.(UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1107 | For scaffolding along the wicket gates, a scaffolding plank was observed extended/overlap its support more than 2 feet which is against the OSHA scaffolding guidelines.(UC)  | For scaffolding along the wicket gates, a scaffolding plank was observed extended/overlap its support more than 2 feet which is against the OSHA scaffolding guidelines.(UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1108 | A scaffolding worker was observed throwing clamp to the Scaffolders working at height.(UA)  | A scaffolding worker was observed throwing clamp to the Scaffolders working at height.(UA)  | Elev 245 | UA        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1109 | Some cotton rags were found scattered at EL 227 , creating housekeeping issues.(UC)   | Some cotton rags were found scattered at EL 227 , creating housekeeping issues.(UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1110 | Inspection of first aid box at EL 227 was found not updated.(UC)  | Inspection of first aid box at EL 227 was found not updated.(UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Medic Staff | Closed | Immediate |



|      |  |  |          |           |        |          |             |        |           |
|------|--|--|----------|-----------|--------|----------|-------------|--------|-----------|
| 1111 | Two Employees were observed working without safety gloves in Machine hall ( Elev 245 ) . (UC)  | Two Employees were observed working without safety gloves in Machine hall ( Elev 245 ) . (UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1112 | A crew member observed without using helmet chin strap during work at height . (UA)  | A crew member observed without using helmet chin strap during work at height . (UA)  | Elev 245 | UA        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1113 | Slipping Hazard observed at Elev 227 due to some water leakage . (UC)  | Slipping Hazard observed at Elev 227 due to some water leakage . (UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1114 | A Chair was observed Damaged in LCU 5, needs rectification . (UC)  | A Chair was observed Damaged in LCU 5, needs rectification . (UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1115 | The Temporary lights installed at hatch opening of Unit # 4 was not secured properly . (UC)  | The Temporary lights installed at hatch opening of Unit # 4 was not secured properly . (UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1116 | A contractor worker was observed placing cardboards with revolving cutter during core cutting activity . There was potential that hand could come into contact with revolving cutter | A contractor worker was observed placing cardboards with revolving cutter during core cutting activity . There was potential that hand could come into contact with revolving cutter | Elev 245 | Near Miss | Jan-18 | AM Flyer | LEL         | Closed | Immediate |
| 1117 | A worker was observed anchoring the harness with pipe on transformer not strong enough to carry the load.(UC)  | A worker was observed anchoring the harness with pipe on transformer not strong enough to carry the load.(UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | LEL         | Closed | Immediate |
| 1118 | Contractor worker observed using the ladder not fully extended , at least 3ft above the roof edge.(UC)   | Contractor worker observed using the ladder not fully extended , at least 3ft above the roof edge.(UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | LEL         | Closed | Immediate |
| 1119 | Contractor worker observed not wearing gloves and hearing protection while doing the core cutting activity.(UA)  | Contractor worker observed not wearing gloves and hearing protection while doing the core cutting activity.(UA)  | Elev 245 | UC        | Jan-18 | AM Flyer | LEL         | Closed | Immediate |
| 1120 | Two workers were observed using DW 40 for cleaning the bolts but were unaware of its hazards.(UA)  | Two workers were observed using DW 40 for cleaning the bolts but were unaware of its hazards.(UA)  | Elev 245 | UA        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1121 | A worker observed using improper access to reach the scaffolding platform on other side of runner hub in draft tube.(UA)   | A worker observed using improper access to reach the scaffolding platform on other side of runner hub in draft tube.(UA)   | Elev 245 | UA        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1122 | Access ladder of yellow tagged scaffolding was removed , but yellow tag was still placed at site . (UC)  | Access ladder of yellow tagged scaffolding was removed , but yellow tag was still placed at site . (UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |

|      |  |  |          |           |        |          |             |        |           |
|------|--|--|----------|-----------|--------|----------|-------------|--------|-----------|
| 1123 | A technician tried to open a steel sheet role tied with a cotton string, when string was cut the sheet suddenly unrolled and came towards the face of the technician sitting nearby, no body hurt. | A technician tried to open a steel sheet role tied with a cotton string, when string was cut the sheet suddenly unrolled and came towards the face of the technician sitting nearby, no body hurt. | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1124 | A worker was observed without harness while performing lifting of hatch covers on draft tube side .(UC)  | A worker was observed without harness while performing lifting of hatch covers on draft tube side .(UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1125 | Unit 4 hatch covers were observed open but no proper barricading and caution signs were in place.(UC)  | Unit 4 hatch covers were observed open but no proper barricading and caution signs were in place.(UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1126 | A snake came along the gantry crane rope from water, during stop log lowering activity at unit 2 intake side, snake was captured and killed with snake catcher.(UC)                                | A snake came along the gantry crane rope from water, during stop log lowering activity at unit 2 intake side, snake was captured and killed with snake catcher.(UC)                                | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1127 | A worker was observed doing cleaning in stop log storage area without wearing dust mask. (UA)  | A worker was observed doing cleaning in stop log storage area without wearing dust mask. (UA)  | Elev 245 | UA        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1128 | A permanent light observed out of order at Elev 227 near inspection window of Unit # 2.(UC)  | A permanent light observed out of order at Elev 227 near inspection window of Unit # 2.(UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1129 | General Housekeeping & material stacking at EL 227 needs improvement. (UC)   | General Housekeeping & material stacking at EL 227 needs improvement. (UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1130 | Two Employees observed without hear protection at Elev 227 . (UA)  | Two Employees observed without hear protection at Elev 227 . (UA)  | Elev 245 | UA        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1131 | Improper storage of Full body harness & gumboots observed at Elev 227 . (UC)   | Improper storage of Full body harness & gumboots observed at Elev 227 . (UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1132 | Some employees were observed without chin straps.(UA)  | Some employees were observed without chin straps.(UA)  | Elev 245 | UA        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1133 | A scaffolder observed working on scaffolding platform without anchoring the full body harness.(UA)   | A scaffolder observed working on scaffolding platform without anchoring the full body harness.(UA)   | Elev 245 | UA        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |

|      |   |   |          |    |        |          |             |        |           |
|------|---|---|----------|----|--------|----------|-------------|--------|-----------|
| 1134 | A crew member observed anchoring the full body harness with barricaded chains , not enough to bear the load. (UA)   | A crew member observed anchoring the full body harness with barricaded chains , not enough to bear the load. (UA)   | Elev 245 | UA | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1135 | Two people observed giving signals to the crane operator during shifting of hatch covers. (UA)  | Two people observed giving signals to the crane operator during shifting of hatch covers. (UA)  | Elev 245 | UA | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1136 | An employee observed climbing the monkey ladder of turbine housing without using chin strap .(UA)   | An employee observed climbing the monkey ladder of turbine housing without using chin strap .(UA)   | Elev 245 | UA | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1137 | The lid of dustbin was found open as a piece of pipe & tube light rod was kept in it. (UC)  | The lid of dustbin was found open as a piece of pipe & tube light rod was kept in it. (UC)  | Elev 245 | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1138 | Dust Bins at Elev 245 observed full , need disposal . (UC)  | Dust Bins at Elev 245 observed full , need disposal . (UC)  | Elev 245 | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1139 | One employee observed trying to communicate with a crew working at Elev 227 over the guard railing installed at Elev 245.(UA)   | One employee observed trying to communicate with a crew working at Elev 227 over the guard railing installed at Elev 245.(UA)   | Elev 245 | UA | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1140 | Two Employees observed working in machine hall without safety gloves . (UA)   | Two Employees observed working in machine hall without safety gloves . (UA)   | Elev 245 | UA | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1141 | Two Employees were observed without nitrile gloves & mask while handling the oil at Elev 245 . (UA)   | Two Employees were observed without nitrile gloves & mask while handling the oil at Elev 245 . (UA)   | Elev 245 | UA | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1142 | An Employee observed on stairs not using the hand rail.(UA)   | An Employee observed on stairs not using the hand rail.(UA)   | Elev 245 | UA | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1143 | During verification of isolations it was observed that some isolations for PTW # 5-1443 & 5-1424 were same but on isolation tags only one PTW number was mentioned . (UC) | During verification of isolations it was observed that some isolations for PTW # 5-1443 & 5-1424 were same but on isolation tags only one PTW number was mentioned . (UC) | Elev 245 | UC | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1144 | An Employee observed standing under the emergency shutter at Elev 245 . (UA)  | An Employee observed standing under the emergency shutter at Elev 245 . (UA)  | Elev 245 | UA | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1145 | No signage was displayed to restrict the entry into the turbine housing from Elev 227.(UC)  | No signage was displayed to restrict the entry into the turbine housing from Elev 227.(UC)  | Elev 245 | UC | Jan-18 | AM Flyer | Operations  | Closed | Immediate |

|      |  |  |          |    |        |          |             |        |           |
|------|--|--|----------|----|--------|----------|-------------|--------|-----------|
| 1146 | Improper storage of full body harness was observed at Elev 227 . (UC)  | Improper storage of full body harness was observed at Elev 227 . (UC)  | Elev 245 | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1147 | Barricading tape was not removed though the work was completed at bulb nose of unit 4. (UC)                    | Barricading tape was not removed though the work was completed at bulb nose of unit 4. (UC)                    | Elev 245 | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1148 | A permanent light was observed detached at stairs leading to Emergency exit near unit 4 . (UC)                 | A permanent light was observed detached at stairs leading to Emergency exit near unit 4 . (UC)                 | Elev 245 | UC | Jan-18 | AM Flyer | Maintenance | closed | Immediate |
| 1149 | The lid of dustbin was found open as flexible pipe was kept in it.(UC)   | The lid of dustbin was found open as flexible pipe was kept in it.(UC)   | Elev 245 | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1150 | An Employee was observed leaning on guardrail at Elev 245 . (UA)   | An Employee was observed leaning on guardrail at Elev 245 . (UA)   | Elev 245 | UA | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1151 | HIRARC for of PTW # 5-1439 was observed not signed off by the working party .(UC)                              | HIRARC for of PTW # 5-1439 was observed not signed off by the working party .(UC)                              | Elev 245 | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1152 | Working area was observed overcrowded during testing activity of Electrical section .(UC)                      | Working area was observed overcrowded during testing activity of Electrical section .(UC)                      | Elev 245 | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1153 | A rope was observed piled up near guardrail , creating tripping hazard . (UC)                                  | A rope was observed piled up near guardrail , creating tripping hazard . (UC)                                  | Elev 245 | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1154 | Door lock of Electrical room # 2 was observed damaged , need to be rectified . (UC)                            | Door lock of Electrical room # 2 was observed damaged , need to be rectified . (UC)                            | Elev 245 | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1155 | Two Employees were observed without hearing protection during operation of dewatering pumps at Elev 227 . (UA) | Two Employees were observed without hearing protection during operation of dewatering pumps at Elev 227 . (UA) | Elev 245 | UA | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1156 | CSEP number was not mentioned in PTW # 5-1449. (UC)  | CSEP number was not mentioned in PTW # 5-1449. (UC)  | Elev 245 | UC | Jan-18 | AM Flyer | Operations  | Closed | Immediate |

|      |  |   |          |           |        |          |             |        |           |
|------|--|---|----------|-----------|--------|----------|-------------|--------|-----------|
| 1157 | During use of man lifting cage for rectification of pipelines at unit 2, it was observed that lifting zone at EL 227 was not barricaded and two workers were working inside the lifting zone under the suspended load  | During use of man lifting cage for rectification of pipelines at unit 2, it was observed that lifting zone at EL 227 was not barricaded and two workers were working inside the lifting zone under the suspended load   | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1158 | A person was observed standing in the line of fire   | A person was observed standing in the line of fire of spanner during bolt tightening of flange at sump oil tank (UA)  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1159 | There was an inadequate barricade around the bulb nose confined space access opening, potential fall hazard for workers working on nearby panels (UC)  | There was an inadequate barricade around the bulb nose confined space access opening, potential fall hazard for workers working on nearby panels (UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1160 | Cuts observed in the strands of rope being used  | Cuts observed in the strands of rope being used for holding the temporary light(UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1161 | PTW required confined space caution sign was missing   | PTW required confined space caution sign was missing at confined space entry point (UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1162 | 1. During calibration of pressure gauges for bearing oil tank at Unit 2 , a crew member was trying to open the socket fitting ,suddenly it slipped from his hand & dropped on the lens of safety glasses of another crew sitting below . Luckily the crew member remained safe due to wearing of safety glasses. | During calibration of pressure gauges for bearing oil tank at Unit 2 , a crew member was trying to open the socket fitting ,suddenly it slipped from his hand & dropped on the lens of safety glasses of another crew sitting below . Luckily the crew member remained safe due to wearing of safety glasses. | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |

|      |   |  |          |           |        |          |             |        |           |
|------|---|--|----------|-----------|--------|----------|-------------|--------|-----------|
| 1163 | 2. There was an inadequate barricade around the bulb nose confined space access opening, potential fall hazard for workers working on nearby panels | There was an inadequate barricade around the bulb nose confined space access opening, potential fall hazard for workers working on nearby panels | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1164 | Scaffolding ladder was removed but yellow tag was still placed at scaffold  | Scaffolding should not be altered when yellow tag is in place  | Elev 227 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1165 | Three Employees were observed without hearing protection at Elev 227 . (UA)   | Three Employees were observed without hearing protection at Elev 227 . (UA)  | Elev 245 | UA        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1166 | Scaffolding ladder was removed but yellow tag was still placed at scaffold . There was potential that scaffold could be misused                     | Scaffolding should be tagged   | Elev 245 | Near Miss | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1167 | A PTW was observed without signature of competent person . (UC)   | A PTW was observed without signature of competent person . (UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1168 | Two scaffolders were observed working without safety glasses at Elev 227 . (UA)   | Two scaffolders were observed working without safety glasses at Elev 227 . (UA)  | Elev 245 | UA        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1169 | A HIRARC was observed without signature of working party . (UC)   | A HIRARC was observed without signature of working party . (UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1170 | During lifting activity at Elev 245 , It was observed that area was barricaded , but poster for temporary entrance was not displayed. (UC)          | During lifting activity at Elev 245 , It was observed that area was barricaded , but poster for temporary entrance was not displayed. (UC)       | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1171 | Trash bins at Elev 245 were observed overfilled , need disposal. (UC)   | Trash bins at Elev 245 were observed overfilled , need disposal. (UC)  | Elev 245 | UC        | Jan-18 | AM Flyer | BSS         | Closed | Immediate |

|      |  |  |          |           |        |          |             |        |           |
|------|--|--|----------|-----------|--------|----------|-------------|--------|-----------|
| 1172 | Some employees were observed without chin straps.(UA)  | Some employees were observed without chin straps.(UA)  | Elev 245 | UA        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1173 | One worker was observed holding too much material in hands i.e. cotton rags, ratchet, grease box ,and PTW. (UA)  | One worker was observed holding too much material in hands i.e. cotton rags, ratchet, grease box ,and PTW. (UA)                      | Elev 245 | UA        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1174 | A worker was observed without full body harness during lowering of stop logs.(UA)  | A worker was observed without full body harness during lowering of stop logs.(UA)  | Elev 245 | UA        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1175 | Two Employees were observed without helmet chin strap while climbing inside the bulb nose .(UA)  | Two Employees were observed without helmet chin strap while climbing inside the bulb nose .(UA)                                      | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1176 | Area was barricaded , but no poster was displayed to restrict the entry into working zone, during stop log insertion activity . (UC)   | Area was barricaded , but no poster was displayed to restrict the entry into working zone, during stop log insertion activity . (UC) | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1177 | Trip hazard was observed at El 245. (UC)   | Trip hazard was observed at El 245. (UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1178 | Announcement made by CCR through PAS (Public address system ) for evacuation due to earthquake was not clearly heard at Elev 245 , which created confusion among the workers & affected the timely evacuation. | They were approached through walike talkie & telephone for conveying of message to make evacuation.                                  | Elev 245 | Near Miss | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1179 | Working area was observed overcrowded at Elev 245 . (UC)   | Working area was observed overcrowded at Elev 245 . (UC)   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1180 | An Employee was observed working without safety glasses at Elev 245 . (UA)   | An Employee was observed working without safety glasses at Elev 245 . (UA)   | Elev 245 | UA        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1181 | A PTW number was not mentioned in main Tag of ESD & Revision mode . (UC)   | PTW No should be mentioned on tags   | Elev 245 | UC        | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1182 | An Adjustable support of cage ladder leading to turbine housing of unit 2 observed loose . (UC)  | Adjustable supports should be fixed  | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1183 | An employee was observed standing under the emergency shutter  | Any one should not stand under the emergency shutter   | Elev 245 | UA        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |

|      |  |   |            |    |        |          |             |        |           |
|------|--|---|------------|----|--------|----------|-------------|--------|-----------|
| 1184 | Slipping Hazard was observed at Elev 227 due to water leakage  | Leakge should be rectified  | Elev 227   | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1185 | guardrail installed at hatch covers opening of Unit # 3 (UA)   | Leaning on guardrail is strictly prohibited                         | Elev 245   | UA | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1186 | An employee was observed working with open zip coverall. (UA)  | Loose clothing is not allowed                                       | Elev 245   | UA | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1187 | The lid of confined space (Turbine Housing) was partially closed, it is advised to closed it properly by removing the ladder supports.(UC) | it is advised to closed it properly by removing the ladder supports | Elev 245   | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1188 | Work was completed at bulb nose of Unit # 2, but hard barrication was still placed at site . (UC)  | barrication should be removed after commencement of work            | Elev 245   | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1189 | Access way of Fire Extinguisher was observed blocked due to installation of barrication . (UC)   | Access way should not be blocked                                    | Elev 245   | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1190 | Rescue winch was observed placed at non-designated place . (UC)  | Rescue winch should be placed at designated place                   | Elev 245   | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1191 | An Employee was observed without hearing protection at Elev 227. (UA)  | PPE,s Compliance should be 100 %                                    | Elev 227   | UA | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1192 | Isolation sheet was not attached with a PTW  | Isolation sheet should be attached                                  | Elev 245   | UC | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1193 | It was observed that a lock number was not mentioned in isolation sheet of a PTW.  | Lock number should be mentioned                                     | Elev 245   | UC | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1194 | Lock of Auxilliary panel for unit 3 was observed damaged , need to be repaired   | Lock should be rectified  | Elev 245   | UC | Jan-18 | AM Flyer | Civil       | Closed | Immediate |
| 1195 | It was observed that lighting inside the draft tube was not enough & was not according to the requirement of scaffolding erection          | Adequate lighting should be installed                               | Elev 245   | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1196 | Inadequate barrication was observed at turbine housing of Unit # 3   | Adequate barrication should be installed                            | Elev 245   | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1197 | Two people were observed without hearing protection at Elev 245.   | PPE,s Compliance should be 100 %                                    | Elev 245   | UA | Jan-18 | AM Flyer | Operations  | Closed | Immediate |
| 1198 | Tripping Hazard was observed at Elev 259.9 (Transformer Deck ) (UC)  | Tripping Hazard should be removed                                   | Elev 259.9 | UC | Jan-18 | AM Flyer | Maintenance | closed | Immediate |
| 1199 | A Trench cover near bearing oil tank of Unit # 2observed loose creating tripping hazard .  | Tripping Hazard should be removed                                   | Elev 245   | UC | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |



|      |  |  |          |           |        |          |             |        |           |
|------|--|--|----------|-----------|--------|----------|-------------|--------|-----------|
| 1200 | Permanent lights installed in access gallery near unit # 3 area at Elev 227, observed out of order.  | Lights should be rectified   | Elev 227 | UC        | Jan-18 | AM Flyer | Maintenance | closed | Immediate |
| 1201 | Few areas were found barricaded without signage showing the purpose of barrication .   | Proper signage should be displayed   | Elev 245 | UC        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1202 | Two workers were observed without wearing eye protection (safety glasses )   | PPE,s Compliance should be 100 %   | Elev 245 | UA        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1203 | An employee was observed working without safety gloves at Elev 245. (UA)   | PPE,s Compliance should be 100 %   | Elev 245 | UA        | Jan-18 | AM Flyer | Maintenance | Closed | Immediate |
| 1204 | At El. 245m, a ladder was found placed on polythene sheets which could have potential of serious injury due to slip hazard                                       | Polythene sheet should be removed from bottom of a ladder to avoid any slip hazard   | Elev 245 | UC        | Jan-18 | MSA      | Maintenance | Closed |           |
| 1205 | Left side stair case of Power Complex at EL. 233, a tube light was found loose   | Proper fixation of tube light should be ensured to avoid any fall or electrocution hazard.   | Elev 255 | UC        | Jan-18 | MSA      | Maintenance | Closed |           |
| 1206 | At EL.227m, scaffolding clamps protruded in the passageway   | Unnecessary scaffolding clamps should be removed   | Elev 227 | UC        | Jan-18 | MSA      | Maintenance | Closed |           |
| 1207 | Proper scaffolding with tag was being ensured in confined space of Unit #2 draft tube side for Runner inspection.  | Good practice needs to be ensured on regular basis   | Elev 227 | GP        | Jan-18 | MSA      | Maintenance | Closed |           |
| 1208 | It was observed that a gardener opened the panel of four DBs without authorization   | Only electrical department should be authorized to operate the such DBs.   | Elev 261 | UC        | Jan-18 | MSA      | Civil       | Closed |           |
| 1209 | Some cigarette butts were observed in the fountain which is a fire hazard  | Ensure the compliance of all safety rules  | Elev 261 | Near Miss | Jan-18 | MSA      | BSS         | Closed |           |
| 1210 | An electrician was observed without safety glasses working on a DB   | Activity was stopped and safety glasses was provided to the electrician.   | Elev 245 | UC        | Jan-18 | MSA      | LEL         | Closed |           |
| 1211 | LOTO was verified against the permit # 5-1430 and all tags were removed  | Good practice.   | Elev 245 | GP        | Jan-18 | MSA      | Operations  | Closed |           |
| 1212 | Hatch cover of bulb nose side at U-4 was opened due to tube light failure  | BO should know about all activities and permits. He must record and discuss all abnormality and ongoing activities while handing/taking over the shift | Elev 245 | UC        | Jan-18 | MSA      | Operations  | Closed |           |
| 1213 | It was observed that cable routed for temporary light arrangement in discharge ring of Unit-2 was tied with cotton rags which is not a good industrial practice. | Use of cotton rags should be stopped immediately and cable should be tied with proper cable tie.   | Elev 245 | UC        | Jan-18 | MSA      | Maintenance | Closed |           |
| 1214 | It was observed that height of barrication around the main entrance was not sufficient   | Height should be increased to make it safer  | Elev 245 | UC        | Jan-18 | MSA      | Maintenance | Closed |           |
| 1215 | Door closer of Electrical Room 1 Door 2 (elevation 245m) was found broken  | Door closer to be repaired or replaced   | Elev 245 | UC        | Jan-18 | MSA      | Civil       | Closed |           |

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|------|--|--|----------|----|--------|----------|-------------|--------|--|
| 1216 | At U-4 (elevation 227m) oil leakage was observed which can cause slip hazard   | Leakage rectification should be performed and cleaning of spilled oil to be performed to avoid slipping hazard | Elev 227 | UC | Jan-18 | MSA      | Maintenance | Closed |  |
| 1217 | Proper barricading was observed at elevation 227m  | Good Practices should always be appreciated  | Elev 227 | GP | Jan-18 | MSA      | Maintenance | Closed |  |
| 1218 | Three workers were found without hearing protection (at 227m elevation) with U-1 in service                              | The workers were asked to wear the hearing protection and they complied  | Elev 227 | UA | Jan-18 | MSA      | Maintenance | Closed |  |
| 1219 | MSDS was found present with oil filling operation in prog  | Good Practices should always be appreciated  | Elev 245 | GP | Jan-18 | MSA      | Maintenance | Closed |  |
| 1220 | Door for entrance in communication room (CCR) can cause  | Door to be checked and proper rectification to be done   | Elev 265 | UC | Jan-18 | MSA      | Maintenance | Closed |  |
| 1221 | Broken chair was found inside Server Room  | Broken chair to be removed from the room to avoid any mishap   | Elev 265 | UC | Jan-18 | MSA      | Maintenance | Closed |  |
| 1222 | A powered server was found in the middle of the room un  | Server position to be changed so that it is not in the middle of the room                                      | Elev 265 | UC | Jan-18 | MSA      | IT          | Closed |  |
| 1223 | A multi-socket extension was found hanging below the op  | The CCR staff was informed and the extension was then properly placed on the ground                            | Elev 265 | UC | Jan-18 | MSA      | Operations  | Closed |  |
| 1224 | Cladding found detached from pipes in AHU Room   | Cladding to be repaired as it can fall and cause damage to people and cause damage to equipment                | Elev 245 | UC | Jan-18 | MSA      | Operations  | Closed |  |
| 1225 | A worker was observed climbing the ladder with   | PPE,s Compliance should be 100 %   | Elev 245 | UA | Feb-18 | AM Flyer | Operations  | Closed |  |
| 1226 | An employee was observed standing under the e  | Everyone should not stand under the emergency shutter  | Elev 245 | UA | Feb-18 | AM Flyer | Operations  | Closed |  |
| 1227 | Working area was observed overcrowded at Ele   | Working area should not be overcrowded   | Elev 245 | UC | Feb-18 | AM Flyer | Maintenance | Closed |  |
| 1228 | Few workers were observed without ear protect  | PPE,s Compliance should be 100 %   | Elev 227 | UA | Feb-18 | AM Flyer | Maintenance | Closed |  |
| 1229 | During lifting activity at Elev 245 , It was observe   | Temporary entrance sign should be posted in the area   | Elev 245 | UC | Feb-18 | AM Flyer | Maintenance | Closed |  |
| 1230 | Dust Bins at Elev 245 were observed full , need  | Dust Bins should be disposed off regularly   | Elev 245 | UC | Feb-18 | AM Flyer | Maintenance | Closed |  |
| 1231 | General Housekeeping & material stacking at EL 227 needs improvement.(UC)  | Housekeeping should be ensured   | Elev 227 | UC | Feb-18 | AM Flyer | Maintenance | Closed |  |
| 1232 | Ladder installed at inspection window of unit 3 was not secured properly, there was potential of slipping & falling.(UC) | Ladder should be properly secured  | Elev 245 | UC | Feb-18 | AM Flyer | Maintenance | Closed |  |

|      |   |  |                    |           |        |          |                         |        |  |
|------|---|--|--------------------|-----------|--------|----------|-------------------------|--------|--|
| 1233 | An employee was observed at Elev 227 moving the pallet truck with his foot .(UA)  | Pallet truck should be moved in adequate way   | Elev 227           | UA        | Feb-18 | AM Flyer | Maintenance             | Closed |  |
| 1234 | MSDS was not available at site . (UC)   | MSDS Should be available at site   | Elev 227           | UC        | Feb-18 | AM Flyer | Maintenance             | Closed |  |
| 1235 | Two People were observed on stairs without holding the hand rail .(UA)  | hand rail must be used on stairs   | Elev 245           | UA        | Feb-18 | AM Flyer | Operations              | Closed |  |
| 1236 | An employee was observed at Elev 245 with open zip jacket. (UA)   | Loose clothing is not allowed  | Elev 245           | UA        | Feb-18 | AM Flyer | Operations              | Closed |  |
| 1237 | An Employee was observed crossing the barricade   | Barricading area should not croosed by unauthrized person                            | Elev 245           | Near Miss | Feb-18 | AM Flyer | Maintenance             | Closed |  |
| 1238 | It was observed that lanyard of a full body harness got stuck in foot of a crew member at Elev 227. (UA)  | Lanyard should be properly tied  | Elev 227           | UA        | Feb-18 | AM Flyer | Maintenance             | Closed |  |
| 1239 | An Employee was observed without hearing protection at Elev 227 . (UA)  | PPE,s Compliance should be 100 %   | Elev 227           | UA        | Feb-18 | AM Flyer | Maintenance             | Closed |  |
| 1240 | A crew member was observed leaning on the guardrail .(UA)   | Safe distance should be maintained from guardrail                                    | Elev 245           | UA        | Feb-18 | AM Flyer | Maintenance             | Closed |  |
| 1241 | An employee was observed without helmet chinstrap .(UA)   | PPE,s Compliance should be 100 %   | Elev 245           | UA        | Feb-18 | AM Flyer | Maintenance             | Closed |  |
| 1242 | Working area during stop logs removal activity was found barricaded without signage showing the purpose of barricading. (UC)  | Signage should be displayed  | Elev 259.9         | UC        | Feb-18 | AM Flyer | Maintenance             | Closed |  |
| 1243 | Two workers were observed without wearing eye protection (safety glasses ) . (UA)   | PPE,s Compliance should be 100 %   | Elev 245           | UA        | Feb-18 | AM Flyer | Maintenance             | Closed |  |
| 1244 | Trash bin at El 245 was found full and needs disposal.(UC)  | Trash Bins should be disposed off  | Elev 245           | UC        | Feb-18 | AM Flyer | Maintenance             | Closed |  |
| 1245 | A crew member was observed without using chinstrap while climbing into turbine housing .  | PPE,s Compliance should be 100 %   | Elev 245           | UA        | Feb-18 | AM Flyer | Maintenance             | Closed |  |
| 1246 | No entry signage was detached at entranc of transformer   | Signage should be displayed  | Elev 259.9         | UC        | Feb-18 | MSW      | HSEQ                    | Closed |  |
| 1247 | A metal rod observed extruded from ground near Bike p   | It should be removed to avoid tripping hazard  | Elev 261           | UC        | Feb-18 | MSW      | Civil                   | Closed |  |
| 1248 | Elevators need to be connected with DC system to make sure availability of power supply in case of AC supply failure.   | Possible ways should be considered to rectify/Modify it                              | Elevators          | UC        | Feb-18 | D-Level  | Maintenance /Operations | Closed |  |
| 1249 | During cleaning work at hub oil tank area, a worker was observed throwing a metal piece (Small pipe) from height to another worker standing at unloading bay area to catch the object | Both workers were counseled and told how to safely shift the materials from heights. | Elev 255           | Near Miss | Feb-18 | MSW      | Maintenance             | Closed |  |
| 1250 | Safety cage for NBE gates was hit by a vehicle & it moved   | It should be shifted to its original designation                                     | NBE gates          | UC        | Feb-18 | D-Level  | Operations              | Closed |  |
| 1251 | During telephonic communication testing for passenger elevator, it was observed that push button of elevator telephone is not working.  | It Should be rectified   | Passenger Elevator | Near Miss | Feb-18 | D-Level  | Operations              | Closed |  |

|      |   |   |           |           |        |                       |             |        |  |
|------|---|---|-----------|-----------|--------|-----------------------|-------------|--------|--|
| 1252 | Newly installed drainage pumps have an extra line installed   | It Should be rectified  | Elev 227  | UC        | Feb-18 | D-Level               | Maintenance | Closed |  |
| 1253 | Tools are consumables were scattered in mechanical storeroom  | It Should be rectified  | Elev 255  | UC        | Feb-18 | D-Level               | Maintenance | Closed |  |
| 1254 | During the annual maintenance inspection, sealings of the Fire alarm panels installed at the transformer deck were found damaged and it may cause rusting.  | Sealing should be rectified   | Elev 261  | UC        | Feb-18 | D-Level               | Maintenance | Closed |  |
| 1255 | Mechanical section has planned to do monthly maintenance on both elevators, however they were issued PTW on cargo elevator only, & were told that PTW on passenger elevator will be issued once work on cargo will be completed, when work on cargo completed one crew member switched off the passenger elevator for maintenance without intimation to CCR & without PTW | Staff was counseled for his unsafe act and told that please do not switched off the supply without taking PTW and informing CCR. Working equipment and area should in knowledge of all working team members | Elevators | Near Miss | Feb-18 | Near Miss Report Form | Maintenance | Closed |  |
| 1256 | A cafeteria staff was observed occupied his both hands with material trying to open the door with his foot. Suddenly the door was opened from inside and was about to hit the cafeteria staff   | Staff was counseled for his unsafe act and told to use trolley for transport of heavy objects and be aware of door collision hazards.   | Elev 265  | Near Miss | Feb-18 | Near Miss Report Form | BSS         | Closed |  |
| 1257 | Door lock observed broken for staircase at EL 271 area.   | Door lock need to be repaired   | Elev 271  | UC        | Feb-18 | MSW                   | Civil       | Closed |  |
| 1258 | Some cigarette butts were found scattered in the fire water area.   | Smoking should be restricted in the non designated areas.   | Elev 271  | UC        | Feb-18 | MSW                   | BSS         | Closed |  |
| 1259 | A barricading tape was used to barricade the area in machinery room   | Caution signs should be displayed with barricade to mention the purpose.  | Elev 245  | UC        | Feb-18 | MSW                   | Operations  | Closed |  |
| 1260 | Both Elevators ON/OFF breakers were found unsecured till now  | Need to be secured/ locked to prevent the miss operation of the elevators while in use.   | Elevators | UC        | Feb-18 | MSW                   | Operations  | Closed |  |
| 1261 | PTW issued on Feb 8, 2018 for activity on the booster pump  | AP/CP to ensure the timely renewal of PTW to avoid non compliance.  | Elev 265  | UC        | Feb-18 | MSW                   | Operations  | Closed |  |
| 1262 | Some materials were observed temporarily stored in the machinery room   | Material need to be stored in designated place.   | Elev 245  | UC        | Feb-18 | MSW                   | Operations  | Closed |  |
| 1263 | Some safety posters were observed lying on the ground in the machinery room   | Safety poster need to be installed properly at designated place   | Elev 261  | UC        | Feb-18 | MSW                   | HSEQ        | Closed |  |
| 1264 | There was not any caution signage displayed on newly installed equipment  | Adequate signage should be displayed  | Elev 245  | UC        | Feb-18 | MSW                   | Contractors | Closed |  |
| 1265 | Water leakage observed from valve of booster pump system  | Water Leakage should be rectified immediately   | Elev 245  | UC        | Feb-18 | MSW                   | Maintenance | Closed |  |
| 1266 | Access way to fire extinguisher was observed blocked due to storage of materials  | Access way to any emergency equipment should not be blocked   | Elev 245  | UC        | Feb-18 | MSW                   | LEL         | Closed |  |

|      |   |  |          |           |        |                       |             |        |  |
|------|---|--|----------|-----------|--------|-----------------------|-------------|--------|--|
| 1267 | A Dust Bin was observed without waste segregation sign  | Waste segregation sign should be pasted  | Elev 245 | UC        | Feb-18 | MSW                   | BSS         | Closed |  |
| 1268 | A Dust bin was observed missing at Elev 245   | Dust Bin Should be placed at its location  | Elev 245 | UC        | Feb-18 | MSW                   | BSS         | Closed |  |
| 1269 | A Type ladder & oil drum was observed with barrication a  | Storage area should be barricaded & signage should be displayed  | Elev 245 | UC        | Feb-18 | MSW                   | Maintenance | Closed |  |
| 1270 | Door lock at elev 270 was observed damaged need to be r   | It should be rectified immediatly.   | Elev 270 | UC        | Feb-18 | MSW                   | Civil       | Closed |  |
| 1271 | Dead Fishes found in the drainae pit of Unit #2 .   | They should be removed immediately.  | Elev 227 | UC        | Feb-18 | MSW                   | BSS         | Closed |  |
| 1272 | Drainade pit of unit is fill with water due to choking of dra   | It should be cleaned immediately.  | Elev 227 | UC        | Feb-18 | MSW                   | BSS         | Closed |  |
| 1273 | Poor house keeping in drainage pit of unit # 3.   | Proper cleeaning needed.   | Elev 227 | UC        | Feb-18 | MSW                   | BSS         | Closed |  |
| 1274 | Cigarette Buts found on Elevation 271 masl.   | Buts should be Cleaned properly.   | Elev 227 | UC        | Feb-18 | MSW                   | BSS         | Closed |  |
| 1275 | Poor House keeping in front of Ele: 271 Door .  | Proper Cleaning needed.  | Elev 271 | UC        | Feb-18 | MSW                   | BSS         | Closed |  |
| 1276 | wasp nests found on ground around thee main Fire Fighti   | It should be cleaned properly.   | Elev 271 | UC        | Feb-18 | MSW                   | BSS         | Closed |  |
| 1277 | A tube light found out of order in stair case.  | It should be rectified immediatly.   | Elev 271 | UC        | Feb-18 | MSW                   | Maintenance | Closed |  |
| 1278 | Ash Tray found full of cigarette buts @ Ele: 265.   | It should be cleaned properly.   | Elev 265 | UC        | Feb-18 | MSW                   | Maintenance | Closed |  |
| 1279 | Fire Extinguisher was observed missing from its designated place at EL 227. It was removed for Hot Work activity without intimation to HSE or area owner. | Fire Extinguisher had been immediately shifted to its designated place & working party had been advised to keep their separate fire extinguisher for hot work permits. | Elev 227 | Near Miss | Feb-18 | Near Miss Report Forr | Maintenance | Closed |  |
| 1280 | The lifting device area in the machine hall was missing bar   | Proper barricading to be performed to allocate the storage area  | Elev 245 | UC        | Mar-18 | MSA                   | Operations  | Closed |  |
| 1281 | Electrical room doors were found open which should be kept closed as per the insurer's recommendation   | Doors to be kept close at all times to avoid the escape of FM200 gas from the electrical rooms in case of fire   | Elev 245 | UC        | Mar-18 | MSA                   | Operations  | Closed |  |
| 1282 | A tube light in Electrical room 3 was not working   | Tube light to be rectified   | Elev 245 | UC        | Mar-18 | MSA                   | Maintenance | Closed |  |
| 1283 | Pieces of cable conduit were stored improperly in the bat   | The conduit should be stored in a proper place to avoid tripping hazard  | Elev 245 | UC        | Mar-18 | MSA                   | Maintenance | Closed |  |
| 1284 | A tube light in unit #4 stair case leading to elevation 227masl was not working   | Tube light to be rectified to avoid any personal injury to the staff using the staircase   | Elev 227 | UC        | Mar-18 | MSA                   | Maintenance | Closed |  |
| 1285 | A third-party contractor was found working inside the ma  | The working staff should use safety gloves to avoid personnel injuries   | Elev 245 | UC        | Mar-18 | MSA                   | LEL         | Closed |  |

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|------|--|--|------------------|-----------|--------|-----------------------|-------------|--------|--|
| 1286 | Roop Top from Scarps , folding pipes , non useable rubber  | It should be removed   | Elev 270         | UC        | Mar-18 | D-Level               | Maintenance | Closed |  |
| 1287 | Adjacent area of Fire Tanks from garbage,shrubs & cigarette  | It should be removed   | Elev 270         | UC        | Mar-18 | D-Level               | BSS         | Closed |  |
| 1288 | Lighting at transformer Deck found out of order (3 out of 5) which need to be rectified because due to improper lighting operation team facing   | Lighting Should be rectified   | Elev 259.9       | UC        | Mar-18 | D-Level               | Maintenance | Closed |  |
| 1289 | There must be proper fencing round the NGH so that local   | Fencing Should be installed  | NGH Level Sensor | UC        | Mar-18 | D-Level               | LEL         | Closed |  |
| 1290 | TGB Gas Actuators must be covered or relocated to prevent their damage because when other sections are working near the shaft seal put their   | It should be covered Properly.   | Elev 245         | UC        | Mar-18 | D-Level               | Maintenance | Closed |  |
| 1291 | Cigarette butts were observed on floor instead of cigarette  | Cigarette butts should be removed  | Plant Entrance   | UC        | Mar-18 | MSA                   | BSS         | Closed |  |
| 1292 | 4" cotton gauze and scissor was not available in First Aid   | Replenish immediately.   | Elev 245         | UC        | Mar-18 | MSA                   | Maintenance | Closed |  |
| 1293 | Handle of First aid box door was found damaged at El. 245  | It should be repaired immediately.   | Elev 245         | UC        | Mar-18 | MSA                   | Civil       | Closed |  |
| 1294 | Safety sign board was found on floor at El. 245 near 227 s   | Safety Signs should be installed at suitable locations   | Elev 245         | UC        | Mar-18 | MSA                   | HSEQ        | Closed |  |
| 1295 | Fork lifter was found parked in machine hall besides Unit  | Proper barrication should be installed   | Elev 245         | UC        | Mar-18 | MSA                   | Maintenance | Closed |  |
| 1296 | Waste segregation signage was found missing from waste   | Waste segregation signage to be displayed on the said waste bin.   | Elev 245         | UC        | Mar-18 | MSA                   | HSEQ        | Closed |  |
| 1297 | Wooden boxes were stacked and barricaded properly at t   | Good Practices should always be appreciated  | Elev 245         | GP        | Mar-18 | MSA                   | Maintenance | Closed |  |
| 1298 | Hand trolley was found placed at undesignated area.  | Lifting Equipments should always be placed at designated places  | Elev 245         | UC        | Mar-18 | MSA                   | Maintenance | Closed |  |
| 1299 | Filter cartridge of water filter installed in the plant cafeteria was last changed on Jan 31, 2018 and as per practice it had to be changed on Feb 28, 2018 but till today after laps of almost one week the filter cartridge is not                       | Concerned staff has been told for immediate replacement of subject filter.   | Elev 265         | Near Miss | Mar-18 | Near Miss Report Form | BSS         | Closed |  |
| 1300 | Cooking Oven at Power house kitchen is out of order and  | Need to be replaced with new one.  | Elev 265         | UC        | Mar-18 | D-level               | BSS         | Closed |  |
| 1301 | Come along hand which was found lying the unloading b  | It was moved to site store.  | Elev 251         | UC        | Mar-18 | D-level               | Maintenance | Closed |  |
| 1302 | Monkey ladder installed at unloading fo easy access to over headcrane crane is not fixed properly. It vibrated whilegoing up or down.Moreover the structure of monkey ladder is uniform it becomes narrow while going up                                   | It Should be fixed   | Elev 251         | UC        | Mar-18 | D-level               | LEL         | Closed |  |
| 1303 | During the hot work activity( Use of drill machine ) for the ventilation fan installation, it was observed that no fire extinguisher is available at work site as mentioned in   | Activity was stopped and staff was advised to arrange the fire extinguisher before proceeding with the hot work.   | Elev 259.9       | Near Miss | Mar-18 | Near Miss Report Form | LEL         | Closed |  |
| 1304 | A contractor worker was observed making holes using portable drill machine in a metal plate placed on the floor with very unsafe body posture . All stress was coming on the backbone and there was a potential of serious backache or other muscular pain | Staff was advised to avoid such practices as it could be harmful for his health and instructed to look for other safe and proper method to do the required job safely. | Elev 259.9       | Near Miss | Mar-18 | Near Miss Report Form | LEL         | Closed |  |
| 1305 | During fire fighting at tailrace , it was observed that an en  | Discharge pipe should be changed   | Tail Race        | Near Miss | Mar-18 | Near Miss Report Form | HSEQ        | Closed |  |

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|------|--|---|------------------|----|--------|---------|-------------|--------|-----------|
| 1306 | Antena of one wireless was observed damaged  | Antena to be repaired immediately                         | CCR              | UC | Mar-18 | D-level | Maintenance | Closed |           |
| 1307 | Defeciencies found in HIRARC of PTW 5-1666   | Deficiencies should be addressed                          | Elev 245         | UC | Mar-18 | MSW     | Maintenance | Closed |           |
| 1308 | Defeciencies found in HIRARC of PTW 5-1665   | Deficiencies should be addressed                          | Elev 245         | UC | Mar-18 | MSW     | Maintenance | Closed |           |
| 1309 | PPE,s Compliance was not adequate<br>In PTW There was mentioned of Hazard awareness sign ,<br>but on site there was not any sign displayed | Caution sign should be displayed                          | Elev 245         | UC | Mar-18 | MSW     | Maintenance | Closed |           |
| 1310 | Forklift was not propely barricaded during (Shifting of w  | Area should be properly barricaded                        | Elev 245         | UC | Mar-18 | MSW     | Maintenance | Closed |           |
| 1311 | PPE,s Compliance was not adequate during (220 VDC Bat  | PPE,s Complioance should be 100 %                         | Elev 245         | UC | Mar-18 | MSW     | Maintenance | Closed |           |
| 1312 | Caution Signage was not displayed at site<br>Deficiencies found in HIRRC during Monthly<br>Maintenance of GFCI/GLE                         | Caution sign should be displayed                          | Elev 245         | UC | Mar-18 | MSW     | Maintenance | Closed |           |
| 1313 | An employee was observed working without safety gloves   | PPE,s Complioance should be 100 %                         | Elev 245         | UC | Mar-18 | MSW     | Maintenance | Closed |           |
| 1314 | A contractor worker was observed using drill machine with  | PPE,s Complioance should be 100 %                         | Elev 245         | UA | Mar-18 | MSW     | Maintenance | Closed |           |
| 1315 | A crew member was observed leaning on the guardrail .(U  | Any one should not leaned on guard rail                   | Elev 259.9       | UA | Mar-18 | MSW     | Maintenance | Closed |           |
| 1316 | Two employees were observed without using hand rail on   | Three point contact should always be maintained           | Elev 259.9       | UA | Mar-18 | MSW     | BSS         | Closed |           |
| 1317 | Slipping Hazard was observed at Elev 227 due to leakage of   | Housekeeping should always be maintained                  | Elev 227         | UC | Mar-18 | MSW     | BSS         | Closed |           |
| 1318 | Poor housekeeping was observed inside the fire fighting r  | Housekeeping should always be maintained                  | Elev 270         | UC | Mar-18 | MSW     | BSS         | Closed |           |
| 1319 | Poor housekeeping was observed inside the kitchen  | Housekeeping should always be maintained                  | Elev 265         | UC | Mar-18 | MSW     | BSS         | Closed |           |
| 1320 | Poor housekeeping was observed at the desk of IT Execut  | Housekeeping should always be maintained                  | Elev 261         | UC | Mar-18 | MSW     | BSS         | Closed |           |
| 1321 | Tripping Hazard was observed at Elev 245   | Tripping Should be removed                                | Elev 245         | UC | Mar-18 | MSW     | Maintenance | Closed |           |
| 1322 | Two Janitorial staff members were observed working with  | PPE,s Complioance should be 100 %                         | Elev 255         | UC | Mar-18 | MSW     | BSS         | Closed |           |
| 1323 | Two Employees were observed working without safety gla   | PPE,s Complioance should be 100 %                         | Elev 245         | UC | Mar-18 | MSW     | BSS         | Closed |           |
| 1324 | 2 Items ( Scissor &Surgical gloves )were observed missing  | First Aid box contents to be updated                      | EL 265           | UC | Apr-18 | MSA     | HSEQ        | Closed | May-18    |
| 1325 | General housekeeping inside First Aid Medicine cupboard  | Regular cleaining to be pefromed                          | First Aid center | UC | Apr-18 | MSA     | HSEQ        | Closed | immediate |
| 1326 | Emergency contact numbers list was missing from the CC   | Emergency contacts need updations                         | First Aid center | UC | Apr-18 | MSA     | HSEQ        | Closed | immediate |
| 1327 | It was observed that safety shoes and helmet were stored   | No stuff other than first aid kit material should be stor | First Aid center | UC | Apr-18 | MSA     | HSEQ        | Closed | immediate |
| 1328 | First Aid center has only one bed sheet for the stretcher  | Extra bed sheets  | First Aid center | UC | Apr-18 | MSA     | HSEQ        | Closed | immediate |
| 1329 | A Box with few expired medicines was found in the cupbo  | Expired medicine need disposal                            | First Aid center | UC | Apr-18 | MSA     | HSEQ        | Closed | immediate |
| 1330 | Two chairs found broken in the First Aid Center <b>Damage</b>  | Chairs need replacement                                   | First Aid center | UC | Apr-18 | MSA     | HSEQ        | Closed | immediate |
| 1331 | Electric teapot found in the cafeteria left plug in after use. This would have caused heat   | Cafeteria   |                  | UC | Apr-18 | MSA     | Admin       | Closed | immediate |

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|------|--|---|--------------|----|--------|-----|--------------------|--------|-----------|
| 1332 | A Plastic sheet in plant kitchen observed damaged and di   | Plastic sheet to be replaced  | Cafeteria    | UC | Apr-18 | MSA | Admin              | Closed | immediate |
| 1333 | Plant kitchen wash basin was observed not cleaned proper   | It needs proper cleaning after use.   | Cafeteria    | UC | Apr-18 | MSA | Admin              | Closed | May-18    |
| 1334 | Inside battery room , after reloaction of old battery banks their identification name plates were not moved accordingly to the new loactions which is creating ambiguity , similarly dedicated name plate for newly installed battery bank is also not available | Dedicated name plates to be arranged  | Battery Room | UC | May-18 | MSA | Operations         | Closed | 43221     |
| 1335 | A key cabinet observed in the CCTV room with keys inside without any identification and no procedure is in place for issuance and receipt of keys.   | Procedure to be arranged for keys identification  | CCTV Room    | UC | May-18 | MSA | Admin              | Closed | 43221     |
| 1336 | A door lock found damaged at EL 265.   | Door lock to be repaired  | EL 265       | UC | May-18 | MSA | Civil              | Closed | 43221     |
| 1337 | Company logo on some HSE caution and awareness signs installed inside/outside elevators need updation.   | Required documents should be updated.   | Elevators    | UC | May-18 | MSA | HSEQ               | Closed | 43221     |
| 1338 | Curtains of Masjid window was observed damaged at Elev 265.  | It should be replaced /rectified  | EL 265       | UC | May-18 | MSA | Admin              | Closed | 43269     |
| 1339 | Accumulation of water has been observed in Fire Fighting room which is creating slipping hazard  | Proper housekeeping should be maintained  | EL 270       | UC | May-18 | MSA | Operation          | Closed | immediate |
| 1340 | 2 Items ( Scissor & Surgical gloves )were observed missing in first aid box at Elev 270.   | All necessary medical equipments that are mentioned in first aid box list should be available | EL 270       | UC | May-18 | MSA | HSEQ               | Closed | immediate |
| 1341 | Some Boxes were observed stored at unloading bay without proper barricade & temporary storage signage  | Storage area should be properly barricaded & signage should be displayed                      | EL 270       | UC | May-18 | MSA | Support Services   | Closed | immediate |
| 1342 | Forklift was observed parked at unloading bay but barricade & signage was not displayed  | Storage area should be properly barricaded & signage should be displayed                      | EL 251       | UC | May-18 | MSA | Mechanical & Civil | Closed | immediate |
| 1343 | Trash bag was observed placed at unloading bay near dust bins  | It should be immediately removed  | EL 251       | UC | May-18 | MSA | Admin              | Closed | immediate |
| 1344 | A fire extinguisher observed depressurized at Elev 245.  | Depressurized extinguisher should be replaced with filled .                                   | EL 245       | UC | May-18 | MSA | Operations         | Closed | immediate |
| 1345 | Un necessary Electric cables observed at Elev 251 (front of GIS) creating tripping & electrical hazard .   | It Should be removed immediately .  | EL 251       | UC | 43191  | MSA | Admin              | Closed | immediate |
| 1346 | A Plastic sheet in kitchen observed damaged  | It should be changed or plywood sheet should be installed .                                   | EL 265       | UC | 43191  | MSA | Admin              | Closed | immediate |
| 1347 | A dust bin was observed overfilled & lid was open .  | It needs disposal immediately   | EL 265       | UC | May-18 | MSA | Admin              | Closed | immediate |
| 1348 | A hanging light was observed out of order inside the battery room .  | It should be rectified  | EL 265       | UC | May-18 | MSA | Electrical         | Closed | immediate |
| 1349 | Left side stair case of Power Complex at EL. 233, a tube light was found out of order  | It should be rectified  | EL 233       | UC | May-18 | MSA | Electrical         | Closed | immediate |



|      |  |  |                  |    |        |     |                    |        |           |
|------|--|--|------------------|----|--------|-----|--------------------|--------|-----------|
| 1350 | Left side stair case of Power Complex at EL. 233, a tube light was found dislodged which may lead to falling and electrocution hazard. | Proper fixation of tube light should be ensured to avoid any fall or electrocution hazard.     | EL 233           | UC | May-18 | MSA | Electrical         | Closed | immediate |
| 1351 | Caution poster was missing (to restrict the entry in transformer deck ) at left side entrance of transformer deck.                     | Caution signage should be displayed  | EL 233           | UC | May-18 | MSA | Operation          | Closed | immediate |
| 1352 | An HSE Poster was observed placed at floor near transformer deck .   | It should be pasted at relevant location   | EL 233           | UC | May-18 | MSA | HSEQ               | Closed | immediate |
| 1353 | Cobwebs were observed inside of the fire hose reel cabinet.  | Proper Cleaning is required  | EL 233           | UC | May-18 | MSA | Admin              | Closed | immediate |
| 1354 | Upto Mark housekeeping observed in warehouse .   | Good practices should always be appreciated  | EL 233           | UC | May-18 | MSA | Support Services   | Closed | immediate |
| 1355 | Water spill was observed on workshop floor from the water dispenser which can cause slip hazard  | Proper cleaning to be performed to avoid slip hazard   | Workshop         | UC | May-18 | MSA | Mechanical & Civil | Closed | immediate |
| 1356 | Improper storage of material was observed under the workstation of IT intern   | Proper housekeeping to be performed  | AdminFloor       | UC | May-18 | MSA | Support Services   | Closed | immediate |
| 1357 | Improper storage of insect killers was observed in the book shelves behind procurement executive sitting                               | Proper storage to be performed   | AdminFloor       | UC | May-18 | MSA | Support Services   | Closed | immediate |
| 1358 | A type ladder was stored at designated area  |  |                  | UC | May-18 | MSA |                    | Closed | immediate |
| 1359 | Unloading bay was highlighted as red zone in the plant zone classification chart, whereas, in actual unloading bay is green zone area  | Need review  |                  | UC | May-18 | MSA |                    | Closed | immediate |
| 1360 | Medicine tray cover in the medical room was found placed at patient bed  | Proper storage to be performed   | First Aid center | UC | May-18 | MSA | HSEQ               | Closed | immediate |
| 1361 | Cushioning of chair inside the medical room was found damaged  | Need repair or replacement   | First Aid center | UC | May-18 | MSA | Admin              | Closed | immediate |
| 1362 | Chair inside the medical room was found broken   | Need repair or replacement   | First Aid center | UC | May-18 | MSA | Admin              | Closed | immediate |
| 1363 | Visitor's room water discharge pipe was found damaged<br><b>Pipe to be replaced to avoid water spill</b>                               | Need repair or replacement   | Visitor room     | UC | May-18 | MSA | Admin              | Closed | immediate |
| 1364 | Bricks crush found at different location and not properly barricaded.  | All brick crush at construction site in colony Should be at one place and properly barricaded. | Colony           | UC | May-18 | MSA | Civil Contractor   | Closed | immediate |
| 1365 | A DCP Cylinder at construction site is not inspected.  | All emergency equipments should inspected periodically.  | Colony           | UC | May-18 | MSA | Civil Contractor   | Closed | immediate |
| 1366 | An electrical cable conduit is lying on ground and found damaged.  | It should be underground.  | Colony           | UC | May-18 | MSA | Civil Contractor   | Closed | immediate |
| 1367 | Small stones are present on ground around last step of ladder which may cause falling  | Stones should be removed from last step of ladder.   | Colony           | UC | May-18 | MSA | Civil Contractor   | Closed | immediate |
| 1368 | There is no barrication on roof of newly constructed villa.  | It should be properly barricaded.  | Colony           | UC | May-18 | MSA | Civil Contractor   | Closed | immediate |

|      |  |  |                |    |        |         |                  |        |                       |
|------|--|--|----------------|----|--------|---------|------------------|--------|-----------------------|
| 1369 | Proper sagrigation of metal from wood is needed in storage area of construction site   |  | Colony         | UC | May-18 | MSA     | Civil Contractor | Closed | immediate             |
| 1370 | There is no marking of passage for vehical to the parking area at construction site.   | Proper marking of passage needed.  | Colony         | UC | May-18 | MSA     | Civil Contractor | Closed | immediate             |
| 1371 | Lock of Internet server panel door at EL: 265 masl. found out of order and the door of internet server was also open.                          | Lock should be rectify immediately and door of server should be closed all the time. | EL 265         | UC | May-18 | MSA     | Support Services | Closed | immediate             |
| 1372 | Internet Cables near the internet server panel are not properly conduited.   | Should be conduited properly.  | EL 265         | UC | May-18 | MSA     | Support Services | Closed | immediate             |
| 1373 | Two tube lights in CCTV room found out of order.   | Should be replaced with new tube lights.   | CCTV Room      | UC | May-18 | MSA     | Admin            | Closed | immediate             |
| 1374 | A Labourer was asked about the emergency sirens and assembly points and he knew about Emergency sirens and assembly points.                    |  |                |    |        |         |                  |        |                       |
| 1375 | A labourer was asked about the three point contact while using ladder and he knew about that.  |  |                |    |        |         |                  |        |                       |
| 1376 | A driver explain about the reverse parking of the vehicals.  |  |                |    |        |         |                  |        |                       |
| 1377 | Updated AP CP list is not available in CCR   |  | CCR            | UC | May-18 | MSA     | operation        | Closed | immediate             |
| 1378 | During triping and black out emergency light at stairs near elvation 261 not working   |  | Stair case     | UC | May-18 | MSA     | Electrical       | Closed | immediate             |
| 1379 | Cabinets in the kitchen are about to fall and they may injure the working personal .   |  | Kitchen        | UC | May-18 | MSA     | Admin            | Closed | 43252                 |
| 1380 | Light in the pump room is not working  |  | FF Room        | UC | May-18 | MSA     | Operation        | Closed | immediate             |
| 1381 | Cables are not properly routed/ secured for maximo server  |  | Server room    | UC | May-18 | MSA     | IT               | Closed | immediate             |
| 1382 | Panel lock is out of order in FF Pump room   |  | FF Room        | UC | 43221  | MSA     | Operation        |        | immediate             |
| 1383 | Oxygen cylinder in first Aid room needs refilling  |  | First Aid Room | UC | May-18 | MSA     | HSE              | Closed | immediate             |
| 1384 | LOTO is properly implemneted in GIS  |  | GIS            | GP | May-18 | MSA     | Operation        | Closed | immediate             |
| 1385 | Oil leakage was obseved from the supply line of daily oil tank.It was safety critical equipment. Rectification                                 |  | EL 245         | UC | May-18 | D Level | Operation        | Closed | immediate             |
| 1386 | Stop log trolly has been rectified and stop log shifted to storage area  |  | Stop log area  | UC | May-18 | D Level | Mechanical       | Closed | immediate             |
| 1387 | There must be proper fencing round the NGH so that locals can't throw garbage along the way to NGH sensor to avoid any damage to the equipment |  | NGH            | UC | May-18 | D Level | C&I              | Closed | immediate             |
| 1388 | Wild growth and vegetation observed near outer units of AC. Proper cleanliness is require at area to avoid any damage to the equipment         |  | Stop log area  | UC | May-18 | D Level | Admin            | Closed | immediate             |
| 1389 | Durig rectification work of RTU,its difficult to lift cylinders through rope. It is proposed to install either prper chain pulley or tripod.   |  | EL 271         | UC | May-18 | D Level | Electrical       | Closed | immediate             |
| 1390 | HIRARC should be made by the concernec section which should be endorsed by HSE before start of any corrective                                  |  |                | UC | May-18 | D Level | HSE              | Closed | immediate             |
| 1391 | Proper Dusting and House Keeping should be maintained at admin floor.  |  | Admin office   | UC | May-18 | D Level | Admin            | Closed | immediate             |
| 1392 | Majority of Walkie talkies of operations staff are out of order,needs to be replaced on urgent basis.  |  |                | UC | May-18 | D Level | Operation        | Closed | Working is inprogress |
| 1393 | Communication room AC has been rectified by the concerened section   |  | CCR            | UC | May-18 | D Level | Electrical       | Closed | immediate             |
| 1394 | Medicines in first aid room are not being replenshed on regular basis which is nessessary in emergency.  |  | First Aid Room | UC | May-18 | D Level | HSE              | Closed | immediate             |
| 1395 | Retrieving data. Wait a few seconds and try to cut or copy again.  |  |                | UC | 43221  | D Level |                  |        | immediate             |

|      |  |        |                    |    |        |         |            |        |             |
|------|--|--------|--------------------|----|--------|---------|------------|--------|-------------|
| 1396 | " Electric supply switches of kitchen at elevation 265masl found out of order."  |        | Kitchen            | UC | May-18 | D Level | Electrical | Closed | immediate   |
| 1397 | Kitchen wall need to be painted again, as the paint is torn of from different locations  |        | Kitchen            | UC | May-18 | D Level | Admin      | Closed | 43269       |
| 1398 | At wireless water level sensor # 1 which is installed at Mangla Power Plant, there is no safe access to ultrasonic sensor because there is just a plank on which one can only stand. Proper platform must be installed to avoid any fall or drowning hazard. |        | Mangla Power Plant | UC | May-18 | D Level | C&I        | Closed | immediate   |
| 1399 | Employees face difficulty when they go for dinner at night because there is issue of illuminance outside their residence   |        | Colony             | UC | May-18 | D Level | Admin      | Closed | immediate   |
| 1400 | Emergency Roller shutter gate of combustible area is needed to be repaired.  |        | Warehouse          | UC | May-18 | D Level | Mechanical | Closed | immediate   |
| 1401 | Air conditioner drain water was observed on the wall of Zia & Sons workers mess  |        | Main Kitchen       | UC | May-18 | MSA     | Admin      | Closed | immediate   |
| 1402 | Light inside the workers mess was not fixed properly and was hanging   |        | Main Kitchen       | UC | May-18 | MSA     | Admin      | Closed | immediate   |
| 1403 | Switch of electric supply board for air conditioner found damaged  |        | Main Kitchen       | UC | May-18 | MSA     | Admin      | Closed | immediate   |
| 1404 | Exhaust fan of worker's mess kitchen found faulty  |        | Main Kitchen       | UC | May-18 | MSA     | Admin      | Closed | immediate   |
| 1405 | Cabinets of the kitchen sink area found damaged  |        | Main Kitchen       | UC | May-18 | MSA     | Admin      | Closed | immediate   |
| 1406 | Improper storage of vegetables was observed  |        | Main Kitchen       | UC | May-18 | MSA     | Admin      | Closed | immediate   |
| 1407 | Improper housekeeping was observed in the dish washing area of the worker's mess   |        | Main Kitchen       | UC | May-18 | MSA     | Admin      | Closed | immediate   |
| 1408 | Drain near sink of worker's mess was found open. The drain cover was missing.  |        | Main Kitchen       | UC | May-18 | MSA     | Admin      | Closed | immediate   |
| 1409 | A scissor was missing in the first aid box   |        | EL 245             | UC | May-18 | MSA     | HSE        | Closed | immediate   |
| 1410 | A barricading tape was installed without   |        | EL 245             | UC | May-18 | MSA     | Electrical | Closed | immediate   |
| 1411 | A door lock of emergency exit was not working  |        | EL 265             | UC | May-18 | MSA     | Mechanical | Closed | May 30,2018 |
| 1412 | Some protruded nails were observed in the shoes rack at EL 265   |        | EL 265             | UC | May-18 | MSA     | Mechanical | Closed | immediate   |
| 1413 | Caution signe put on floor at EL 265 found torn  |        | EL 265             | UC | May-18 | MSA     | HSE        | Closed | immediate   |
| 1414 | An electric socket in kitchen found damage need repair   | EL 265 |                    | UC | 43221  | MSA     | Electrical |        | immediate   |
| 1415 | Safety critical list displayed at ccr notice board need updation   |        | EL 265             | UC | May-18 | MSA     | HSE        | Closed | May 31,2018 |
| 1416 | Emergency contact numbers list does not include security manager and officer contact details   |        | EL 265             | UC | May-18 | MSA     | HSE        | Closed | immediate   |
| 1417 | Water dripping found from kitchen tap  |        | Kitchen            | UC | May-18 | MSA     | Admin      | Closed | immediate   |
| 1418 | Water observed on kitchen floor creating slip hazard   |        | Kitchen            | UC | May-18 | MSA     | Admin      | Closed | 43252       |
| 1419 | Kitchen cabinets found in very detoriated conditions need repair   |        | Kitchen            | UC | May-18 | MSA     | Admin      | Closed | immediate   |
| 1420 | Key Safe system cabinet drawer found stuck   |        | EL 265             | UC | May-18 | MSA     | Operation  | Closed | immediate   |

|      |   |  |               |    |        |     |            |        |               |
|------|---|--|---------------|----|--------|-----|------------|--------|---------------|
| 1421 | Irrelevant stuff found inside the key safe system cabinet need to be removed  |  | EL 265        | UC | May-18 | MSA | Operation  | Closed | immediate     |
| 1422 | Some keys found inside the drawers without proper identification  |  | EL 265        | UC | May-18 | MSA | Operation  | Closed | May 301, 2018 |
| 1423 | PTW 5-2073 was checked and found in compliance to the requirements like PPEs  |  | GIS           | UC | May-18 | MSA | Operation  | Closed | immediate     |
| 1424 | LOTO system was found well followed and complied during 132kv breakers maintenance work at GI and understanding of the staff was found ok                                 |  | GIS           | UC | May-18 | MSA | Operation  | Closed | immediate     |
| 1425 | A broken glass was found in unloading bay area  |  | Unloading Bay | UC | May-18 | MSA | Admin      | Closed | immediate     |
| 1426 | A dust bin was found over filled in the machine hall  |  | Machine Hall  | UC | May-18 | MSA | Admin      | Closed | immediate     |
| 1427 | A fire extinguisher observed not inspected at HVAC room EL 245  |  | HVAC Room     | UC | May-18 | MSA | HSE        | Closed | immediate     |
| 1428 | A refrigerant cylinder was found stored at non designated place EL 265  |  | EL 265        | UC | May-18 | MSA | Electrical | Closed | immediate     |
| 1429 | Some irrelevant things like mobile phones were observed stored inside the First Aid Cabinet at security gate  |  | Security Room | UC | May-18 | MSA | Security   | Closed | immediate     |
| 1430 | Cleanliness of security staff toilet is found not upto the mark   |  | Security Room | UC | May-18 | MSA | Security   | Closed | immediate     |
| 1431 | Rain water drain behind parking found choked with sand and trash  |  | Parking Area  | UC | May-18 | MSA | Admin      | Closed | immediate     |
| 1432 | Potable Emergency Siren/ PA system was checked and found ok   |  | Security Room | UC | May-18 | MSA | Security   | Closed | immediate     |
| 1433 | Janitorial Staff was observed working in the Machine Hall with compliance to the PPEs and Slip/Trip hazard sign was displayed   |  | Machine Hall  | UC | May-18 | MSA | Admin      | Closed | immediate     |
| 1434 | Electrical Team was observed working with all necessary precautions in place as per PTWs  |  | Machine Hall  | UC | May-18 | MSA | Electrical | Closed | immediate     |
| 1435 | Fire extinguisher need to be provided in ZIA Sons Residence   |  |               |    |        |     |            |        |               |
| 1436 | Although, trash was placed at one place and barricading was done  |  | Unloading Bay | UC | May-18 | MSA | Admin      | Closed | immediate     |
| 1437 | At intake side, one of the pins of the safety railing was not properly inserted in the pipe and locking pin was not inserted. It has serious falling and drowning hazard. |  | Intake Area   | UC | May-18 | MSA | Operation  | Closed | immediate     |
| 1438 | Irritating sound was observed from exhaust fan installed at assembly area near transformer deck. It can cause serious damage to our hearing.                              |  | Intake Area   | UC | May-18 | MSA | Operation  | Closed | immediate     |
| 1439 | Garbage was placed in shopping bags at unloading bay causing poor housekeeping.   |  | Unloading Bay | UC | May-18 | MSA | Admin      | Closed | immediate     |
| 1440 | Electrical panel at unloading panel was found open causing serious electrical hazard.   |  | Unloading Bay | UC | May-18 | MSA | Operation  | Closed | immediate     |
| 1441 | At elevation 227, water seepage was observed near electric light which can cause short circuit.   |  | EL 227        | UC | May-18 | MSA | Electrical | Closed | immediate     |

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| 1442 | In warehouse office, there is no fire extinguisher installed neither inside nor outside the office, that would be dangerous in case of fire. |   | Warehouse      | UC | May-18 | MSA | BSS       | Closed | immediate |
| 1443 | Drain line cover in pit of unit # 3 found opened allowing any reptiles to enter producing serious bio hazard at elevation 227                |   | EL 227         | UC | May-18 | MSA | Operation | Closed | immediate |
| 1444 | At elevation 227, between unit 2 and 3 a steel piece with anchored nuts is present on the floor causing trip hazard.                         |   | EL 227         | UC | May-18 | MSA | Operation | Closed | Jnue 2018 |
| 1445 | Water with sand was observed on floor in front of unit # 3 causing serious slip hazard.  |   | EL 227         | UC | May-18 | MSA | Operation | Closed | immediate |
| 1446 | Door of electrical room no.3 was found opened which had a serious potential hazard to fail in case of fire prevention                        |   | Machine Hall   | UC | May-18 | MSA | Operation | Closed | immediate |
| 1447 | At NBE gates control room, cable trench has gaps which are causing bio hazard.   |   | NBE Gates      | UC | May-18 | MSA | Operation | Closed | immediate |
| 1448 | In colony where construction is taking place, things are temporarily stored in the pathways causing obstructions                             |   | Colony         | UC | May-18 | MSA | Admin     | Closed | immediate |
| 1449 | Electrical extension lead was found unattended in the entrance of construction area causing serious trip hazard.                             |   | Colony         | UC | May-18 | MSA | Admin     | Closed | immediate |
| 1450 | At NBE gate # 2, chain was found open which is producing serious falling & drowning hazard.  |   | NBE Gates      | UC | May-18 | MSA | Operation | Closed | immediate |
| 1451 | At NBE gates control room waste materials are dumped outside the washroom  |   | NBE Gates      | UC | May-18 | MSA | Operation | Closed | immediate |
| 1452 | Cigarette tray stand was observed placed at non designated place .   | There should be designated place for cigarette .        |                | UC | Jun-18 | MSA | HSE       | CLOSED |           |
| 1453 | Web cobs & bird nest were observed inside transformer Fan .  | Should be removed                                       | El. 259        | UC | Jun-18 | MSA | Admin     | CLOSED |           |
| 1454 | Poor Housekeeping was observed near intake area .  | Adequate housekeeping should be ensured                 | Intake El. 251 | UC | Jun-18 | MSA | Operation | CLOSED |           |
| 1455 | A piece of cloth was observed at Transformer Deck .  | Adequate housekeeping should be ensured                 | El. 259        | UC | Jun-18 | MSA | Operation | CLOSED |           |
| 1456 | An Employee was observed not following the three point contact on stairs. .  | Three point contact should be followed on stairs        | Stair Well     | UC | Jun-18 | MSA | Operation | CLOSED |           |
| 1457 | Lizard was observed in Kitchen.  | Fumigation should be done                               | El. 265        | UC | Jun-18 | MSA | Admin     | CLOSED |           |
| 1458 | Water filter in kitchen is completely dirty, should be changed immediately.  | Kitchen Staff advised not to use water from the filter. | El. 270        | UC | Jun-18 | MSA | Admin     | CLOSED |           |
| 1459 | Wild growths at Elevation 270, wild growth spread can effect the equipment and damage the concrete roof.                                     | should be removed.                                      |                | UC | Jun-18 | MSA | Operation | CLOSED |           |

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| 1460 | Elevator room exhaust fan ( wall ) paint is badly effected, could fall off turn into dust and effect the working party in the area.                           | Shouls be rectified  | El. 271 | UC | Jun-18 | MSA | Operation        | CLOSED |           |
| 1461 | grease /oil dripped from crane is slip /trip hazard,  | Duty staff should engage cleaning staff for timely clearance to avoid any injury.  | El. 245 | UC | Jun-18 | MSA | Operation        | CLOSED |           |
| 1462 | BO /JBO sitting area (LCU-5 Room) wooden sheet on cable trays, could fall and cause serious injury.   | Should be removed  | El. 245 | UC | Jun-18 | MSA | Operation        | CLOSED |           |
| 1463 | Boxes are placed at unloading Bay,  | Management should advise the future of boxes at unloading bay should be removed  | El. 251 | UC | Jun-18 | MSA | BSS              | CLOSED |           |
| 1464 | Temperauture gauge of pipe in HVAC room is not showing the correct readings.  | Should be calibrated by concerned Section.   | El. 245 | UC | Jun-18 | MSA | Electrical/C&I   | CLOSED |           |
| 1465 | Working of DWS being Checked in Electrical Room 1   | In good working condition.   | El. 245 | UC | Jun-18 | MSA | Electrical/C&I   | CLOSED |           |
| 1466 | Safety Sign Posters are been detached i.e cut loosed from Sign board  | Fixed properly with the help of JBO.   | El. 245 | UC | Jun-18 | MSA | HSE              | CLOSED |           |
| 1467 | Insect Killers are out of order and been placed on shelf in Admin Office from past few Months.  | Should be either fixed or moved to evacuate space for other things by administration   | El. 261 | UC | Jun-18 | MSA | Admin            | CLOSED |           |
| 1468 | On Elevation 245 lights of access shaft of Unit 4 & 2 are not working properly.   | Lights Should be replaced by Electrical Section.   | El. 245 | UC | Jun-18 | MSA | Electrical/C&I   | CLOSED |           |
| 1469 | Most of the lights at unloading bay and machine hall are out of order.  | Scissor lift has arrived at site , non functional lights should be replaced by Concerned Section.  | El. 245 | UC | Jun-18 | MSA | Electrical/C&I   | CLOSED |           |
| 1470 | An Error in Fire Inspection Record was Observed.  | Date needs to be corrected to avoid any inconvenience  | El. 245 | UC | Jul-18 | MSA | HSE              | CLOSED |           |
| 1471 | In GIS room, chair was placed between the SF6 gas compartments can cause damage to the critical system. Although, it was removed immediately after reporting. | Things must not be stored in GIS room, as this is very critical place and can cause serious damage to equipment and system. Proper housekeeping must be ensured after completion of job. | El.251  | UC | Jul-18 | MSA | Electrical/C&I   | CLOSED |           |
| 1472 | Door closer to be installed on both doors leading to elevation 227masl in front of Unit # 4 and Unit # 1 at machine hall.                                     | Efficiency of both installed exhaust fans will be affected if doors remain open and ultimately cause serious humidity issue at 227.  | El. 245 | UC | Jul-18 | MSA | Mechanical/Civil | CLOSED |           |
| 1473 | Openings are observed under the shutter of air compressor room producing serious bio hazard.  | Floor ceiling must be installed under the shutter to protect equipment's or cables from bio hazard.  | El. 245 | UC | Jul-18 | MSA | Mechanical/Civil | CLOSED | 30/7/2018 |
| 1474 | Oil spillage was found in the gallery of unit # 1 & 4 at El.227. which can cause trip hazard.   | Issue must be resolved and housekeeping to be ensured to avoid any slip/trip hazard.   | El. 227 | UC | Jul-18 | MSA | Operation        | CLOSED | 30/7/2018 |
| 1475 | Moisture was observed at tube light and near Piston accumulator for hydraulic links of Unit # 1   | Proper housekeeping should be ensured for safe operation and to avoid any short circuiting at El.227.  | El. 227 | UC | Jul-18 | MSA | Electrical/C&I   | CLOSED | 30/7/2018 |
| 1476 | AC outer unit found unattended at the assembly area near draft tube crane.  | Equipment must be stored properly to avoid any damage to it.   | El. 259 | UC | Jul-18 | MSA | Electrical/C&I   | CLOSED | 30/7/2018 |
| 1477 | Housekeeping issue was observed at the staircase towards El.227.  | Housekeeping must be ensured to avoid any slip hazard at the stairs.   | El. 227 | UC | Jul-18 | MSA | Operation        | CLOSED |           |
| 1478 | Guard of one of the cooling water pumps of unit # 1 was found missing which can cause serious injury hazard in case of any failure of rotating parts.         | Guard plate should be installed to avoid serious injury issue.   | El. 245 | UC | Jul-18 | MSA | Mechanical/Civil | CLOSED | 30/7/2018 |
| 1479 | As there is serious falling and drowning hazard near downstream retaining wall of tailrace channel.   | Proper barricading must be done for caution to avoid any fall/drowning hazard.   | El. 259 | UC | Jul-18 | MSA | Mechanical/Civil | CLOSED | 30/7/2018 |
| 1480 | Cigratte tray stand was observed placed at non designated place .   | There should be designated place for cigarette .   | El. 255 | UC | Jul-18 | MSA | HSE              | CLOSED |           |
| 1481 | Chairs are been found inside Stoplog Gates.   | Should be moved and placed in store.   | El. 259 | UC | Jul-18 | MSA | Operation        | CLOSED | 30/7/2018 |
| 1482 | At Ele.261 Heaps of grass found in way of Assembly Area at Stoplog.   | Should be disposed off to clear the Assembly Point Area.   | EL. 261 | UC | Jul-18 | MSA | Admin            | CLOSED | 30/7/2018 |

|      |   |  |         |    |        |     |                  |        |           |
|------|---|--|---------|----|--------|-----|------------------|--------|-----------|
| 1483 | At Ele.261 Hose Reel Panel is found full of mud & other stuff at Stoplog.   | HouseKeeping is required.  | EL. 261 | UC | Jul-18 | MSA | HSE              | CLOSED | 30/7/2018 |
| 1484 | At Ele.255 Rooftop is been misplaced from its position in CCTV Security Room.   | Should be aligned to its position.   | El. 255 | UC | Jul-18 | MSA | Electrical/C&I   | CLOSED | 30/7/2018 |
| 1485 | At Ele.265 replaced draws were found in kitchen with filth.   | Draws should be moved to relevant place by admin.  | El. 265 | UC | Jul-18 | MSA | Mechanical/Civil | CLOSED | 30/7/2018 |
| 1486 | At Ele. The Lock of door to Transformer Grid was found broken.  | Needs to be replaced at earliest by relevant Dept.   | El. 259 | UC | Jul-18 | MSA | Mechanical/Civil | CLOSED | 30/7/2018 |
| 1487 | At Ele.265 The drain pipe Ac of Communication Room needs to be extended as water is dripping on Camera.   | Needs to be extended by Electrical Section.  | El. 265 | UC | Jul-18 | MSA | Electrical/C&I   | CLOSED | 30/7/2018 |
| 1488 | At Ele.265 The trolley in the kitchen was found broken and causing problem for the office boys to move eatables to different Elevations.                                      | Glass needs to be implanted to make trolley operational by admin   | El. 265 | UC | Jul-18 | MSA | Admin            | CLOSED | 30/7/2018 |
| 1489 | At LEL site office the fire alarm system was found out of order.  | Need to be rectified by C&I Section.   | LEL SO  | UC | Jul-18 | MSA | Electrical/C&I   | CLOSED | 30/7/2018 |
| 1490 | At Ele. 265 The Fire extinguisher was properly sealed & inspected.  | Good Practice  | El. 265 | UC | Jul-18 | MSA | HSE              | CLOSED |           |
| 1491 | Barricading tape pieces found tied with the safety railing at unloading Bay.  | Should be removed by relevant sections. when work is completed. Operation must ensure before closing the permit  | El. 251 | UC | Jul-18 | MSA | Operation        | CLOSED |           |
| 1492 | A dust bin found without lid @ EL: 251.   | Proper lid should be placed on dust bin.   | El. 251 | UC | Jul-18 | MSA | Admin            | CLOSED | 30/7/2018 |
| 1493 | Drain line at unloading bay is not covered.   | Drain should be covered with proper grating.   | El. 251 | UC | Jul-18 | MSA | Operation        | CLOSED |           |
| 1494 | Electricity wire of lights for unloading bay is not properly route.   | Wire should be properly routed   | El. 251 | UC | Jul-18 | MSA | Electrical/C&I   | CLOSED | 30/7/2018 |
| 1495 | A sign on unloading bay found with TNBRP Logo.  | TNBRP logo should be replaced with HUBCO Logo.   | El. 251 | UC | Jul-18 | MSA | Admin            | CLOSED |           |
| 1496 | Bottom rubber of fire shutter in front of Compressor room found damaged.  | Rubber should be replaced with the new one.  | El. 245 | UC | Jul-18 | MSA | Mechanical/Civil | CLOSED | 30/7/2018 |
| 1497 | An electrical panel in Electrical room #1 has opening at bottom.  | There should be proper taping at bottom.   | El. 245 | UC | Jul-18 | MSA | Electrical/C&I   | CLOSED | 30/7/2018 |
| 1498 | All isolations against the PTW on Battery Charger # 3 were checked and found inline with PTW's Isolation Certificate.   | Observation was made to add the signature of SSCE and BO at the end of isolation Check Sheet.                    | El. 245 | UC | Jul-18 | MSA | Operation        | CLOSED |           |
| 1499 | Fire Exit Sign @ EL:245 was detached from the wall.   | Sign was attached again with wall  | El. 245 | UC | Jul-18 | MSA | HSE              | CLOSED |           |
| 1500 | Some breakers name on 0.4 KV distribution panel were written on masking tape.   | Breakers should have proper tagging.   | El. 245 | UC | Jul-18 | MSA | Operation        | CLOSED |           |
| 1501 | Testing of fire shutter in Warehouse is suggested.  | Testing will be carried out by relevant section.   | El. 245 | UC | Jul-18 | MSA | Electrical/C&I   | CLOSED | 30/7/2018 |
| 1502 | Safety railing pipes for hatch covers of elevation 245 has been placed at erection bay.   | Needs to be shifted to proper place.   | El. 245 | UC | Jul-18 | DLC | Operation        | CLOSED | 30/7/2018 |
| 1503 | Lights in machine hall are out of order, difficult to work on over head crane tracks.   | Lighting Should be rectified   | El. 245 | UC | Jul-18 | DLC | Electrical/C&I   | CLOSED | 30/7/2018 |
| 1504 | Gate No 3, Gate No 4, Emergency Lights need to be repaired  | Emergency Lights need to be repaired   | Gates   | UC | Jul-18 | DLC | Electrical/C&I   | CLOSED | 30/7/2018 |
| 1505 | First aid box placed at machine hall at elevation 245m has broken handle  | needs to be repaired or replaced.  | El. 245 | UC | Jul-18 | DLC | Mechanical/Civil | CLOSED | 30/7/2018 |
| 1506 | The tagging of firefighting room AC and elevator room AC breakers installed at MCC room are interchanged with each other which causes confusion while operating the breakers. | The individual breakers should be tagged properly as per actual connection to avoid confusion and mis-operation. | El. 245 | UC | Jul-18 | DLC | Operation        | CLOSED | 30/7/2018 |
| 1507 | Lights in turbine housing of unit #4 and generator bulb nose of unit #1 are out of order due to which operation team is facing difficulty in their routine inspection.        | Should be rectified.   | El. 245 | UC | Jul-18 | DLC | Mechanical/Civil | CLOSED |           |
| 1508 | Lights in turbine housing of unit # 2 is out of order   | Should be rectified.   | El. 246 | UC | Jul-18 | DLC | Electrical/C&I   | CLOSED | 30/7/2018 |

|      |   |  |                |    |        |     |                  |        |           |
|------|---|--|----------------|----|--------|-----|------------------|--------|-----------|
| 1509 | Telecommunication room blind is detached from its railing due to which direct sunlight/heat is coming inside the room and causing temperature raise.                      | It needs to be rectified on priority basis.  | El. 265        | UC | Jul-18 | DLC | Admin            | CLOSED | 30/7/2018 |
| 1510 | No fall protection is provided and no point to anchor the safety harness anchoring  | Overhead crane 30 T track. Safety railing and some support should be provided along the crane track to anchor the safety harness has been discussed with DLC team members. |                | UC | Jul-18 | DLC | Mechanical/Civil | CLOSED | 30/7/2018 |
| 1511 | Temperature guage of AHU 01 C is faulty ,   | Need to be changed/calibrated .  | El. 245        | UC | Jul-18 | DLC | Electrical/C&I   | CLOSED | 30/7/2018 |
| 1512 | Hard scale is installed inside the canal near NGH, to asses the level of bong pond physically is rusted and measurements of the scale are wiped out.                      | pain work is needed  | NGH            | UC | Jul-18 | DLC | Mechanical/Civil | CLOSED | 30/7/2018 |
| 1513 | There must be proper fencing around the NGH so that locals can't throw garbage along the way to NGH sensor to avoid any damage to the equipment.                          | Fencing around the NGH   | NGH            | UC | Jul-18 | DLC | Mechanical/Civil | CLOSED | 30/7/2018 |
| 1514 | Wild growth of shrubs/bushes observed @ NBE Gates area.   | Need to be cutdown by concerned section.   | NBE Gates      | UC | Jul-18 | DLC | Admin            | CLOSED | 30/7/2018 |
| 1515 | Training of operation staff was not conducted as per plan displayed on the CCR notice board.  | It should be ensured that training plan must be followed in a timely manner  | CCR            | UC | Aug-18 | MSA | Operation        | CLOSED | 31/8/2018 |
| 1516 | Some of the keys observe without proper identification and seggregation, which could create confusion and delay in search of right key for the right lock.                | All keys in control of CCR must have proper identification and seggregation for prompt action  | El. 265        | UC | Aug-18 | MSA | Operation        | Closed |           |
| 1517 | A First Aid Box was observed without saniplast.   | First Aid contents need to be replenished timely   | El. 265        | UC | Aug-18 | MSA | HSE              | CLOSED | 31/8/2018 |
| 1518 | Housekeeping inside one of the operation cupboard found in very bad shape, some used or redundant printer catridges and other stuff found stored.                         | Housekeeping in the cupboard need to improve.  | CCR            | UC | Aug-18 | MSA | Operation        | CLOSED | 31/8/2018 |
| 1519 | Maintenance section stores were found holding lot of damage and redundant materials causing space shortage and housekeeping issues.                                       | Procedure need to be figure out for retrun of deffective and redundant tools and materials to warehouse for further disposal.  | Warehouse      | UC | Aug-18 | MSA | -                | CLOSED | 31/8/2018 |
| 1520 | In Electrical Gallery seal of one of the panel found removed /missing.  | Proper sealing is required to be carried out to prevent the entry of any reptiles in the panel.  | El. 245        | UC | Aug-18 | MSA | Electrical/C&I   | CLOSED | 31/8/2018 |
| 1521 | It is suggested that for easy identification of battery banks,  | Both battery banks may be identified as Battery Bank # 1(old) & 2 (New).   | Battrey Room   | UC | Aug-18 | MSA | Operation        | CLOSED | 31/8/2018 |
| 1522 | Some issues found in record keeping of Tool and material Issuance registers   | Tool and material Issuance registers at maintenance sections stores need improvement with respect to record keeping.   | Workshop       | UC | Aug-18 | MSA | Mechanical/Civil | CLOSED |           |
| 1523 | Fire Engine DG belt drive found without protective guard.   | Non availability of guard could lead to major injury during accidental contact of body part with belt drive while operation  | El. 245        | UC | Aug-18 | MSA | Mechanical/Civil | CLOSED | -         |
| 1524 | Fire Hydrants and Fire Hose Cabinets were found blocked by wild growth and vegetation in the area which could cause smooth operation of emergency equipment.              | All vegetations need to be cleared to keep the access clear.   | Intake El. 251 | UC | Aug-18 | MSA | Admin            | CLOSED | 31/8/2018 |
| 1525 | Vegetation observed on the pole of IC-2 of NBE gates, it should be immediately removed to avoid short circuit in this rainy season.                                       | Really don't want to see electric fireworks during rain.   | NBE Gates CCR  | NM | Aug-18 | MSA | Electrical/C&I   | CLOSED | 31/8/2018 |
| 1526 | Staff was rectifying the Flag rope, comprehensive discussion was held with the working party on the Hazard working on the Scissor lift, and conditions for usage outdoor. | Staff was briefed to avoid usage during high winds   | Near Fountain  | UC | Aug-18 | MSA | Electrical/C&I   | CLOSED | 31/8/2018 |
| 1527 | Junction box outside GIS, cover missing, reptiles can go inside and cause short circuit.  | Should be covered  | GIS            | UC | Aug-18 | MSA | Electrical/C&I   | CLOSED | 31/8/2018 |



|      |  |  |                 |    |        |     |                  |        |           |
|------|--|--|-----------------|----|--------|-----|------------------|--------|-----------|
| 1528 | Unloading bay door towards GIS is not properly closing, door is not proper at lower hinge/support.   | -  | Unloading Bay   | UC | Aug-18 | MSA | Mechanical/Civil | CLOSED | 31/8/2018 |
| 1529 | Unloading bay small exit door lock opening ring is missing which makes it difficult to open.   | Will not open in case of emergency, Should be rectified  | Unloading Bay   | UC | Aug-18 | MSA | Mechanical/Civil | CLOSED | 31/8/2018 |
| 1530 | Wash room lights in the worker residence are not replaced,   | Should be replaced to avoid tripping slipping hazard   | Housing Colony  | UC | Aug-18 | MSA | Admin            | Closed | 30/9/2018 |
| 1531 | Steel Nails protruding in the corridor of working residence , Don't think we are providing Gladiator training to our staff                             | Should be removed.   | Housing Colony  | UC | Aug-18 | MSA | Admin            | CLOSED | 31/8/2018 |
| 1532 | Colony boundary wall lighting control panel box found open and lock is faulty, reptiles can sneak in and cause short circuit                           | Open invitation to reptiles to cause short circuit.  | Housing Colony  | UC | Aug-18 | MSA | Admin            | CLOSED | 31/8/2018 |
| 1533 | Control Panel on back side of the Guest room adjacent to Officer Mess is having bird nest.   | I think mother bird left the door open unintentionally   | Housing Colony  | UC | Aug-18 | MSA | Admin            | CLOSED | 31/8/2018 |
| 1534 | No Exhaust fan in the officer Club wash rooms.   | Can't be emergency exit I hope.  | Housing Colony  | UC | Aug-18 | MSA | Admin            | CLOSED | 31/8/2018 |
| 1535 | Two buckets of fire staion found missing near colony DG.Buckets found on the ground.   | It is recommended to aware staff these buckets are not for daily use these are only for firefighting.                  | Housing Colony  | UC | Aug-18 | MSA | Admin            | CLOSED | 31/8/2018 |
| 1536 | Cable found on the floor near colony DG.   | It should be prrproperly routed.   | Housing Colony  | UC | Aug-18 | MSA | Electrical/C&I   | CLOSED | 31/8/2018 |
| 1537 | Naked cable found near clony DG  | It should be terminated properly   | Admin Area      | UC | Aug-18 | MSA | Electrical/C&I   | CLOSED | 31/8/2018 |
| 1538 | Cleaning required for fire hydrant located near intake stop log area.  | Should be cleaned  | El. 259         | UC | Aug-18 | MSA | Admin            | CLOSED | 31/8/2018 |
| 1539 | Cigrtte butt found on the top admin buliding stair case door   | IT should be removed and awarness should be given to staff to smoke at designated point and houskeeing should be done. | Admin Area      | UC | Aug-18 | MSA | HSE              | CLOSED | 31/8/2018 |
| 1540 | Extra cable found lying on the Printer .   | It was removed obseravation closed at site   | Admin Area      | UC | Aug-18 | MSA | BSS              | CLOSED | 31/8/2018 |
| 1541 | Ele.261 empty plastic bag found in Safety Aid Box.   | Removed by the Auditors  | El. 261         | UC | Aug-18 | MSA | HSE              | CLOSED | 31/8/2018 |
| 1542 | Massive Seasonal Shrubs & Wild growth was observed in Colony   | Wild growt Should be removed periodically to minimize the hazards of Snakes & other Reptiles                           | Housing Colony  | UC | Aug-18 | MSA | Admin            | CLOSED | 30/9/2018 |
| 1543 | Wall Paint is damaged inside Fire Fighting at Elev 270 masl .  | Paint should be replenish on priority basis  | EL.271          | UC | Aug-18 | MSA | Mechanical/Civil | CLOSED | 30/9/2018 |
| 1544 | Curtains of a window at Elev 265 gallery found broken  | Curtains need to be installed.   | Housing Colony  | UC | Aug-18 | MSA | Admin            | CLOSED | 31/8/2018 |
| 1545 | Water was observed accumulated on floor of fire fighting room  | Regular Cleaning should be carried out   | Housing Colony  | UC | Aug-18 | MSA | Operation        | CLOSED | 31/8/2018 |
| 1546 | First Aid Box at Elev 270 was not inspected as per routine.  | First Aid boxes should be regularly checked to ensure availability of all items  | Housing Colony  | UC | Aug-18 | MSA | HSE              | CLOSED | 31/8/2018 |
| 1547 | Massive Seasonal Shrubs & Wild growth was observed in the premises of NBE gates CCR.   | Wild growt Should be removed periodically to minimize the hazards of Snakes & other Reptiles                           | Housing Colony  | UC | Aug-18 | MSA | Mechanical/Civil | CLOSED | 31/8/2018 |
| 1548 | Floor tiles colour of washrooms at every elevation are deteriorated.   | Mats should be placed on floor.  | All Elevations  | UC | Aug-18 | MSA | Admin            | CLOSED | 31/8/2018 |
| 1549 | A Tap knob in cafeteria found out of order.  | Tab knob should be replaced with new one.  | Kitchen         | UC | Aug-18 | MSA | Mechanical/Civil |        |           |
| 1550 | Some empty draws were found in kitchen placed near window.   | Should be removed immediately.   | Kitchen         | UC | Aug-18 | MSA | Mechanical/Civil | CLOSED | 31/8/2018 |
| 1551 | An empty cover of scissor found in first aid box at El: 265.   | Should be removed from first aid box.  | Kitchen         | UC | Aug-18 | MSA | HSE              | CLOSED | 31/8/2018 |
| 1552 | Water mixer in washroom of El: 245 found broken.   | should be replaced with new one.   | El. 245         | UC | Aug-18 | MSA | Mechanical/Civil | CLOSED | 31/8/2018 |
| 1553 | During replacement of cartridge filters of WTP it was found that the specific isolations were not mentioned on permit. Although system was isolated. . | All permits should be issued with properly description of isolations and safety precautions.                           | Water Treatment | NM | Aug-18 | MSA | Operation        | CLOSED | 31/8/2018 |
| 1554 | Some empty bottles are found on the wall of washrooms at El: 245 masl.   | Should be removed Immediately  | El. 245         | UC | Aug-18 | MSA | Operation        | CLOSED | 31/8/2018 |

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|------|---|--|----------------|----|--------|-----|------------------|--------|-----------|
| 1555 | First Aid box at El: 245 was not checked on weekly bases.   | Should be checked periodically.  | El. 245        | UC | Aug-18 | MSA | HSE              | CLOSED | 31/8/2018 |
| 1556 | A HSE poster was found on Floor at El. 227  | During audit it was removed from there.  | El.227         | UC | Aug-18 | MSA | HSE              | CLOSED | 31/8/2018 |
| 1557 | Fall sealing panel found misplaced in communication room CCR.   | Should be adjust it properly   | CCR            | UC | Aug-18 | MSA | Operation        | CLOSED | 31/8/2018 |
| 1558 | Some used plastic bag and barrication tape found in drainage pits of all units at El. 227.  | Housekeeping is required   | El. 227        | UC | Aug-18 | MSA | Operation        | CLOSED | 31/8/2018 |
| 1559 | At Ele 261 Inventory was not complete in First Aid Box  | Should be maintained.  | All Elevations | UC | Aug-18 | MSA | HSE              | CLOSED | 31/8/2018 |
| 1560 | At Ele.261 The door lock was found replaced and working properly.   | Should be Replaced   | E. 261         | UC | Aug-18 | MSA | Mechanical/Civil | CLOSED | 31/8/2018 |
| 1561 | At Ele. 251 Carpet was found at floor.  | It should be placed properly at an appropriate place   | El. 251        | UC | Aug-18 | MSA | Admin            | CLOSED | 31/8/2018 |
| 1562 | At Ele.261 Mixer was found/jammed in washroom.  | Should be checked and replaced if required.  | El. 261        | UC | Aug-18 | MSA | Mechanical/Civil | CLOSED | 31/8/2018 |
| 1563 | Annual maintenance of Water treatment plant is in progress, Discussion with working team carried out regarding housekeeping ,Area was properly barricaded, Wet floor signage was displayed. | Housekeeping should be carried on daily basis  | El. 245        | UC | Aug-18 | MSA | Mechanical/Civil | CLOSED | 31/8/2018 |
| 1564 | Oil dripping was observed from the overhead crane, becoming the slipping hazard.  | Area should be cleaned and drip tray should be placed.   | El. 245        | UC | Aug-18 | MSA | Operation        | CLOSED | 31/8/2018 |
| 1565 | Tube lights found fused in Electrical room 3  | These light should be replaced.  | El. 245        | UC | Aug-18 | MSA | Electrical/C&I   | CLOSED | 31/8/2018 |
| 1566 | HSE poster found faded in electrical room 3 and machine hall  | Posters should be removed and replaced with new one if available.  | El. 245        | UC | Aug-18 | MSA | HSE              | CLOSED | 31/8/2018 |
| 1567 | Starting key found with Power house DG 750 KVA ,  | Need advised from Hse section either it should be with DG or with authorized person, as maintenance team and other MSAs team frequently visit DG room                        | El. 245        | UC | Aug-18 | MSA | HSE              | CLOSED | 31/8/2018 |
| 1568 | Cowwebs observed outside of DG room & 750 KVA   | These should be removed  | El. 245        | UC | Aug-18 | MSA | Operation        | CLOSED | 31/8/2018 |
| 1569 | Confined space tag was found on the floor at elevation 227  | it should be displayed properly or removed   | El.227         | UC | Aug-18 | MSA | Operation        | CLOSED | 31/8/2018 |
| 1570 | Very poor housekeeping observed beneath the bearing oil tanks @elevation 245  | Area should be cleaned on regular bases.   | El. 245        | UC | Aug-18 | MSA | Operation        | CLOSED | 31/8/2018 |
| 1571 | Open holes for cable laying observed in machine hall, openly inviting reptiles  | if not been used , these openings should be covered or closed.   | El. 245        | UC | Aug-18 | MSA | Electrical/C&I   | CLOSED | 31/8/2018 |
| 1572 | Poor Housekeeping was observed near main entrance   | Should be cleaned  | El. 251        | UC | Aug-18 | MSA | Operation        | CLOSED | 31/9/2018 |
| 1573 | Weekly inspection of first aid cabinet was not performed to ensure all the equipment's are available in the cabinet.  | First aid cabinet check sheet must be signed off after inspection, so that all the things which will be required in case of first aid treatment can be availed at that time. | El.265         | UC | Sep-18 | MSA | HSE              | CLOSED | -         |
| 1574 | Oil spillage was observed on the floor of erection bay causing slip/trip hazard.  | After maintenance activity house keeping must be ensured to avoid any slip/trip hazard.  | El.245         | UC | Sep-18 | MSA | Admin            | CLOSED |           |
| 1575 | Electrical panel at unloading panel was found opened which was causing serious electrical hazard.   | Electrical panel must be closed immediately to avoid electrocution hazard.   | El.251         | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |           |
| 1576 | Door closer to be installed on both doors leading to elevation 227masl in front of Unit # 4 and Unit # 1 at machine hall.   | Efficiency of both installed exhaust fans will be affected if doors remain open and ultimately cause serious humidity issue at 227.  | El.227         | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |           |
| 1577 | Door lock was found broken of water treatment plant door, which can affect the operation of installed equipment.  | Door lock should be replaced immediately to avoid any damage to operation of installed equipment.  | El.245         | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |           |
| 1578 | Poor housekeeping was observed at the unloading bay and trashed was not stored properly in bins.  | Proper housekeeping to be ensured for safe operations.   | El.251         | UC | Sep-18 | MSA | Admin            | CLOSED |           |

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|------|---|--|----------------|----|--------|-----|------------------|--------|-----------|
| 1579 | Scaffolding material was found at unloading bay, causing serious trip hazard.   | After completion of activity scaffolding material must be stored at proper place/designated area | El.251         | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |           |
| 1580 | Tube light inside the unit#4 pit was found faulty, which is causing falling hazard.   | Light must be rectified so that operation can inspect the unit pit without any hazard.           | El.227         | UC | Sep-18 | MSA | Electrical/C&I   | Closed |           |
| 1581 | In the maximo server room, power cables was found causing serious electrocution hazard.   | Power cable must be dressed up/routed properly by using tape/conduit.                            | CCR            | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |           |
| 1582 | Cleaning mop was found not stored in proper place.  | After housekeeping material must be stored properly to avoid any obstruction in the pathways.    | Warehouse      | UC | Sep-18 | MSA | Admin            | CLOSED |           |
| 1583 | Empty Aquarium is found at the main entrance at El: 255 masl.   | It should be removed immediately.  | El. 255        | UC | Sep-18 | MSA | Admin            | CLOSED |           |
| 1584 | A Cook was found without wearing PPE i.e. Safety Shoes in kitchen.  | All personnel should wear PPE's while doing their jobs.  | Kitchen 265    | UC | Sep-18 | MSA | Admin            | CLOSED |           |
| 1585 | AC Unit was ON while no body was there in the worker's mess.  | It should be turned ON only when there is any person.  | Worker's Mess  | UC | Sep-18 | MSA | Admin            | CLOSED |           |
| 1586 | AC Outdoor Units Condensated water drainage pipe is missing.  | Should be fixed by concerned department to avoid any damage.                                     | El. 271        | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |           |
| 1587 | An Open Syringe was found in the First Aid Room.  | Syringe should be properly disposed off after use.   | First Aid Room | UC | Sep-18 | MSA | HSE              | CLOSED |           |
| 1588 | Drip was found open and without record of date of opening at first aid room.  | Date should be written on drip when it is opened.  | First Aid Room | UC | Sep-18 | MSA | HSE              | CLOSED |           |
| 1589 | The handle of almirah was found broken in First Aid Room.   | Needs to be replaced with new one.   | First Aid Room | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |           |
| 1590 | No handing/taking record of male nurses found since April 2018.   | Proper Handing/Taking should be noted down in the register.                                      | First Aid Room | UC | Sep-18 | MSA | HSE              | CLOSED |           |
| 1591 | Scrap was found in the workshop.  | Should be dumped at proper area designated i.e. in Salvage Yard.                                 | Workshop       | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |           |
| 1592 | A chair was found broken in Workshop Working Area.  | Should be removed immediately.   | Workshop       | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |           |
| 1593 | Syringe needle disposal machine is required at First Aid Room.  | It should be provided immediately to properly dispose off the needles.                           | First Aid Room | UC | Sep-18 | MSA | HSE              | Closed | 7/11/2018 |
| 1594 | A sign board was found broken at start of the road toward main gate.  | It should be fixed properly at the designated area.  | Gate No. 1     | UC | Sep-18 | MSA | HSE              | CLOSED |           |
| 1595 | Some LED's of the sign board near main gate rod blocker was found fused.  | Fused LED's should be replaced with new one.   | Main Road      | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |           |
| 1596 | At El. 245, bottom rubber seal of air compressor room shutter found detached.   | Needs to be fixed.   | El.245         | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |           |
| 1597 | At El.245 outside Station DG Room, spider webs were found around AHU's Ducts.   | Housekeeping require   | El.245         | UC | Sep-18 | MSA | Admin            | CLOSED |           |
| 1598 | At El.245, oil spillage from OH Crane observed on floor.  | Housekeeping required.   | El.245         | UC | Sep-18 | MSA | Admin            | CLOSED |           |
| 1599 | At El. 251, Scaffolding material is dumped since long.  | Needs to be moved to designated store room.  | El.251         | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |           |
| 1600 | At El. 245 Station DG room, cable tray has a sharp edge with a potential of injury.   | Should be curved a bit & made prominent with masking tape to prevent any injurious contact.      | El.245         | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |           |
| 1601 | At El.251, inside GIS, control module panel of FM200 was not properly sealed from top.  | Needs to be fixed properly.  | El.245         | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |           |
| 1602 | At El. 245, newly installed PAX telephones don't have any phone directory available.  | Phone Directory to be displayed for easy and fast communication.                                 | El.245         | UC | Sep-18 | MSA | Admin            | CLOSED |           |
| 1603 | Poor house keeping after work, floor tiles not properly fixed after installation of safety board. Atleast barication should be provided when the work is not properly finished. Guard Room no 1 at gate | Housekeeping required  | Gate No. 1     | UC | Sep-18 | MSA | Admin            | CLOSED |           |
| 1604 | Grass observed growing in the stop log due to accumulation of soil/mud, section was contacted ,   | mud was removed from all the stop logs   | Intake El. 251 | UC | Sep-18 | MSA | Admin            | CLOSED |           |

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|------|--|--|------------------|----|--------|-----|------------------|--------|-----------------|
| 1605 | Wild growths beside the fire hydrant at intake, may result in access issue in emergency.   | Chargman was called and advised to clear the area.   | Intake El. 251   | UC | Sep-18 | MSA | Admin            | CLOSED |                 |
| 1606 | Wild growths also observed along the intake gantry cable, further growth can damage the insulaion of the cable.  | Should be removed  | Intake El. 251   | UC | Sep-18 | MSA | Admin            | CLOSED |                 |
| 1607 | Trash accumualtion on one side of the intake area,   | proper hosue keeping should be carred out, may become hide out from snakes reptiles.   | Intake El. 251   | UC | Sep-18 | MSA | Admin            | CLOSED |                 |
| 1608 | Two open pipe, one for deepwell used for police residence and open for its cable is open ,   | blind falnges should be installed for entery of any foreign material or reptile for future use.                                      | Intake El. 251   | UC | Sep-18 | MSA | Mechanical/Civil | Closed | -               |
| 1609 | Gantry carne buffers are damaged,  | inadvertant travel and impact can affect the integrity of the equipment  | Intake El. 251   | UC | Sep-18 | MSA | Mechanical/Civil | Closed | Work Inprogress |
| 1610 | Damaged insulation of the AC outer unit may cause the effeciency issue to the system,  | insulation should be rectified and flexiable cables conduit should be properly addressed.  | Intake El. 251   | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |                 |
| 1611 | one sensor of the spare transformer is dislocated,   | rectification required.  | Transformer Deck | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |                 |
| 1612 | Annual maintenance of Water treatment plant is in progress, Dicuusion with working team carried out regarding houskeeping ,Area was properly barricaded, Wet floor sinage was displayed. | -  | El.245           | -  | Sep-18 | MSA | Mechanical/Civil | CLOSED |                 |
| 1613 | Safety board should be isntalled back immediately  | Installed  | Gate No. 1       | UC | Sep-18 | MSA | HSE              | CLOSED |                 |
| 1614 | Oil dripping was observed from the over haed crane, becoming the slipping hazard.  | Area should be cleaned and and drip tray should be placed.   | El. 245          | UC | Sep-18 | MSA | Admin            | CLOSED |                 |
| 1615 | Tube lights found fused in Electrcal room 3  | These light should be replaced.  | El. 245          | UC | Sep-18 | MSA | Electrical/C&I   | Closed |                 |
| 1616 | Cowebs observed outside of DG room & 750 KVA   | These shoud be removed   | El. 245          | UC | Sep-18 | MSA | Admin            | CLOSED |                 |
| 1617 | Open holes for cable laying observed in machine hall, openly inviting reptiles   | if not been used , these openings should becovered or closed.  | El. 245          | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |                 |
| 1618 | Very poor houkeeping observed beneath the bearing oil tanks @elevation 245   | Area should be cleaned on regular bases.   | El. 245          | UC | Sep-18 | MSA | Admin            | CLOSED |                 |
| 1619 | Booster pump arae was barricaded however no maintenance or work in progress tag was not found,cable was also not terminated properly.  | if booster pumps are not availbe then there should some tag diplayed there at site, if available then barrication should be removed. | El. 245          | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |                 |
| 1620 | confined spece tag was found on the on floor at elavtion 227   | it should be displaye properly or removed  | El.227           | UC | Sep-18 | MSA | Admin            | CLOSED |                 |
| 1621 | The door at transformer deck observed opened and its lock was hanging with it.   | The door should be closed, locked and only be opened if required.  | Transformer Deck | UC | Sep-18 | MSA | Security         | CLOSED |                 |
| 1622 | The transformer deck lights were observed on at day time.  | The lights should be switched on at night and if there is darkness, otherwise these should be keep switched off.                     | Transformer Deck | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |                 |
| 1623 | Intake Gantry Crane wire rope observed too much dirty and ungreated.   | It shoud be properly cleaned and greased before annual maintenance to make it fully operational and healthy.                         | Intake El. 251   | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |                 |
| 1624 | Intake side near AC outdoor units, waterways cover has damaged and could possibly fall into its hole, there could have potential fall hazard if some stand/pass over it.                 | Proper concret plate should be placed over it.   | Intake El. 251   | UC | Sep-18 | MSA | Mechanical/Civil | Closed | 7/11/2018       |
| 1625 | Transformers tap changer lock are observed rusted and one lock was missing   | The locks need to be greased/cleaned   | Transformer Deck | UC | Sep-18 | MSA | Operation        | Closed |                 |
| 1626 | The cable used for lighting near transformer-4 has deteriorated its conduit.   | Cable conduit shoud be replaced with new one.  | Transformer Deck | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |                 |
| 1627 | The cable conduit of weekly oil tank motor has deteriorated near transformer-4   | Cable conduit should be replaced with new one.   | Transformer Deck | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |                 |
| 1628 | Fire Hydrant observed fully covered with wild vegetation/grass.  | Wild vegitation near hydrant need to be trimmed  | Transformer Deck | UC | Sep-18 | MSA | Admin            | CLOSED |                 |
| 1629 | ACCU-07C outdoor unit pipes observed dismantled  | The system need to be restored as per actual condition.  | Emergency Door   | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |                 |
| 1630 | At Ele.245 Socket was found burnt at Machine Hall .  | Should be replaced at immediate by concerned section.  | El. 245          | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |                 |
| 1631 | At Gate 1 Automatic Door closer was not found. Inappropriate way of closing door was observed.   | Should be properly maintained by the concerned section.  | Gate No. 1       | UC | Sep-18 | MSA | Mechanical/Civil | Closed | 7/11/2018       |

|      |  |   |                  |    |        |     |                  |        |            |
|------|--|---|------------------|----|--------|-----|------------------|--------|------------|
| 1632 | At Ele 255 at Gate no. 1 entrance a box sign board was found broken.   | It should be fixed properly at the designated area.   | Gate No. 1       | UC | Sep-18 | MSA | Mechanical/Civil | Closed | 7/11/2018  |
| 1633 | At Ele.265 A tap mixer was not working properly in kitchen.  | It should be replaced immediately to save water.  | El. 265          | UC | Sep-18 | MSA | Mechanical/Civil | Closed | 7/11/2018  |
| 1634 | At Ele.261 Mixer was found/jammed in washroom.   | Should be checked and replaced if required.   | El. 261          | UC | Sep-18 | MSA | Mechanical/Civil | Closed | 7/11/2018  |
| 1635 | Dry Grass was observed piled up at transformer deck ,  | need to be removed immediately .  | Intake El. 251   | UC | Sep-18 | DLC | Admin            | CLOSED |            |
| 1636 | Water Leakage observed from the AC Installed in Mosque ,   | need to be rectified immediately .  | El.265           | UC | Sep-18 | DLC | Electrical/C&I   | CLOSED |            |
| 1637 | Sanitation of water despecsors are arequired as these despecsor were not cleaned since take over   | Cleaning Required   | -                | UC | Sep-18 | MSA | Admin            | Closed | 26/10/2018 |
| 1638 | During monthly maintenance lot of water found accumulated in the vessel which is hazradous for vessel body,  | it recommended that it should be drained on weekly basis by operations. Included in Check sheet | El.245           | UC | Sep-18 | DLC | Operation        | Closed |            |
| 1639 | Tube light found fused in stair case accessing to sewage room.   | new light should be installed   | El.241           | UC | Sep-18 | DLC | Electrical/C&I   | Closed |            |
| 1640 | HVAC drain water was dripping in workshop  | , needs proper rectification.   | El.251           | UC | Sep-18 | DLC | Electrical/C&I   | CLOSED |            |
| 1641 | Elevation of piston compressor is requird to drain the condensate easily.  | Needed to Elevate it  | El.245           | UC | Sep-18 | DLC | Mechanical/Civil | Closed | 14/11/2018 |
| 1642 | Light of Unit-2 bulb nose is out of order,   | need to be replaced.  | El.245           | UC | Sep-18 | DLC | Electrical/C&I   | CLOSED |            |
| 1643 | Some of the keys obserevd without proper identification and seggregation, which could create confusion and delay in search of right key for the right lock in CCTV room.                                   | All keys must have proper identification and seggregation for prompt action(Admin& Security)    | -                | UC | Sep-18 | MSA | Security         | CLOSED |            |
| 1644 | Dry weeds and shrubs were found nearby intake stop log area, creating fire hazard.   | Need proper housekeeping of the area.(Admin)  | Intake El. 251   | UC | Sep-18 | MSA | Admin            | CLOSED |            |
| 1645 | Electric Socket was observed damaged in club gym.  | Socket need to be fixed properly.   | Housing Colony   | UC | Sep-18 | MSA | Admin            | CLOSED |            |
| 1646 | A door lock of small door in unloading bay shutter is found out of order   | Door lock need to be fixed immediately.   | El.251           | UC | Sep-18 | MSA | Mechanical/Civil | Closed | 14/11/2018 |
| 1647 | Janitorial staff cleaning material is found placed in different washrooms though they have been provided with designated place at El 245.  | All stuff must be shifted to designated areas.  | El.245           | UC | Sep-18 | MSA | Admin            | CLOSED |            |
| 1648 | A water tap was found out of order in a washroom at EL 245.  | Water tap need to be fixed  | El.245           | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |            |
| 1649 | A drainage was obserevd blocked in water treatment plant, causing spilage of water on the floor creating housekeeping issues and slip hazard.  | Drain should be open and houskeeping need to done.  | El.245           | UC | Sep-18 | MSA | Operation        | Closed |            |
| 1650 | It is suggested that for easy identification of battery banks,   | both battery banks may be identified as Battery Bank # 1(old) & 2 (New).                        | El.245           | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1651 | General Housekeeping in the machine hall and adjacent galleries found upto the mark.   |   | El.245           | GP | Sep-18 | MSA | Admin            | CLOSED |            |
| 1652 | All First Aid Boxes and Fire extinguishers were found inspected and updated.   | -   | -                | GP | Sep-18 | MSA | HSE              | CLOSED |            |
| 1653 | Light was found out of order at EL 227 Unit 1 and Unit 4 Galirries.  | Light should be fixed immediately.  | El.227           | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1654 | An Exit Sign was found out of order at EL 227 First Stair case.  | Light should be fixed   | El.227           | UC | Sep-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1655 | An aluminium strip was observed detached from the stair step creating serious trip hazard on EL 227 stair case .   | Strip should be fixed immediately.  | E.227            | UC | Sep-18 | MSA | Mechanical/Civil | CLOSED |            |
| 1656 | Emergency contact number displayed in cafeteria was found not updated.   | Need to display updated contact details immediately.  | El.265           | UC | Sep-18 | MSA | HSE              | CLOSED |            |
| 1657 | Third party workers were doing their job outside the workshop with full compliance of PPE's except one of them was not using the dust mask.Exposure to cement dust can cause serious respiratory problems. | Usage of respiratory dusk as per nature of the job is necessary.                                | Outside Workshop | UA | Oct-18 | MSA | Mechanical/Civil | CLOSED |            |

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|------|--|--|-------------------------|----|--------|-----|------------------|--------|------------|
| 1658 | Poor housekeeping has been observed at unloading bay and outside GIS room that could be dangerous for normal operations of nearby equipments.  | Ensuring of proper house keeping is necessary for healthy systems.   | GIS Room                | UC | Oct-18 | MSA | Operation        | CLOSED |            |
| 1659 | At EI.227, electric light was placed in the passage of Unit#4 pit causing serious electrical, slip/trip and damage to the equipment hazard.  | Light to be hanged/placed properly to avoid above hazards  | EI.227                  | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1660 | At EI.227, a strature has been hanged by HSE to rescue working personnel.  | -  | EI.227                  | GP | Oct-18 | MSA | HSE              | CLOSED |            |
| 1661 | Third party was working at HSE stat board and area was not properly barricaded which may cause slip/trip injury.   | Area must be barricaded so that people must be aware of on going activity at site and slip/trip hazard can be avoided.               | Gate No. 1              | UA | Oct-18 | MSA | HSE              | CLOSED |            |
| 1662 | Door closer found missing at guard room # 1, and gaurds have installed a bottle, rope and pointed nail which helps them in closing the door. That assembly can be cause of serious hand/head injury. | Proper door closer should be installed to avoid any serious injury.  | Gate No. 1              | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |            |
| 1663 | Door near the motorcycle parking shed installed at fence found damaged which is causing serious bio hazards.   | Door must be closed permanently to avoid any entrance of stray dogs etc.   | Near Motorcycle parking | UC | Oct-18 | MSA | Security         | Closed | 15/12/2018 |
| 1664 | At NBE gates control room, damaged exhaust fan and its assembly found stored over the cupboard causing poor housing.   | After completion of job, damaged material must be stored/dumped properly to avoid such hazards.                                      | NBE Gates CCR           | UC | Oct-18 | MSA | Operation        | CLOSED |            |
| 1665 | At NBE gates control room, incoming supply cables for IC1 and IC2 breakers have enough openings at the cable tray which is causing serious bio hazard.   | Openings at the trench must be packed and filled immediately to avoid any damage to the installed equipment and to cater bio hazard. | NBE Gates CCR           | UC | Oct-18 | MSA | Operation/Admin  | CLOSED |            |
| 1666 | Outer of the AC has leakages installed at NBE gates, which is causing serious electric hazard.   | Leakages should be mitigated immediately to avoid any short circuiting   | NBE Gates CCR           | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1667 | At NBE gates, cable tray infront of gate # 3 was found damaged which can cause damage to the supply or control cables and will affect the operation of gates.  | Cable tray must be retified timely to avoid serious hazards.   | NBE Gates CCR           | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1668 | At NBE gates, cable trench infront of gate # 1 found damaged and has openings which can be dangerous to the supply and control cables and ultimately affect the communication between LCU-8 & 7.     | Cable trench must be properly rectified to avoid damage to the installed equipment.  | NBE Gates CCR           | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1669 | At ground floor entrance, serious pinching hazard was observed at the wall.  | Nails should be removed to avoid pinching hazard.  | EL.255                  | UC | Oct-18 | MSA | Mechanical/Civil | Closed |            |
| 1670 | Wild growth observed at NBE gates  | Grass needed to be Trimmed at NBE Gates.   | NBE Gates CCR           | UC | Oct-18 | MSA | Admin            | CLOSED |            |
| 1671 | No Proper Housekeeping ; Nor the area was barricaded for tempoary storage.   | Housekeeping required  | NBE Gates CCR           | UC | Oct-18 | MSA | Operation        | CLOSED |            |
| 1672 | Door closure was found to be out of order at CCR .@Elev.265.   | Should be rectified  | CCR                     | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |            |
| 1673 | Leakage from safety valve of fire fighting pump observed.  | TR outstanding on it. The rectification work should be carried out as soon as possible as the leakage water is destroying the floor. | EI.271                  | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |            |
| 1674 | Earthing wire found rusty on fire fighting outlet pipe line on stainer.  | Rust should be removed   | EI.271                  | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1675 | Compressor of RTU was found laying at elevation 274 with out any tag/markng of temporary storage.  | Tag should be fixed  | EI.274                  | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1676 | DCP Cylinder Re-Inspection for the Month of October still not performed for Corolla (ICT UC 743).  | Should be inspected immediately  | EI.255                  | UC | Oct-18 | MSA | HSE              | CLOSED |            |
| 1677 | Humidity Water seepages through draining pipe is across the wall.  | The pipe may be dislogged needs to be fix properly with proper drain system  | NBE Gates CCR           | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1678 | Voltmeter EVM-3 not Properly Installed in 11KV Incoming Supply IC-1 Feeder of NBE GATES.   | Need to be propely installed.  | NBE Gates CCR           | UC | Oct-18 | MSA | Electrical/C&I   | Closed | 30/11/2018 |
| 1679 | Spare tube lights found on top of pannel ;Poor House   | Keeping .Need to be disposed off if out of order   | NBE Gates CCR           | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1680 | Fire Extinguishers re-inspection pending for the month of October at NBE Gates.  | Should be inspected immediately  | NBE Gates CCR           | UC | Oct-18 | MSA | HSE              | CLOSED |            |
| 1681 | The drain tray of water dispenser at NBE Gates was found filled.   | Should be removed  | NBE Gates CCR           | UC | Oct-18 | MSA | Operation        | CLOSED |            |
| 1682 | An empty carton card board was observed lying in the library near IT servor.   | Housekeeping need to be ensured  | CCR                     | UC | Oct-18 | MSA | IT               | CLOSED |            |
| 1683 | A fire extinguisher is observed in heavy goods warehouse not inspected since July 2018.  | Area owner has to ensure that monthly inspections of emergency equipments installed in his area are being carried out.               | Warehouse               | UC | Oct-18 | MSA | BSS              | CLOSED |            |
| 1684 | Some cartons were found not properly stacked in one of the rack in warehouse.  | Stacking need to be improved in warehouse  | Warehouse               | UC | Oct-18 | MSA | BSS              | CLOSED |            |
| 1685 | Flammable material paint and thinner cans were found stored in non flammable area of the warehouse.  | Flammable material should be immediately moved to designated place.  | Warehouse               |    | Oct-18 | MSA | BSS              | CLOSED |            |
| 1686 | An out of order dispenser found lying in CCTV store.   | Concerend section should be informed to arrange the repair of dispenser  | Security                | UC | Oct-18 | MSA | Security         | CLOSED |            |
| 1687 | PTW # 2894 was checked and all hazard control measures were found in compliance, LOTO was implemented.   | Keep it up   | -                       | GP | Oct-18 | MSA | Operation        | CLOSED |            |

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|------|---|---|-----------------|----|--------|-----|------------------|--------|------------|
| 1688 | A fullbody harness was found stored on the floor in Electrical warehouse, potential of damage to the harness.   | Full body harness must be hanged at designated place                                | Workshop        | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1689 | A lot of scrap material like used tube rods, empty refrigrant cyliders were lying in the electrical store creating housekeeping issues due to shoratge of storage area,                     | Arrangment should be made for disposal of scrap materials.                          | Workshop        | UC | Oct-18 | MSA | BSS              | CLOSED |            |
| 1690 | Two walky talkies were found improperly stored with other materials in electrical store.  | Communication devices should be kept in designated safe place.                      | CCR             | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1691 | LPG gas cylinder was stored near the hot work ( Soldering) point in the electrical store, serious fire potential.   | LPG cylinder should be moved to compress gas cylinder area in the workshop          | Workshop        | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1692 | A scissor was missing in a first aid box at EI 271.   | A contents of first aid box should be updated                                       | EI. 271         | UC | Oct-18 | MSA | HSE              | CLOSED |            |
| 1693 | A ptw# 6-2911 related to maintenance work on elevators was checked  | all measures were found in compliance. Isolation tag was displayed at main breaker. | -               | GP | Oct-18 | MSA | Operation        | CLOSED |            |
| 1694 | A C&I team was observed working against PTW #2892. It was noticed that concerend CP is on leave and 2nd competent person supervising the job is not endorsed on the PTW and informed to AP. | Observation communicated to concerned department to recurrence                      | -               | NM | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1695 | Cigarette packet and water bottle was found behind the fire cabinet at transformer deck,  | security guard was called and educated about the hosue keeping issues.              | Gate No. 1      | UC | Oct-18 | MSA | Security         | CLOSED |            |
| 1696 | One cable conduit has lost it support at elevator entrance door on transformer deck.  | Rectification needed  | Stair Well Roof | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1697 | Heavy vegation at NBE gates Control room area   | Should be removed   | NBE Gates CCR   | UC | Oct-18 | MSA | Admin            | CLOSED |            |
| 1698 | Already serious hazard identified earlier, vegetation of IC1 and IC2 is still there.  | Operation should coordiante with WAPDA for removal.                                 | NBE Gates CCR   | UC | Oct-18 | MSA | Operation        | CLOSED |            |
| 1699 | Main supply cable from IC1 is laying on the ground without conduit.   | Conduit should be installed   | NBE Gates CCR   | UC | Oct-18 | MSA | Electrical/C&I   | Closed | 30/11/2018 |
| 1700 | At Ele.261 inventory of first Aid box found in-complete.  | Should get completed before and emergency   | EI.261          | UC | Oct-18 | MSA | HSE              | CLOSED |            |
| 1701 | At Ele.265 in server room panel door found out of order.  | Should get fixed before any damage done to wires inside panel.                      | CCR             | UC | Oct-18 | MSA | IT               | CLOSED |            |
| 1702 | At Ele.255 doctors room door lock is found broken.  | Should be fixed bt concerned by department.   | EI.255          | UC | Oct-18 | MSA | Mechanical/Civil | Closed | 10/12/2018 |
| 1703 | At Ele.B1 poor housekeeping was observed multiple times.  | Proper House Keeping should be carried out by concerned section.                    | GIS Room        | UC | Oct-18 | MSA | Operation        | CLOSED |            |
| 1704 | At Ele.255 in workshop there is an open switch not useable.   | Should be closed as it can cause electrical Hazard.                                 | Workshop        | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1705 | opening of tubine side access is very hard and cannot open easily.  | So it was decided to grind the cover slightly for easy opening                      | EI.245          | UC | Oct-18 | DLC | Mechanical/Civil | CLOSED |            |
| 1706 | Light in dewatering pit unit 4 is out of order  | Should be rectified as soon as possible.  | EI. 227         | UC | Oct-18 | DLC | Electrical/C&I   | CLOSED |            |
| 1707 | There is not any emergency light installed in DG Room   | Emergency light should be provided .  | EI.245          | UC | Oct-18 | DLC | Electrical/C&I   | CLOSED | 30/11/2018 |
| 1708 | It is highlighted by section that the intake crane cable cannot be rolled/unrolled properly on wheel.   | It should be rectified.   | EI. 255         | UC | Oct-18 | DLC | Mechanical/Civil | CLOSED |            |
| 1709 | Light for working on over head crane is not enough.   | New light should be installed   | Overhead Crane  | UC | Oct-18 | DLC | Electrical/C&I   | CLOSED |            |
| 1710 | Dislocated hanging lights in workers residence are potential threats for incidents.   | It should be rectified  | Staff Resicence | UC | Oct-18 | DLC | Admin            | Closed | 30/11/2018 |
| 1711 | Door closer of the guard room # 2 was found damaged.  | It should be rectified  | Gate No. 2      | UC | Oct-18 | MSA | Mechanical/Civil | Closed | 10/12/2018 |
| 1712 | Safety Slogan/poster for contacting on Emergency Numbers has been washed out due to rain.   | HSE should be asked to put new slogan /poster                                       | EI.259          | UC | Oct-18 | MSA | HSE              | CLOSED |            |
| 1713 | Drain for Rainfall from Machine hall roof top found to be chocked.  | Need to be perodically cleaned by civil Section                                     | EI.259          | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |            |
| 1714 | Transformer Earthing bar bolts found to be rusted.  | To be changed with SS Bolts.  | EI.259          | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |            |
| 1715 | The landscape along Firefighting D.G Diesel/ reserviour seemes to be receded a little .   | Needs to be checked by Civil Section and proper preventive measures to be taken.    | EI.259          | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |            |
| 1716 | Dain Pit (Red Cover) area for transformer deck seepage the cement between the joints has worned off   | Needs to be properly cemented again.  | EI.259          | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |            |
| 1717 | Poor House Kepping and litter thrown near disel storage tank  | Cleaned personally  | EI.259          | UC | Oct-18 | MSA | Admin            | CLOSED |            |
| 1718 | The insulation of level sensor of D.G Tank found to be tempered from different places   | New insulation needed to make it safe from enviourmental factor and hazards.        | EI.259          | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |            |
| 1719 | The path of Intake Gantry Crane found to be filled with dried mud and rubbish   | Path way needs to be cleaned periodically   | EI.255          | UC | Oct-18 | MSA | Operation        | CLOSED |            |
| 1720 | A lot of rubbish found along the intake side(Stop log lowering area) on water and on the outskirts  | Operational department along with junitorial staff needs to clean the area.         | EI.255          | UC | Oct-18 | MSA | Operation        | CLOSED |            |
| 1721 | Wild Growth along the intake side.  | Cutting and trimming of grass and plants along the intake side needed by civil.     | EI.255          | UC | Oct-18 | MSA | Operation        | CLOSED |            |
| 1722 | Cemented drain cover along the assembly point found broken  | Needs to be replace with new one.and area to be baricated for safety.               | EI.255          | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |            |
| 1723 | The landscape along assembly point near intake gantry crane railing seemes to be receded a little .   | Needs to be checked by Civil Section and proper preventive measures to be taken.    | EI.255          | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |            |

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| 1724 | Plastic covering to cover LV Box of spare Transformer found to be perforated   | Electrical Section informed to change the plastic covering with canvas.   | El.255        | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1725 | Safety Slogan misplaced by wind and rains on gate of transformer Deck  | New safety slogan to be installed /hanged respectively.   | El.259        | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1726 | Cemeted slab on drain outside plant entrance near first main barrier found to be broken  | Civil section to be asked to replace with the new one   | El.259        | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1727 | Laraib bus stop across the road oppsite to plant premises found to be in very dissatisfactory condition.   | It needs renovation as a whole ; peneflex of plant site also faded need to be replaced with new one   | -             | -  | Oct-18 | MSA | -                | CLOSED |  |
| 1728 | Hay found lying on the landscape along Intake left side.Fire Hazard need to be removed   | Need to be remove by civil section.   | El.255        | UC | Oct-18 | MSA | Operation        | CLOSED |  |
| 1729 | Cows doing rumination within the NBE Gate lawn premises.Entry gate found stuck.  | Civil and Mechanical section to check for the operation of gate   | Gate No.1     | UC | Oct-18 | MSA | Admin            | CLOSED |  |
| 1730 | NBE Gate boundray mesh found to be disoriented.  | Civil and mechanical section to be asked to proper place and support the mesh and it pillars moreover the mesh needs to be painted as the boundary mesh should be distinguishing. | Gate No.2     | UC | Oct-18 | MSA | Admin            | CLOSED |  |
| 1731 | Yellow Phase of IC-2 External cable from main energy meter to ATS pannel conductor found lying on ground in open without any baarication or proper cable laying process  | The cable should be properly laid by the electrical section as per standards.   | NBE Gates CCR | UC | Oct-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1732 | Bong pond level markings have faded with time  | Civil and Mechanical section need to repaint the markings for better view by Gate Operator during the cannal closure the said repaint process should be resheculte .              | NBE Gates CCR | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1733 | The glass door at Elev.255 entrance closes down very quickly and because its heavy also there is a chance of fatal injury or hit.  | A door closure is suggested to be installed.  | El.255        | UC | Oct-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1734 | Local Banners /Penaflex found hanging on Intake side. boundray mesh  | Local Banners /Penaflex should be removed and should not be allowed to hang on Plant Property.this check to be kept by HSE and Security.  | El.255        | UC | Oct-18 | MSA | Admin            | CLOSED |  |
| 1735 | Third party worker was erectiong the scaffolding with full compliance of PPE's except was not using the chin strap which can cause serious chin/head injury.   | Usage of chin strap is important to avoid loosness of the helmet.   |               |    | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1736 | Third party workers were advised to make proper step so that it becomes easy to access scaffolding. Otherwise, workers while accessing the scaffolding will have unproper body posture which can cause serious back injury.        | Formation of proper step is important to avoid physical injury.   |               |    | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1737 | Third party workers were advised to make proper safety of scaffolding to avoid any fall hazard.They were advised to make proper railing structure along the borders of cemented structure to avoid any fall hazard.                | Safety of scaffolding structure must be ensured to avoid any fall hazard.   |               |    | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1738 | Oil spilage was found at machine hall below the overhead crane that was causing serious slip/trip hazard.  | Oil spilage must be removed as soon as possible to avoid any slip/trip hazard.  |               |    | Nov-18 | MSA | Admin            | CLOSED |  |
| 1739 | At El.227 in Unit#4 pit, tube light was found fused. That was causing fall hazard for the inspection team. Also, they can not perform the proper inspection of pit which may leads to flooding of El.227 if leakages went ignored. | Proper lumination is required to avoid fall and bio hazards.  |               |    | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1740 | At El.227 in Unit#2 pit, tube light was found fused in access of deaft tube, that is causing hinderance in performing the proper inspection of draft tube acess, which may leads to flooding of El.227 if leakages went ignored.   | Proper lumination is required to avoid flooding hazards.  |               |    | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1741 | At El.227, tube light was found fused in gallery of that was causing low illumination which may leaded to bio hazard or slip/trip hazard.  | Proper illumination should be provided to avoid any bio hazard and slip/trip hazard.  |               |    | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1742 | In pit of unit#3, trash was found which can cause blocking of drain to main pit ultimately which may leads to flooding of El.227.  | Unit's pits must be kept clear to avoid any flooding.   |               |    | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1743 | Trash was found in the drain line infront of unit#2, which can cause choking of the drain line ultimately which may cause flooding of El.227.  | Drain line must be kept clear to avoid any flooding   |               |    | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1744 | In machine hall, where oil hedryation plant is placed. Near oil trays poor house keeping was observed.   | Proper house keeping must be ensured to avoid slip/trip hazard.   |               |    | Nov-18 | MSA | Operation        | CLOSED |  |
| 1745 | Flange Coupling Bolts of sprinkling water system found to be rusted.   | Relative Section to change with SS Bolts.   |               |    | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |



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|------|--|---|--|--|--------|-----|------------------|--------|--|
| 1746 | Safety Slogan/poster for contacting on Emergency Numbers has been washed out due to rain.  | HSE should be asked to put new slogan /poster   |  |  | Nov-18 | MSA | HSE              | CLOSED |  |
| 1747 | Drain for Rainfall from Machine hall roof top found to be choked.  | Need to be periodically cleaned by civil Section  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1748 | Transformer Earthing bar bolts found to be rusted.   | To be changed with SS Bolts.  |  |  | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1749 | The landscape along Firefighting D.G Diesel reservoir seems to be receded a little .   | Needs to be checked by Civil Section and proper preventive measures to be taken.  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1750 | Dain Pit (Red Cover) area for transformer deck seepage the cement between the joints has worn off  | Needs to be properly cemented again.  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1751 | Poor House Kepping and litter thrown near disel storage tank   | Cleaned personally.   |  |  | Nov-18 | MSA | Operation        | CLOSED |  |
| 1752 | The insulation of level sensor of D.G Tank found to be tempered from different places  | New insulation needed to make it safe from enviormental factor and hazards.   |  |  | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1753 | The path of Intake Gantry Crane found to be filled with dried mud and rubbish  | Path way needs to be cleaned periodically.  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1754 | A lot of rubbish found along the intake side(Stop log lowering area) on water and on the outskirts   | Operational department along with junioritorial staff needs to clean the area.  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1755 | Wild Growth along the intake side.   | Cutting and trimming of grass and plants along the intake side needed by civil.   |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1756 | Cemented drain cover along the assembly point found broken   | Needs to be replace with new one.and area to be baricated for safety.   |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1757 | The landscape along assembly point near intake gantry crane railing seems to be receded a little .   | Needs to be checked by Civil Section and proper preventive measures to be taken.  |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1758 | Wild Growth of shrubs along stop log area .  | Shrubs needed to be removed from stoplog area by civil section.   |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1759 | Work on road for the speed braker.Area well baricated .CP was available on site..Traffic flow was not disturbed by work.   | Good Practice.  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1760 | Plastic covering to cover LV Box of spare Transformer found to be perforated   | Electrical Section informed to change the plastic covering with canvas.   |  |  | Nov-18 | MSA | Operation        | CLOSED |  |
| 1761 | Safety Slogan misplaced by wind and rains on gate of transformer Deck  | New safety slogan to be installed /hanged respectively.   |  |  | Nov-18 | MSA | HSE              | CLOSED |  |
| 1762 | Cemeted slab on drain outside plant entrance near first main barrier found to be broken  | Civil section to be asked to replace with the new one.  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1763 | Laraib bus stop across the road oppsite to plant premises found to be in very dissatisfactory condition.   | It needs renovation as a whole ; peneflex of plant site also faded need to be replaced with new one   |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1764 | Hay found lying on the landscape along Intake left side.Fire Hazard need to be removed   | Need to be remove by civil section.   |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1765 | Paint work needed at NBE gates to avoid rusting and coorision of equipments  | Mechanical Section to be asked for painting of NBE Gates and respective pannels   |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1766 | Cows doing rumination within the NBE Gate lawn premises.Entry gate found stuck.  | Civil and Mechanical section to check for the operatiion of gate  |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1767 | NBE Gate boundray mesh found to be disoriented.  | Civil and mechanical section to be asked to proper place and support the mesh and it pillars moreover the mesh needs to be painted as the boundary mesh should be distinguishing. |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1768 | Yellow Phase of IC-2 External cable from main energy meter to ATS pannel conductor found lying on ground in open without any baarication or proper cable laying process  | The cable should be properly laid by the electrical section as per standards.   |  |  | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1769 | Bong pond level markings have faded with time ;  | Civil and Mechanical section need to repaint the markings for better view by Gate Operator during the cannal closure the said repaint process should be resheculde .              |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1770 | The glass door at Elev.255 entrance closes down very quickly and because its heavy also there is a chance of fatal injury or hit.  | A door closure is suggested to be installed.  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1771 | NBE Gate store (For Mechanical ) .Its been observed that there is no light in the store more over its top roof is observed to be dripping with rain water during rainny season hence the eulpments and stuff gets rusted and crooded indeed. | The roof should be repaired as well as arrangments of lights to be made too.  |  |  | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1772 | Hay found lying on the landscape along assembly point 2 (Fire Hazard ) need to be removed  | Need to be removed by civil section.  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1773 | Local Banners /Penaflex found hanging on Intake side boundray mesh .   | Local Banners /Penaflex should be removed and should not be allowed to hang on Plant Property.this check to be kept by HSE and Security.  |  |  | Nov-18 | MSA | Admin            | CLOSED |  |

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| 1774 | At El. 259, Cable conduit found detached.  | Needs to be fixed.  |  |  | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1775 | At Transformer's deck entrance point, temporary arrangement made for scissor lift's access. Concrete found deteriorated. | Proper slope to be made for easy and safe access.   |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1776 | At Transformer's deck several metallic pit covers observed having sharp edges.   | Need to be fixed to avoid unsafe contact.   |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1777 | Wild growth/vegetation found along the gantry crane channel and stop logs storage area.                                  | Need to be removed.   |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1778 | At Intake stop log area, no barricading done until new slabs are placed back over the trench.                            | Concerned section was informed on spot.   |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1779 | At Intake stop log area, trash was dumped at same place after removal from intake side of Unit no.1                      | Needs to be removed.  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1780 | At Intake stop log area, cable conduit found deteriorated.   | Needs to be replaced and fixed properly.  |  |  | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1781 | Near diesel storage tank, cover found detached beside VFN-C.   | Needs to be fixed.  |  |  | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1782 | At El.265 in FF room, spider webs found over the pipelines.  | Housekeeping required.  |  |  | Nov-18 | MSA | Operation        | CLOSED |  |
| 1783 | Small fence door near main entry gate is not properly closing.   | advised security staff to raise the issue with security in charge.  |  |  | Nov-18 | MSA | Security         | CLOSED |  |
| 1784 | Main distribution board/panel in front of workers mess is missing the signage.   | any in advert action could be fatal in absence of clear signage on the board.   |  |  | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1785 | Transformer lock issue near officer residence.   | lock should be rectified any reptile can sneak in and cause damage.   |  |  | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1786 | Light cover near colony water tank is broken   | need replacement  |  |  | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1787 | fence issue in front of LEL office , dog entry is seen from the area.  | On inquiry it was informed that RFQ is floated for rectification  |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1788 | LEL office safety sign on pole is faded away   | needs rectification   |  |  | Nov-18 | MSA | HSE              | CLOSED |  |
| 1789 | LEL office exhaust fan is badly fixed,   | Needed to be fixed properly   |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1790 | Zia reslienced door always open and damaged.   | Should be closed  |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1791 | Pit hole in front of club, should be filled at earliest.   | Gardens working their were advised to fill the pit hole   |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1792 | traffic sign board in colony is fallen away ,  | should be properly fixed.   |  |  | Nov-18 | MSA | HSE              | CLOSED |  |
| 1793 | Tree growing within the pole,  | should be trimmed before becoming reason for any short circuit  |  |  | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1794 | ceiling light in worker residence is hanging   | should be fixed before falling on some one  |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1795 | Electric board outside the worker mess is badly exposed to rain and not properly fixed,                                  | mess staff is advised to be careful using it.   |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1796 | light on the colony entry gate is improperly fixed may fall anytime..and could lead to an injury and damage              | security staff is advised to liaise with admin to rectify.  |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1797 | Loto was implemented for the PTW.s.  | Good Practice.  |  |  | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1798 | Due water seepage wall paint of communication room is removing   | Electrical section should check the drain of ac in room from fitting and admin section is advised to contact out the painting of ccr and admin floor. |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1799 | In library room the server has been found on the floor   | IT section is advised to properly place the server  |  |  | Nov-18 | MSA | IT               | CLOSED |  |
| 1800 | Cable routing is not proper for server   | IT section is advised to proper route the cable   |  |  | Nov-18 | MSA | IT               | Closed |  |
| 1801 | Stone found on the track of transformer 2  | Observation closed at site  |  |  | Nov-18 | MSA | Operation        | CLOSED |  |
| 1802 | Too much wild growth near intake stop log area can be cause of fire or catch fire  | it should be removed by gardeners   |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1803 | Buffers are installed on draft tube gantry crane   | Good Practice.  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1804 | Crush bags found back side of trash accumulated pit.   | these should be stored and barricaded properly,   |  |  | Nov-18 | MSA | Admin            | CLOSED |  |
| 1805 | Too much trash found near intake stop log insertion area of U-1  | It should be removed and temporary store into the trash accumulation pit  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1806 | Broken slabs has been replaced with new one  | Done at site  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1807 | Trash Accumulation pit has been constructed near assembly point 2  |   |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1808 | Light is not working in stair case area while going to elevation 255   | It should be replaced   |  |  | Nov-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1809 | Cigarette butt has been found on the top of the access door of elevation 265   | Observation closed at site  |  |  | Nov-18 | MSA | Operation        | CLOSED |  |
| 1810 | Paint need on the wall at elevation 265 in front of passenger elevator   | Good Practice.  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1811 | PPEs requirement was fulfilled by Contractor during work execution of emergency exit                                     | Good Practice.  |  |  | Nov-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1812 | At Ele.261 inventory of first Aid box found in-complete.   | Should get completed before any emergency.  |  |  | Nov-18 | MSA | HSE              | CLOSED |  |
| 1813 | At Ele.265 in server room panel door found out of order.   | Should get fixed before any damage done to wires inside panel.  |  |  | Nov-18 | MSA | IT               | CLOSED |  |

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| 1814 | At Ele.B1 an opening was observed at below emergency shutter.  | Should be closed at earliest before wires got damage by reptiles.  |              |    | Nov-18 | MSA | Electrical/C&I   | CLOSED |   |
| 1815 | At Ele.255 the inspection sticker of fire extinguishing cylinder was showing it is inspected 2 years back.   | Should be checked by concerned by department.  |              |    | Nov-18 | MSA | HSE              | CLOSED |   |
| 1816 | At Ele.265 inventory of first Aid box found in-complete.   | Should get completed before any emergency.   |              |    | Nov-18 | MSA | HSE              | CLOSED |   |
| 1817 | At Ele.245 the dust bin opening spindle was out of order, due to which we need to open it by hand.   | Should be fixed by the concerned section.  |              |    | Nov-18 | MSA | Admin            | CLOSED |   |
| 1818 | At Ele.255 in workshop there is an open switch not useable.  | Should be closed as it can cause electrical Hazard.  |              |    | Nov-18 | MSA | Electrical/C&I   | CLOSED |   |
| 1819 | At Ele.245 the dust bin was found full of trash and this dustbin was segregated for only cotton trash, but all type of trash was observed in it.   | Should be fixed by the concerned section.  |              |    | Nov-18 | MSA | Operation        | CLOSED |   |
| 1820 | At Ele.255 old office timings notice is still pasted on notice boards.   | Should be removed and new notice should be placed so that any visitor or vendor shouldn't be miss-guided.                          |              |    | Nov-18 | MSA | Admin            | CLOSED |   |
| 1821 | At Ele.261 inventory of first Aid box found in-complete.   | Should get completed before any emergency.   |              |    | Nov-18 | MSA | HSE              | CLOSED |   |
| 1822 | At Ele. 245, in WTP room the temperature gauge of AHU-O1A at the outlet supply was found out of order.   | Should be fixed by concerned section.  |              |    | Nov-18 | MSA | Operation        | CLOSED |   |
| 1823 | At Ele. 265 in CCR the FM-200 meter is showing drop in reading.  | Should be fixed by concerned section.  |              |    | Nov-18 | MSA | Operation        | CLOSED |   |
| 1824 | At Ele. 265 in CCR the fire extinguisher cylinder was found inspected on time.   | Good Practice  |              |    | Nov-18 | MSA | HSE              | CLOSED |   |
| 1825 | At Ele. 245 in electrical room 2 required isolation was observed, as mentioned on electrical permit on compressor system.  | Should be fixed by concerned section.  |              |    | Nov-18 | MSA | Electrical/C&I   | CLOSED |   |
| 1826 | Road blockers near Gate # 2, need proper paint. So, that they can be visible at night.   | Proper paint for the road blockers is required to avoid any serious accident.  | Gate No 9    | -  | Dec-18 | MSA | Admin            | CLOSED | - |
| 1827 | Wild growth was found behind the Guard room # 2, that can cause serious fire.  | Proper cleaning of area is required to avoid fire hazard   |              |    |        |     | Admin            | CLOSED |   |
| 1828 | At transformer deck near Transformer # 4, pit cover was found misplaced which can cause damage to the installed cables.  | Properly sized pit cover needed to be placed at the trench to avoid any damage to the installed equipment or electrocution hazard. |              |    |        |     | Electrical/C&I   | CLOSED |   |
| 1829 | Un necessary/un hygienic equipment found stored in the guard room # 2 washroom, causing serious health issue for the area owner.   | Material must be removed as soon as possible to avoid any hazard to workers health.  | Guard Room   | UC | Dec-18 | MSA | Security         | CLOSED |   |
| 1830 | Drain at the roof of the room, near diesel stored found choked which can cause damage to the civil structure.  | Drain must be cleared to avoid any damage to the civil structure of the room   |              |    |        |     | Mechanical/Civil | CLOSED |   |
| 1831 | Poor house keeping issue found near the smoking point at guard room # 2.   | House keeping must be made sure to avoid any serious fire hazard.  | Guard Room 2 | UC | Dec-18 | MSA | Admin            | CLOSED |   |
| 1832 | Cable conduit for the panel near intake stop log found damaged which can cause fire hazard.  | Proper conduiting for the cable must be done to any electrocution or fire hazard.  |              |    |        |     | Electrical/C&I   | Closed |   |
| 1833 | Wild growth was found near the outers of ACs at assembly point 2, which can cause damage to the equipment and serious electrocution hazard.  | Proper cutting and house keeping is required for the installed equipment.  |              |    |        |     | Admin            | CLOSED |   |
| 1834 | Door lock for the guard room # 2 found damaged which can cause entry of any unauthorized entry or bio hazard.  | Door closer must be installed to ensure the safety of working personnel.   | Guard Room 2 | UC | Dec-18 | MSA | Mechanical/Civil | CLOSED |   |
| 1835 | Cement was stored in the guard room # 2, which can cause serious damage to the health of personnel sitting in that room.   | Proper storage must be done for the cement to avoid any health issues for the team.  |              |    |        |     | Admin            | CLOSED |   |
| 1836 | At El. 259, DCP cylinder was found with remarks on tagged as "Hose pipe: Not OK" rendering it unfit for use in case of any fire in conference room that is under PTW by contractor for renovation works. | Needs to be replaced with healthy cylinder immediately.  |              |    |        |     | HSE              | CLOSED |   |
| 1837 | At El.245 in Machine Hall, platform ladder was found placed in front of Electrical panel.  | Moved aside to remove any hurdle in case of work on the panel.   |              |    |        |     | Electrical/C&I   | CLOSED |   |
| 1838 | At El.261, Door opening switch base found loose for the door exiting to Transformer Deck area.   | Need to be fixed.  |              |    |        |     | Electrical/C&I   | CLOSED |   |
| 1839 | At Switchyard area, pit found filled with water with a potential of trip hazard.   | Need to be covered with grating or filled with stone.  |              |    |        |     | operations       | CLOSED |   |
| 1840 | At transformer deck while stoplogs insertion, safety harness, slings and life jacket found placed on ground.   | Need proper storage/hanging to avoid any damage.   |              |    |        |     | Mechanical/Civil | CLOSED |   |
| 1841 | At Intake stop log area, material and trash was dumped.  | Needs to be removed.   |              |    |        |     | Mechanical/Civil | CLOSED |   |
| 1842 | At Intake stop log area, material dumped.  | Needs to be removed.   |              |    |        |     | Mechanical/Civil | CLOSED |   |
| 1843 | At intake stop log area, while stop logs insertion, working party observed complying with PPE,s as per nature of the job.  | Keep it up   |              |    |        |     | Mechanical/Civil | CLOSED |   |

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| 1844 | Contractors working on emergency exit observed carrying out painting job using full body harness and mask as per requirement of the job.  | Keep it up  |         |    |        |     | Mechanical/Civil | CLOSED |  |
| 1845 | Door lock of guard room no.1 found damaged.   | Needs to be fixed.  |         |    |        |     | Mechanical/Civil | CLOSED |  |
| 1846 | At Ele.261 inventory of first Aid box found in-complete.  | Should get completed before and emergency.  |         |    |        |     | HSE              | CLOSED |  |
| 1847 | At Ele.265 in server room panel door found out of order.  | Should get fixed before any damage done to wires inside panel.  |         |    |        |     | IT               | CLOSED |  |
| 1848 | At Ele.B1 an opening was observed at below emergency shutter.   | Should be closed at earliest before wires got damage by reptiles.   |         |    |        |     | Mechanical/Civil | CLOSED |  |
| 1849 | At Ele.227 a tool tray was observed beneath the stairs.   | Should be removed as it is not the designated place.  |         |    |        |     | Operation        | CLOSED |  |
| 1850 | At Ele.B1 the dustbin opening found broken.   | Proper House Keeping should be carried and broken dustbin should be replaced out by concerned section.      |         |    |        |     | Admin            | CLOSED |  |
| 1851 | At Ele.251 in TRCM park broken sign board found.  | Should be rectified at earliest by concerned section  |         |    |        |     | HSE              | CLOSED |  |
| 1852 | At Ele.255 in workshop there is an open switch not useable.   | Should be closed as it can cause electrical Hazard.   | El. 255 | UC | Dec-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1853 | At Ele.B1 working of DWS was checked in GIS.  | Found in good Working Condition.  |         |    |        |     | Electrical/C&I   | CLOSED |  |
| 1854 | At Ele.245 electrical team was working in confined area, rescuer was interviewed either he knows the scope of job or not.   | Rescuer was well aware of the job.  |         |    |        |     | Electrical/C&I   | CLOSED |  |
| 1855 | At Ele.B1 open wiring observed at Engineers table.  | It should be properly taped and bounded.  | El. 251 | UC | Dec-18 | MSA | Electrical/C&I   | CLOSED |  |
| 1856 | At Ele.245 opening near fire sprinkler observed. It can be hazardous  | Panel should be sealed.   |         |    |        |     | Mechanical/Civil | CLOSED |  |
| 1857 | At Central Control Room meter of FM-200 Gas is showing quiet less amount of gas is left, as the needle is approaching red section.  | Should be checked by Concerned Section  |         |    |        |     | Electrical/C&I   | CLOSED |  |
| 1858 | At Ele 245 the handle of compressor room was found broken.  | It should be amended because, it is used regularly and without the handle it is difficult to open the door. | El. 245 | UC | Dec-18 | MSA | Mechanical/Civil | CLOSED |  |
| 1859 | At Ele B1 scissor lift and different type of material was placed at unloading bay without any proper barrication.   | Area should be properly barricaded.   |         |    |        |     | Electrical/C&I   | CLOSED |  |
| 1860 | At Ele B1 at the door of Compressor room, broken door rubber was observed, it is also showing quiet messy look as its on main entrance of machine hall.,                            | Should be properly entacted.  |         |    |        |     | Mechanical/Civil | CLOSED |  |
| 1861 | At Ele B1 the chairs at Engineers Table were observed broken and quiet un-comfortable.  | Should be changed at earliest by concerned section  |         |    |        |     | Electrical/C&I   | CLOSED |  |
| 1862 | At Ele.245 in Charger 3 room, there is a panel opening which was observed, it can cause damage to cables, as sprinkler is just beneath it and reptiles can damage the cables.       | Should be properly sealed.  |         |    |        |     | Electrical/C&I   | CLOSED |  |
| 1863 | At Ele B1 in GIS room, the fire extinguisher was found sealed with some wire, in any emergency situation it will take time open the wire and can effect in late emergency response. | Should be checked by concerned section.   |         |    |        |     | HSE              | CLOSED |  |
| 1864 | At Control Room, Permit of EPS batteries Installation was checked.  | Proper Isolations were covered and scope of job was well defined.   |         |    |        |     | Electrical/C&I   | CLOSED |  |
| 1865 | At Ele.265 in server room there was some leakage, which was observed from AC.   | Should get fixed before it cause any electrical hazard.   | El.256  | UC | Dec-18 | MSA | IT               | CLOSED |  |
| 1866 | At CCR, a list of authorized person found not updated, after recent changes.  | Should be updated.  | CCR     | UC | Dec-18 | MSA | Operation        | CLOSED |  |
| 1867 | At CCR,The plant daily dash board found updated and completed.  |   |         |    |        |     | Operation        | CLOSED |  |
| 1868 | At Admin floor, the employee wall was found ruptured having quiet holes in it. As it is in main entrance of Plant, it gives a bad expression to visitors.                           | Should be fixed by concerned section.   |         |    |        |     | Admin            | CLOSED |  |
| 1869 | At Ele 251,the fire extinguiher found inspected in 2016.  | Should be verified by concerned section.  |         |    |        |     | HSE              | CLOSED |  |
| 1870 | Safety Signs at unloading bay are disengaged from board,  | needs rectification.  |         |    |        |     | HSE              | CLOSED |  |
| 1871 | Speaker at elevation 245 is completely covered with webs,   | hosukeeping required  | El. 245 | UC | Dec-18 | MSA | Operations       | CLOSED |  |
| 1872 | Required barrication carried out..  | Good Practice.  |         |    |        |     | Electrical/C&I   | CLOSED |  |
| 1873 | In BO/JBO room wodden plank is placed upthere at cable tray.  | Needs removal   |         |    |        |     | Operation        | CLOSED |  |

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| 1874 | Earth connection is broken at parking area  | needs rectification.   | Parking        | UC | Dec-18 | MSA | Electrical/C&I   | CLOSED |   |
| 1875 | Pole light is damaged in front of contractor residence  | needs rectification.   |                |    |        |     | Electrical/C&I   | CLOSED |   |
| 1876 | Ac out door unit is placed at ground in contractor living barracks.   | needs rectification.   |                |    |        |     | Electrical/C&I   | CLOSED |   |
| 1877 | Hanging ceiling light in worker residence may fall any time.  | Needs rectification.   | Housing Colony | UC | Dec-18 | MSA | Admin            | CLOSED | - |
| 1878 | colony FF pipe is palced on ground, rain and weather will torn (due to submersion in water after rain) the bag and ultimately pipe. Should be hanged.   | needs rectification.   |                |    |        |     | HSE              | CLOSED |   |
| 1879 | A cover is present near sewage room of colony,  | should be at proper place.   |                |    |        |     | Mechanical/Civil | CLOSED |   |
| 1880 | Area beneath Colony over head tank  | need housekeeping.   |                |    |        |     | Mechanical/Civil | CLOSED |   |
| 1881 | Safety contact was made with contractor working on emergency exit, advised workers to use gloves while handling loads.  | Workers were educated on pinch points and badly they can effect while handling loads. Worker were asked to use gloves for handling load            |                |    |        |     | Mechanical/Civil | CLOSED |   |
| 1882 | Emergency exit door for ccr has been properly sealed with polythene sheet and wooden frame  |  | CCR            | UC | Dec-18 | MSA | Mechanical/Civil | CLOSED |   |
| 1883 | Cable trench in machine hall fcovered with sheet  | Sheet needs to be removed as no water seepage found at that area   |                |    |        |     | Electrical/C&I   | CLOSED |   |
| 1884 | Trash found near accumulation pit   | ltrash should be accumulated in trash accumulation pit   |                |    |        |     | Mechanical/Civil | CLOSED |   |
| 1885 | Area near intake stop log area is not cleaned   | Area needs to be cleaned properly  |                |    |        |     | Admin            | CLOSED |   |
| 1886 | Poor houskeeping in washroom at elevation 255   | Mpos, brooms needs to be stored at designated area.  |                |    |        |     | Admin            | CLOSED |   |
| 1887 | Switch was unplugged how ever to tag was present there to identify the purpose of switch  | Tag should be present there so that no one can plug the switch .   |                |    |        |     | Operations       | CLOSED |   |
| 1888 | Proper hook is used for shifting of material to confined spaces by C&I section  | Good Practice  |                |    |        |     | Electrical/C&I   | CLOSED |   |
| 1889 | Worker is sitting on the pipe lines while working on governor motors  |  |                |    |        |     | Mechanical/Civil | CLOSED |   |
| 1890 | Ladder should be placed at designated area  |  |                |    |        |     | Electrical/C&I   | CLOSED |   |
| 1891 | Scaffolding erected for shifting of compressor from El:271 to El: 274 masl still present along monkey ledder.   | It should be removed immediately.  |                |    |        |     | Mechanical/Civil | CLOSED |   |
| 1892 | A scaffolding clamp found on scaffolding platform.  | Should be removed immediately.   |                |    |        |     | Mechanical/Civil | CLOSED |   |
| 1893 | Most of the slippers used for wudu are found on floor instead of shoes rack present @ El:265.   | Slippers should be placed in shoes rack  |                |    |        |     | Admin            | CLOSED |   |
| 1894 | A safety helmat found on floor at El: 271   | Should be removed immediately.   |                |    |        |     | Operations       | CLOSED |   |
| 1895 | Internet cables at El: 271 are not properly routed..  | Inter cable should be  |                |    |        |     | IT               | CLOSED |   |
| 1896 | Pictures in pictures gallery at EL 255 are little tilted.   | Pectures should be properly hanged.  |                |    |        |     | Admin            | CLOSED |   |
| 1897 | Door at the entrance of transformer dyke area found open.   | Door should be locked all the time and should be open only when needed.  |                |    |        |     | Operations       | CLOSED |   |
| 1898 | Good Practice observed during the lifting of stop activity, people were asked about different hazards of lifting. Full body harness & good awarness observed,   | Keep it up   |                |    | Jan-19 |     | Mechanical/Civil | CLOSED |   |
| 1899 | Harness was observed lying on the floor and there of potential of damage to this safety equipmetnt. People were educated about the risks of damaged harness resulting in leaving un attended. Harness was then taken nad hung at safe place.        | Keep it up   |                |    | Jan-19 |     | Mechanical/Civil | CLOSED |   |
| 1900 | It was observed during the operation of intake gantry than cable drum was unable to roll back the main supply cable, which might come on track and damage the insulation.   | Operator and attended were asked to take special care during operation to avoid the mishape of cable damage and electrification.                   |                |    | Jan-19 |     | Electrical/C&I   | CLOSED |   |
| 1901 | It was observed that water Gyser were installed inside the wasrooms in offcie building, it was also reported that due to malfuncion of thermostat steam was observed from the taps which means safety valve of Gyser is also faulty.                | It is serious safety risk it is suggested to periodic checks of gysers thermostat and safety valves to be part of maintenance.                     |                |    | Jan-19 |     | Admin            | CLOSED |   |
| 1902 | It was observed that rubber hose used for watering purpose was on the path of Assembly Point. Which may cause tripping during meergency situation. Gardners were educated about the issue and hose was removed from the path. <b>Closed at site</b> |  |                |    | Jan-19 |     | Admin            | CLOSED |   |
| 1903 | It was observed that sanction was taken to open the wicket gates of Unit-01, although the governor main pumps were operating but the leakage oil pumps were off which resulted in spillage of oil at 227, Oil was cleaned.                          | However there is major negligence as a whole , while givinng the sanction but forgetting to live the complete system. Mattter was reported to HSE. |                |    | Jan-19 |     | Operations       | CLOSED |   |

|      |  |  |                  |    |        |     |                  |        |           |
|------|--|--|------------------|----|--------|-----|------------------|--------|-----------|
| 1904 | Governor main pumps don't have the safety critical tags. Should be there.  | Please install tag   |                  |    | Jan-19 |     | Operations       | CLOSED |           |
| 1905 | Rusty chains and pad locks were observed, would be repalced. Potential to create problems during emergency when required to open/close the valve.  | It needs regular lubrication.  | Transformer Deck | UC | Jan-19 | MSA | Mechanical/Civil | CLOSED |           |
| 1906 | Left caution light of the Intake Gantry crane is not falshing , it was also observed travellign bell was also not sounding.  | Sould be rectified.  | Intake Side      | UC | Jan-19 | MSA | Electrical/C&I   | CLOSED | 10/3/2019 |
| 1907 | Choked drain behind parking, esthetically looks bad and in case of rain debris may travel and choke the main drain and cause further issues.   | should be cleared  |                  |    | Jan-19 |     | Admin            | CLOSED |           |
| 1908 | Flexible conduit of cable near Transformer 4 is damaged and drain is opened , damaged conduit may cause the cable insulation to direct weather effects and damage the cable further water can go in to the terminal block/box or connections causing short circuiting. | Conduite should be replaced  |                  |    | Jan-19 |     | Electrical/C&I   | CLOSED |           |
| 1909 | Full PPE compliance observed during C&I team work on excitation panel.   | Keep it up   |                  | GP | Jan-19 |     | Electrical/C&I   | CLOSED |           |
| 1910 | Full PPE compliance observed during Elect team work on cooling water motors.   | Keep it up   |                  | GP | Jan-19 |     | Electrical/C&I   | CLOSED |           |
| 1911 | Full PPE compliance and awareness observed during Mech team work on materail shifting.   | Keep it up   |                  | GP | Jan-19 |     | Electrical/C&I   | CLOSED |           |
| 1912 | Loto was implemented in the electrical room for the PTW.   | Keep it up   |                  | GP | Jan-19 |     | Electrical/C&I   | CLOSED |           |
| 1913 | C&I person was working in excitation panel & ensuring compliance of PPE.s.   | Keep it up   |                  | GP | Jan-19 |     | Electrical/C&I   | CLOSED |           |
| 1914 | Lot of cables for different equipment are not properly routed in admin office  | Should be routed properly  |                  | UC | Jan-19 |     | Electrical/C&I   | CLOSED |           |
| 1915 | Empty boxes are placed at the in admin office which .  | Should be removed  |                  | UC | Jan-19 |     | Admin            | CLOSED |           |
| 1916 | Plug was found out of the socket with out any tag.   | Tagging should be carried out  |                  | UC | Jan-19 |     | Electrical/C&I   | CLOSED |           |
| 1917 | Dust was found on the equipments of machine hall.  | needs house keeping.   |                  | UC | Jan-19 |     | Operations       | CLOSED |           |
| 1918 | No tag was observed on the braking plant of unit # 3. It was applied as per the protection of mechanical PTW.  | Should be applied  |                  | UC | Jan-19 |     | Operations       | CLOSED |           |
| 1919 | Electrical team was performing the Mechanical Characteristics test of GCB in Electrical Room # 03 and ensuring compliance to PPE,s and all safety requirements.However in JSA the step of racking out is not in detail.  | The activity and hazard related to them should be mentioned in detail. |                  | UC | Jan-19 |     | Electrical/C&I   | CLOSED |           |
| 1920 | Mechanical section was working in turbine housing at shaft seal/maintenance seal. Rescuer was ensuring all the safety requirements.  | Keep it up   |                  | GP | Jan-19 |     | Mechanical/Civil | CLOSED |           |
| 1921 | Technician from mechanical section was working at shaft seal inside turbine housing and compling all the safety requirements.  | Keep it up   |                  | GP | Jan-19 |     | Mechanical/Civil | CLOSED |           |
| 1922 | HVAC pumps are not included in the safety critical list which should be included. AS the make up pump fire fighting take supply from HVAC pumps  | HVAC pump should be included in safety critical list                   | El. 245          | -  | Jan-19 | MSA | HSE              | CLOSED |           |
| 1923 | Contractor laborer was doing drilling job without wearing the ear plug, glasses. C&I Technician was observed working in turbine housing without wearing the helmet.  | Observation closed at the spot and communicated to their supervisor    |                  | UA | Jan-19 |     | Mechanical/Civil | CLOSED |           |
| 1924 | Around 10:50 A drill machine switch was jointed with extension wires in unsafe manner which was causing the electrocution hazard   | Proper plug should be used   |                  | UC | Jan-19 |     | Mechanical/Civil | CLOSED |           |
| 1925 | It was observed that cotton rags were interested in pipeline of U#4 bearing oil system to stop the oil leakage instead of using a proper dead plug after removal of bi-metal temperature gauge   | Needed Housekeeping  |                  | UC | Jan-19 |     | Mechanical/Civil | CLOSED |           |
| 1926 | 4- It was observed that Contract's laborer threw all waste near gate No. 9 generated from renovation of conference room.   | It should be thrown in government designated are                       |                  | UC | Jan-19 |     | Mechanical/Civil | CLOSED |           |
| 1927 | Unnecessary barricading was applied at the door of electrical room 4.  | Remove unnecessary   |                  | UC | Jan-19 |     | Mechanical/Civil | CLOSED |           |
| 1928 | It was observed that part 3 of JSA regarding information to the employees was not properly filled and signed by working party.   | JSA should be carefully filled   |                  | UC | Jan-19 |     | Mechanical/Civil | CLOSED |           |
| 1929 | Covers of confined spaces i.e. bulb nose and turbine housing were found open during Namaz and tea breaks.  | All cover should be closed during breake time                          |                  | UC | Jan-19 |     | Electrical/C&I   | CLOSED |           |
| 1930 | Around 15:40 it was observed that Mechanical section started the work on cooling water system without verification of LOTO.  | CP should varify the all isolation again the PTW.                      |                  | UC | Jan-19 |     | Mechanical/Civil | CLOSED |           |

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| 1931 | Around 16:00 hrs. it was observed that mechanical section installed a coupling with the drain line to inject the pressurized air to open the blocked pipeline, but this activity was not covered in JSA | All activities should be included in JSA , so that safety precaution can be adopted | El. 245 | UC | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1932 | Laborers observed working at tailrace without wearing the safety shoes.<br>C&I helper was observed without goggle while cleaning the panel of unit 1 with blower.                                       | Observation closed at the spot and communicated to their supervisor                 |         | UA | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1933 | Improper cable routing of light was observed while rectifying the water-water cooler.   | Cable should be safety routed   | El. 227 | UA | Jan-19 |  | Electrical/C&I   | CLOSED |  |
| 1934 | Electrical session was working on Electrical Brake panel in electrical room 1 in front of the entrance door which was not barricaded.   | Always barricade the working area   | El. 245 | UA | Jan-19 |  | Electrical/C&I   | CLOSED |  |
| 1935 | Some planks were stored in front of the entrance gate at El. 227 and area was not barricaded  | Always barricade the working area   | El. 245 | UC | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1936 | It was observed that second CP of mechanical section working in draft tube have not signed on permit.   | All required areas of PTW should be filled  |         | UA | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1937 | Contractor working in conference room was doing painting job without adequate ventilation arrangement resultantly paint smell has spread in the adjacent office floor.                                  | Air blower should be in operation while doing paint job                             |         | UA | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1938 | Some scaffolding material were observed blocking access to the scaffolding platform inside draft tube intake side creating tripping hazard  | passage way should be clear from any obstruction                                    |         | UC | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1939 | During blackout situation, it was observed that some people were passing very long instructions on walkie talkie sets which should be avoided   | only short messages should be conveyed on walkie talkie sets                        |         | UA | Jan-19 |  | Operations       | CLOSED |  |
| 1940 | Some people were observed going up stair without holding the railing  | Always keep 3 point contact in mind   |         | UA | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1941 | It was observed that during dismantling of scaffolding from draft tube U#1, scaffold have not engaged the harness with the fix source.  | Always engage harness with the rigid source   |         | UA | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1942 | Some people were observed working without wearing the safety glasses.   | Observation closed at the spot and communicated to their supervisor                 |         | UA | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1943 | Slip hazard was observed due to bad housekeeping during recharging of deionized water in cooling water system of U#1.   | Housekeeping required   |         | UC | Jan-19 |  | Electrical/C&I   | CLOSED |  |
| 1944 | MSDS of grease was not attached with the permit of inspection of underwater parts.  | All document related to the PTW should be available at site                         |         | UA | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1945 | Empty bottles were observed at machine hall which should be removed from there to maintain the housekeeping of the area.  | Housekeeping required   |         | UA | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1946 | During lower of lifting device at U#1 draft tube, one laborer was using the harness hook as a hammer on hatch cover.  | Always use right tools  |         | UA | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1947 | A laborer was observed carried tools in hand while coming out from draft tube of U#1 through ladder   | Observation closed at the spot and communicated to their supervisor                 |         | UA | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1948 | A mechanical technician was observed using grease on draft tube window without wearing the rubber gloves  | Observation closed at the spot and communicated to their supervisor                 |         | UA | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1949 | Two C&I technicians were observed doing testing of mechanical alarm of deluge system without wearing the ear plug   | Observation closed at the spot and communicated to their supervisor                 |         | UA | Jan-19 |  | Electrical/C&I   | CLOSED |  |
| 1950 | It was observed that some people have been entered the barricaded area of draft tube side opening of U#1 during deluge annual testing.  | Respect the barricading   |         | UA | Jan-19 |  | Electrical/C&I   | CLOSED |  |
| 1951 | It was observed that lock applied on chain of deluge valve of U#1 got stuck due to rusting and was opened with force using spanner  | Frequent lubrication is required  |         | UC | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1952 | A dust bin placed at El 227, was found filled with cotton rags need disposal on priority  | Housekeeping required   |         | UC | Jan-19 |  | Operations       | CLOSED |  |
| 1953 | A worker holding tag line to guide load during lifting was observed very close to the lifted load, which is not safe practice.  | Lenth of tag line should be increased   |         | UA | Jan-19 |  | Mechanical/Civil | CLOSED |  |
| 1954 | A compressed air hose was observed fixed with single jubilee clamp not adequate enough to secure the hose.  | More clamps are required to properly fix the air pipe.                              |         | UA | Jan-19 |  | Mechanical/Civil | CLOSED |  |

|      |   |   |                  |    |        |     |                  |        |  |
|------|---|---|------------------|----|--------|-----|------------------|--------|--|
| 1955 | Due to wet surface around the draft tube opening there was potential slip hazard. Area was immediately cleaned and dried to prevent any slip.   | Caution sign also displayed to alert employees.   |                  | UC | Jan-19 |     | Mechanical/Civil | CLOSED |  |
| 1956 | A contractor worker was observed doing cutting of floor in conference room using cutting disc wearing only goggles instead of face shield.  | Activity was stopped till provision of face shield.   |                  | UA | Jan-19 |     | Mechanical/Civil | CLOSED |  |
| 1957 | Head bump hazard at the entrance to the draft tube, and through runner causing head collision while passing through,  | caution sign should be displayed for awareness to keep low.                                   |                  | UC | Jan-19 |     | Mechanical/Civil | CLOSED |  |
| 1958 | A laborer was observed carried tools in hand while coming out from draft tube of U#1 through ladder   | Hands should be free while climbing the ladder  |                  | UC | Jan-19 |     | Electrical/C&I   | CLOSED |  |
| 1959 | A Contractor's driver was observed driving the truck without wearing the seat belt while parking the transformer oil dehydration unit at transformer deck.  | Observation closed at the spot and communicated to their supervisor                           |                  | UA | Jan-19 |     | Electrical/C&I   | CLOSED |  |
| 1960 | Two mechanical technicians were observed walking under the man lifting cage during greasing of regulating ring of U # 3.  | Do not enter into the barricaded area   |                  | UA | Jan-19 |     | Mechanical/Civil | CLOSED |  |
| 1961 | Oil spillage was observed at El. 227 due to leakage in pressure switch of bearing oil tank of Unit # 1.   | Should be rectified   |                  | UC | Jan-19 |     | Mechanical/Civil | CLOSED |  |
| 1962 | Two Contractor laborers were observed without wearing the ear plugs while doing the dehydration of transformer oil of U # 3.  | Observation closed at the spot and communicated to their supervisor                           |                  | UA | Jan-19 |     | Mechanical/Civil | CLOSED |  |
| 1963 | Bad housekeeping was observed at El. 245 due to movement of old equipment and extra pipes.  | Need housekeeping.  |                  | UC | Jan-19 |     | Operations       | CLOSED |  |
| 1964 | It was observed that chain link fence used to barricade the confined space opening was routed in such a way that it was creating an entanglement hazard leading to tipping at turbine housing side (U # 2).       | Should be rectified   |                  | UC | Jan-19 |     | Mechanical/Civil | CLOSED |  |
| 1965 | It was noticed that a confined space rescuer deputed for draft tube of U # 2 was found away from confined space access opening.   | Rescuer should always be available  |                  | UA | Jan-19 |     | Mechanical/Civil | CLOSED |  |
| 1966 | It was noticed that some crew members were not using the chin strap while climbing the ladder of confined spaces.   | Always use chin strap   |                  | UC | Jan-19 |     | Electrical/C&I   | CLOSED |  |
| 1967 | A contractor laborer was using the grinder without safety guard during renovation work of conference room.  | Work stopped , Installed the safety guard and work recommence                                 |                  | UA | Jan-19 |     | Mechanical/Civil | CLOSED |  |
| 1968 | It was observed that aluminum strip has been dislocated from one step of stair well leading to the El. 227.   | Should be rectified   |                  | UC | Jan-19 |     | Mechanical/Civil | CLOSED |  |
| 1969 | It was observed that one contractor laborer was walking on scaffolding pipes in draft tube of U # 2.  | Observation closed at the spot and communicated to their supervisor                           |                  | UA | Jan-19 |     | Mechanical/Civil | CLOSED |  |
| 1970 | Mechanical team took the permit on Shaft Seal Filter, no barricading was performed, which can cause unauthorized entry which can lead to serious slip/trip hazard.  | Proper barricading should be performed to avoid any unauthorized entry.                       | El. 245          | UC | Feb-19 | MSA | Mechanical/Civil | CLOSED |  |
| 1971 | Trench cover was found open outside the workshop near the parking shed which was causing serious trip hazard.   | Trench cover must be closed after performing required job to avoid serious trip hazard.       | El. 255          | UC | Feb-19 | MSA | Operation        | CLOSED |  |
| 1972 | The scaffolding erected outside the workshop area for the installation of lifting mechanism on which ladder was tied off by using rope which is not up to standard and cause serious accident if rope got failed. | Ladder must be hanged with some proper hook to avoid any accident.                            | El. 255          | UC | Feb-19 | MSA | Mechanical/Civil | CLOSED |  |
| 1973 | Poor housing keeping was observed near the outers of HVAC equipment installed outside the workshop area.  | Area must be cleaned properly so that maintenance for the installed equipment can be reduced. | El. 255          | UC | Feb-19 | MSA | Mechanical/Civil | CLOSED |  |
| 1974 | Entry sheet for the confined space was present with the Permit and no supervision was there by the section. Entry sheet can be misused and cause serious accident.  | Entry sheet must be took by the concerned as per the SOP so that it can not be mis used.      | El. 245          | UC | Feb-19 | MSA | Mechanical/Civil | CLOSED |  |
| 1975 | Cigarette buds were found on the floor which were causing poor hygienic condition.  | Proper house keeping should be performed to avoid such unhygienic conditions.                 | El. 255          | UC | Feb-19 | MSA | Operation        | CLOSED |  |
| 1976 | Proper barricading was performed by the contractor who is working on the building of Mosque.  | -   | Colony           | GP | Feb-19 | MSA | Mechanical/Civil | CLOSED |  |
| 1977 | No long shoes were used by the contractor as per recommendation in the JSA.   | Proper long shoes should be used by the contractor to avoid bio hazards.                      | Colony           | UC | Feb-19 | MSA | Mechanical/Civil | CLOSED |  |
| 1978 | Near the excavation no barricading was performed which can cause serious slip/trip hazard.  | Near the excavation proper barricading must be performed as a caution.                        | Colony           | UC | Feb-19 | MSA | Mechanical/Civil | CLOSED |  |
| 1979 | Contractor's man power was bending the iron lengths not as per standard which can cause serious personal injuries.  | Some proper mechanism should be used for bending of iron lengths to avoid back injuries.      | Colony           | UA | Feb-19 | MSA | Mechanical/Civil | CLOSED |  |
| 1980 | At Assembly point near fountain, PABX cable laying is in progress with area properly barricaded and working party complying with PPE's.   | -   | Assembly point 1 | GP | Feb-19 | MSA | Electrical/C&I   | CLOSED |  |
| 1981 | At housing colony mosque construction area, area was properly barricaded by working party to prevent any unauthorized entry.  | -   | Colony           | GP | Feb-19 | MSA | Mechanical/Civil | CLOSED |  |



|      |  |  |                |    |        |     |                  |        |  |
|------|--|--|----------------|----|--------|-----|------------------|--------|--|
| 1982 | At EI.261, Door opening switch base found loose for the door exiting to Transformer Deck area.   | Need to be fixed   | EI. 261        | UA | Feb-19 | MSA | Electrical/C&I   | CLOSED |  |
| 1983 | At housing colony mosque construction area, working party was observed showing appropriate PPE's compliance  | -  | Colony         | GP | Feb-19 | MSA | Mechanical/Civil | CLOSED |  |
| 1984 | At EI.270, cable was found with protective insulation deteriorated   | Needs proper fixing  | EI. 270        | UC | Feb-19 | MSA | Electrical/C&I   | CLOSED |  |
| 1985 | At EI.270, Electrical team observed using appropriate PPE's while laying cable for light installation for emergency exit.  | -  | EI. 270        | GP | Feb-19 | MSA | Mechanical/Civil | CLOSED |  |
| 1986 | At housing colony, behind wokers residence, distribution cabinet door found open and door handle was faulty.   | Needs to be fixed  | Colony         | UC | Feb-19 | MSA | Admin            | CLOSED |  |
| 1987 | At housing colony, behind wokers residence,volley ball court has inappropriate boundary marking with brick crush raising serious injury potential  | Needs to be removed.   | Colony         | UC | Feb-19 | MSA | Electrical/C&I   | CLOSED |  |
| 1988 | At housing colony, proper barrication was done around area of trench excavation for 11kV cable laying project.   | -  | Colony         | GP | Feb-19 | MSA | Electrical/C&I   | CLOSED |  |
| 1989 | At housing colony, third party was observed complying with complete PPE's while working on trench excavation project,  | -  | Colony         | GP | Feb-19 | MSA | Electrical/C&I   | CLOSED |  |
| 1990 | Cement on the earthing bar in Fire Fighting room has been observed damaged.  | Necessary repair is need to be done.   | EI. 270        | UC | Feb-19 | MSA | Mechanical/Civil | CLOSED |  |
| 1991 | Equipment Lying besides NBE gates is not being looked after properly, wild growth is observed all around the equipment.  | Equipment need to be maintained and kept properly and vegetation should be removed.                  | NBE gates      | UC | Feb-19 | MSA | Operation        | CLOSED |  |
| 1992 | Lawn at NBE gates is not properly maintained, have vegetation as well as housekeeping issues.  | Measures need to be taken to improve the lawn outlook.   | NBE gates      | UC | Feb-19 | MSA | Operation        | CLOSED |  |
| 1993 | A Fence gate to NBE Gate Lawn found damage/missing , serious potential of animal entry into the are a leading to some incident.  | Gate should be rectified on priority basis.  | NBE gates      | UC | Feb-19 | MSA | Admin            | CLOSED |  |
| 1994 | General Housekeeping infront of NBE gate entrance is not upto the mark.  | Wild growth and other waste should be removed on regular basis.                                      | NBE gates      | UC | Feb-19 | MSA | Operation        | CLOSED |  |
| 1995 | No proper fuse link is installed on 11 kv line at NBE Gates, instead a tungston wire is being used for the purpose.  | Needful need to be done.   | NBE gates      | UC | Feb-19 | MSA | Operation        | CLOSED |  |
| 1996 | A metering box on 11 KV line at NBE gates is found in very detoraited condition..  | Need necessary repair or replacement   | NBE gates      | UC | Feb-19 | MSA | Electrical/C&I   | CLOSED |  |
| 1997 | A cable trench was found covered with bricks in NBE control room.  | A proper covering should be provided for cable trench.   | NBE gates      | UC | Feb-19 | MSA | Operation        | CLOSED |  |
| 1998 | Water dispensor found without water bottle at NBE gates. No drinking water was available in the area for staff on duty. .  | Timely provision of drinking water should ensured  | NBE gates      | UC | Feb-19 | MSA | Admin            | CLOSED |  |
| 1999 | An open drain creating Trip/ Fall hazard in the NBE area.  | Open drain should be covered to mitigate the fall hazard   | NBE gates      | UC | Feb-19 | MSA | Operation        | CLOSED |  |
| 2000 | A scissor was missing in the First Aid Box at EI 271.  | First Aid Box to be keptupdated with all required contents.  | NBE gates      | UC | Feb-19 | MSA | HSE              | CLOSED |  |
| 2001 | Some materials were found scattered in NBE area,   | Materials need to be properly stored and necessary signage should be displayed for temporary storage | NBE gates      | UC | Feb-19 | MSA | Mechanical/Civil | CLOSED |  |
| 2002 | A Security guard room window was found damaged, covered with card boards.  | Window need to be repaired.  | NBE gates      | UC | Feb-19 | MSA | Security         | CLOSED |  |
| 2003 | Poor Housekeeping observed in Officer Club Table Tennis Room and Snooker room.   | -  | Officer Club   | UC | Feb-19 | MSA | Admin            | CLOSED |  |
| 2004 | It was observed that gardening staff has climbed on the SAMBU Barraks roof using a short length ladder creating serious potential of fall from height. No supervision was available, it was serious non compliance to the JSA for the activity in which clear instructions were mentioned how to use ladders safely. Activity was stopped. | -  | Sambu Barricks | UC | Feb-19 | MSA | Admin            | CLOSED |  |
| 2005 | Ss implemented in CCR  | -  | CCR            | UC | Feb-19 | MSA | Admin            | CLOSED |  |
| 2006 | Electrical team carried out proper housekeeping after completing his work  | -  | EI. 259        | GP | Feb-19 | MSA | Electrical/C&I   | CLOSED |  |
| 2007 | CCR is keeping opeartions check sheet temorarily in boxes.   | Recommendation the records/ check sheets needs to be stored properl                                  | CCR            | UC | Feb-19 | MSA | Operation        | CLOSED |  |
| 2008 | The wooden rack on store for keeping files are not fixed and files might fall down during vibration  | Should be fixed  | CCR            | UC | Feb-19 | MSA | Operation        | CLOSED |  |
| 2009 | The glass of almirah in the library found broken would become cause of any injuryRecommendation: Needs to be insulated.  | Should be fixed  | CCR            | UC | Feb-19 | MSA | Operation        | CLOSED |  |
| 2010 | Barrication tape was found lying on the floor with out any tag needs to be removed.  | Should be removed  | CCR            | UC | Feb-19 | MSA | Operation        | CLOSED |  |

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|------|---|---|-----------------------|-----------|--------|-----|------------------|--------|-----------|
| 2011 | The scaffolder working erecting the scaffolding for lifting mechanism wearing the harness but he hadnt anchor the harness.  | It was advised to him anchor harness properly while erecting scaffolding  | El.255                | UC        | Feb-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2012 | Cigarette butt was found lying on the floor near smoking area   | Observation closed at site  | El.255                | UC        | Feb-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2013 | The bottom plate of smoking ash bin was found missing , most of trash was found on the floor.   | It needs to be repaired or replaced   | El.255                | UC        | Feb-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2014 | SZS staff observed without PPEs ,   | New PPEs should be issued to them   | -                     | UA        | Feb-19 | MSA | Admin            | CLOSED |           |
| 2015 | Site office Electric Panel on off Switch out of order   |   |                       |           |        |     |                  |        |           |
| 2016 | fire extinguishers at security guard rooms 1 & 2 need to be refilled.   | Replace with new one  | El.255                | UC        | Mar-19 | DLC | HSE              | CLOSED |           |
| 2017 | Isolation form was properly filled by operations teams  | Keep it up  | CCR                   | GP        | Apr-19 | MSA | Operations       | CLOSED |           |
| 2018 | HVAC pump cable conduit found damaged   | should be properly routed in cable tray or conduit should be replaced.  | El. 255<br>HVAC Units | UC        | Apr-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2019 | Sanction certificate was given to concern section and sanction tag is also present on the lock.   | Keep it up  | CCR                   | GP        | Apr-19 | MSA | Operations       | CLOSED |           |
| 2020 | The unattended and barricaded I beams were found on the floor.  | Should be stored properly   | El. 255<br>HVAC Units | UC        | Apr-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2021 | Scaffolding material and wooden planks were found on the floor near hvac pump area,   | should be removed and stored  | El. 255<br>HVAC Units | UC        | Apr-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2022 | Cable trays were found unattended ,   | needs to be stored properly.  | El. 255<br>HVAC Units | UC        | Apr-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2023 | HVAC pump and panel cables found jumbled,   | need to be routed properly in cable tray  | El. 255<br>HVAC Units | UC        | Apr-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2024 | Outlet NRV of HVAc are found rusty ,  | these should be painted.  | El. 255<br>HVAC Units | UC        | Apr-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2025 | Dinning table and chair were placed at the unloading bay unattended.  | Material should be stored at proper place to avoid house keeping issues.  | El. 251               | UC        | Apr-19 | MSA | Admin            | CLOSED |           |
| 2026 | Old Conference Room scrap stored at the unloading bay since long which is causing serious house keeping issue.  | Scrap should be stored or dump properly to avoid house keeping issue.   | El. 251               | UC        | Apr-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2027 | C&I team was found working at Unit#2, PPE's compliance was 100% and barricading was done as mentioned in the ISA.   | Good Work, Keep it up   | -                     | GP        | Apr-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2028 | Passenger elevator got malfunctioned and passengers got stuck in the elevator. CCR was informed about the situation and Near Miss was also reported.                      | Proper maintenance of Passenger Elevator is required to avoid such issues or any critical incident.   | El. 245               | Near Miss | Apr-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2029 | Drain pipe installed for the AC of Guard Room 1 found damaged and misaligned.   | Issue must be rectified to avoid slip/trip hazard at the pathway.   | Security office       | UC        | Apr-19 | MSA | Electrical/C&I   | CLOSED | 25/5/2019 |
| 2030 | Metal sheets installed along the sides of 11KV transformer found misplaced/misaligned which can cause short circuit by any stray animal.                                  | Transformer must be secured to avoid any damage to its integrity by short circuit.  | El. 259               | Near Miss | Apr-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2031 | Door of the room where FK Circuit Breaker installed found opened. It may be because of damaged lock.  | Door must be kept closed to avoid any unauthorized entry or damage to the installed equipment by any stray animal   | Out Side the Plant    | UC        | Apr-19 | MSA | Operation        | CLOSED |           |
| 2032 | At NBE Gates Control Room, proper sealing of floor is required to avoid damage to the installed equipment by reptiles.  | Proper sealing must be performed to avoid entrance of reptiles from the floor.  | NBE gates CCR         | UC        | Apr-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2033 | At NBE Gates Control Room, lock of the door found broken. Because of that issue, door can't be locked properly and it may cause damage to the EPS batteries.              | Door must be locked properly, so that temperature of the room can be kept optimum. And EPS batteries are placed in front of that so they are also under risk. | NBE gates CCR         | UC        | Apr-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2034 | At colony, during the construction of mosque Contractor was working without using the gloves and mask.  | PPE's compliance should be checked for the contractor to avoid any health issue.  | Colony                | UA        | Apr-19 | MSA | LEL Civil        | CLOSED |           |
| 2035 | At colony, during the construction of mosque area was not properly barricaded.  | Area must be properly barricaded so that caution can be provided for the persons who are moving nearby to avoid any injury.                                   | Colony                | UC        | Apr-19 | MSA | LEL Civil        | CLOSED |           |
| 2036 | At colony, scaffolding was erected for the construction of mosque but one of pipe was kept lower enough it may hit to anyone who were using that passage for the working. | Scaffolding must be inspected by the HSE. And pipes should be installed at some suitable height so that it may not cause any injury.                          | Colony                | UC        | Apr-19 | MSA | LEL Civil        | CLOSED |           |
| 2037 | During the construction of mosque material was stored randomly without any barricading which may cause damage to the working team as it was causing serious trip hazard.  | Material must be stored properly within the barricading so that it may not cause any hazard.  | Colony                | UC        | Apr-19 | MSA | LEL Civil        | CLOSED |           |
| 2038 | Poor house keeping was observed inside the Guard Check post at the Residence Entrance.  | Proper house keeping must be performed to avoid any hygienic issue for the staff on the duty.   | Colony                | UC        | Apr-19 | MSA | Security         | CLOSED |           |
| 2039 | Fan installed inside the Guard Check post at the Residence Entrance found dirty.  | Fan must be cleaned properly to avoid any hygienic issue for the staff on the duty.   | Colony                | UC        | Apr-19 | MSA | Admin            | CLOSED |           |
| 2040 | Guard Check post at the Residence Entrance has mirror installed on the slider found damaged which may cause serious cut to the person on duty.                            | Mirror should be replaced to avoid any serious injury.  | Colony                | UC        | Apr-19 | MSA | Security         | CLOSED |           |
| 2041 | Police Checkpoint at the Residence Entrance has mirror installed on the side of the window found damaged which may cause serious cut to the person on duty.               | Mirror should be replaced to avoid any serious injury.  | Colony                | UC        | Apr-19 | MSA | Security         | CLOSED |           |

|      |  |  |                   |    |        |     |                  |        |           |
|------|--|--|-------------------|----|--------|-----|------------------|--------|-----------|
| 2042 | Baricade not done during construction of mosque  | Area should be barricaded  | Colony            | UA | Apr-19 | MSA | LEL Civil        | CLOSED |           |
| 2043 | Poor house keeping observed during mosque contruction, staff was advised to clear area.  | Housekeeping should be carried out   | Colony            | UA | Apr-19 | MSA | LEL Civil        | CLOSED |           |
| 2044 | Discussion was made with mechancial staff regarding dismantling of scaffolding and its safety aspects during work                          | Good Practice , Keep it up   | Near Asseb. Point | GP | Apr-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2045 | PTW issuance was observed for WTP and proper isolation was conformed with operations and maintenance staff.                                | Good Practice , Keep it up   | CCR               | GP | Apr-19 | MSA | Operations       | CLOSED |           |
| 2046 | Exhaust fan installation in SZS Barricks found very unsafe   | Needs to be properly fixed   | SZS Barricks      | UC | Apr-19 | MSA | Admin            | CLOSED |           |
| 2047 | Door of SZS barricks found damages and there is a potential of bio hazards entrance from this area   | Door should be replaced, as snake seeason is arrived and 2-3 snake site has already been reported  | SZS Barricks      | UC | Apr-19 | MSA | Admin            | OPEN   | 15/7/2019 |
| 2048 | April 24, 2019 Due to heavy storm, the RTU duct cover fell down at transformer deck area. It may have injured any one working in that area | Duct should be rectified and frequent inspection is needed.  | Transformer Deck  | UC | Apr-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2049 | A flange couple was found on the panel infront of unit 3.  | Should remove or purpose should be clear   | El.245            | UC | Apr-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2050 | Cable of oil filtration plant was found jumbled up at EL. 245.   | Wire should be properly rolled   | El.245            | UC | Apr-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2051 | Permannet light needs to be installed at intake gantry crane area  | Permanenet light should be installed in drainage pits  | El. 227           | UC | Apr-19 | DLC | Electrical/C&I   | OPEN   | 15/7/2019 |
| 2052 | Location of Limit switch of draft tube gantry crane is not proper  | Limit switch of draft tube gantry crane needs to be relocated or need to be operated before.   | El. 259           | UC | Apr-19 | DLC | Electrical/C&I   | CLOSED |           |
| 2053 | LED installed outside the guard room was not working properly  | should be rectified  | Near Guard Room   | UC | Apr-19 | DLC | HSE              | CLOSED |           |
| 2054 | During visit of KPID wall was observed that many workers were not using the PPEs   | Work stopped immediately and rectify the issue at spot   | KPID Wall         | UA | Apr-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2055 | Housekeeing stair well of U4 side was not up to mark   | Housekeeping required  | Stairwell         | UC | Apr-19 | MSA | Operations       | CLOSED |           |
| 2056 | Chain locks were found open in water treatment plant and custodian was not available at site.  | Concerned person should be available at site   | El. 245           | NM | Apr-19 | MSA | Operations       | CLOSED |           |
| 2057 | A fire extinguisher used at the roof was found without inspection  | Card should be available with all fire extinguishers   | El. 274           | UC | Apr-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2058 | A worker was found without safety shoes while working in the construction of mosque  | Immdiately advised to wear safty shoes   | Colony            | UA | Apr-19 | MSA | LEL Civil        | CLOSED |           |
| 2059 | Scaffolding found without tag in colony  | Inspection should be carried out   | Colony            | UC | Apr-19 | MSA | LEL Civil        | CLOSED |           |
| 2060 | Waste bin was filled with trash  | Should be removed  | El. 255           | UC | Apr-19 | MSA | Operations       | CLOSED |           |
| 2061 | Mechanical Crew was working on installation of anchor points of 30 TON overhed crane.  | Keep up the good work  | El. 255           | GP | Apr-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2062 | Wild growth observed at El. 255  | Area should be clear   | El. 255           | UC | Apr-19 | MSA | Operations       | CLOSED |           |
| 2063 | Gardener was observed on motobike without wearing the helmet.  | Helmet should be used while ddriving the bike  | Near LEL Office   | UC | Apr-19 | MSA | HSE              | CLOSED |           |
| 2064 | Slipery surface was observed near entrance door of admin floor   | Water should be removed and floor should be dry  | El. 261           | UC | Apr-19 | MSA | Operations       | CLOSED |           |
| 2065 | Unsafe extension lead was observed in visitor room.  | Should be changed at earliest by concerned section   | El. 255           | UC | Apr-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2066 | Wild growth observed at roof top of NBE gates CCR.   | Area should be clear   | CCR NBE Gates     | UC | Apr-19 | DLC | Admin            | CLOSED |           |
| 2067 | Oil leakage was observed from Mechanical section store near deep well pumps , that is creating slip hazard                                 | Leakage should be clear  | Outside Workshop  | UC | Apr-19 | DLC | Mechanical/Civil | CLOSED |           |
| 2068 | Mosquitoes killer chemical should be sprayed in Colony & plant premises  | Fumigation should be done  | Colony            | UC | Apr-19 | DLC | Admin            | CLOSED |           |
| 2069 | Drilling machine was found unattended as it was connected with the socket.   | Such equipment should not be left unattended as any unauthorized person can use the equipment.   | El. 271           | UC | May-19 | MSA | P&E              | CLOSED |           |
| 2070 | Fire extinguisher was found missing from designated area at El.270. To full fill the requirement of JSA, one should not remove             | Fire Extinguisher from respective area but one should borrow from warehouse or HSE for respective activity. So that fire extinguisher can be taken in case of emergency from that respective area. | El. 271           | UC | May-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2071 | In Elevator Room, at El.270 poor house keeping was observed.   | House keeping should be performed properly to avoid maintenance problem for the installed equipment.   | El. 271           | UC | May-19 | MSA | Operations       | CLOSED |           |
| 2072 | While installation of new Fire Pump at El.270, area was properly barricaded to avoid any unauthorized entry.                               | Good Work  | El. 271           | GP | May-19 | MSA | Operations       | CLOSED |           |
| 2073 | Conduit installed for Fuel Tank of Power House DG found rusted which can cause damage to the cable laid inside it.                         | Conduit must be replaced to avoid any damage to the equipment  | Transformer Deck  | UC | May-19 | MSA | Electrical/C&I   | OPEN   | 15/7/2019 |
| 2074 | Inside Water Treat Plant, Steel bars are anchored in the wall to support pipe line of HVAC. Serious concrete degradation found around it.  | Issue should be addressed to avoid any damage to the installed equipment.  | El.245            | UC | May-19 | MSA | Mechanical/Civil | CLOSED |           |

|      |   |   |                  |    |        |     |                  |        |           |
|------|---|---|------------------|----|--------|-----|------------------|--------|-----------|
| 2075 | In machine hall, hatch covers are properly sited and they are causing serious tripping hazard.  | Hatch covers must be properly sited or may covered with masking tape as a cautions for the persons walking near them. | El.245           | UC | May-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2076 | For Unit#3, inside turbine housing installed light found fused, that was causing serious hazard for the persons who were using monkey ladder to access turbine housing. | Light must be rectified so that required lumination is available for the working team.                                | El.245           | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2077 | Fire extinguisher installed inside the HIACE was found without inspection.  | It must be inspected so that its healthiness can be checked and can be used in case of emergency.                     | El.245           | UC | May-19 | MSA | HSE              | CLOSED |           |
| 2078 | Electrical Panels installed in LCU-5 Room and Electrical Rooms have missing sealing from their bottom.  | Proper sealing of panels is required to protect the equipment from any bio hazard or any water/oil spillage.          | El.245           | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2079 | Telephone usage gудie is missing at transformer Deck  | Should be fixed   |                  |    | May-19 | MSA |                  |        |           |
| 2080 | Cotton rag is used to fill the gap under emergency exit door of admin floor.  | Housekeeping Required   | Admin            | UC | May-19 | MSA | Admin            | CLOSED |           |
| 2081 | Oil stains in passenger elevator  | Housekeeping Required   | Admin            | UC | May-19 | MSA | Admin            | CLOSED |           |
| 2082 | Visual alarm bell is dislocated at transformer Deck   |   | Transformer Deck | UC | May-19 | MSA | Electrical/C&I   |        |           |
| 2083 | Sensor probes found uncovered at Spare Transformer to be covered properly   | to be covered properly of spare transformer   | Transformer Deck | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2084 | Hanging PVC pipe along with cable may fell down and can spark any time.   |   | Transformer Deck | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2085 | Buffer of intake gantry crane is missing.   | Should be installed   | Intake Area      | UC | May-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2086 | Dry grass rolled along with hose ,may damage the quality of hose with the passage of time.  | Grass needed to be Trimmed at indetified Area   | Intake Area      | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2087 | Vegitation along with outer units ,may damage the fan of outer unit.  | Grass needed to be Trimmed at indetified Area   | Intake Area      | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2088 | Oil dripping under breather of spare transformer.   | Should be cleaned   | Transformer Deck | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2089 | Lock of DB in workshop is out of order  | Should be rectied   |                  | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2090 | Settlement along with the storage area of stoplogs of downstream,may damage the storage area.   | Area should be repaired   | Drift tube Area  | UC | May-19 | MSA | Mechanical/Civil | OPEN   | 15/7/2019 |
| 2091 | Lock of Fire cabinet is lock found broken.  | Should be rectified   | Intake Area      | UC | May-19 | MSA | HSE              | CLOSED |           |
| 2092 | Main shutter of warehouse is out of order.  | Should be rectified   | Warehouse        | UC | May-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2093 | Gas cylinder in workshop is out of cap  | Cylinder Cap should be installed  | Workshop         | UC | May-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2094 | GI Hose is broken ,and weather conditions may damage the supply wire.   | Fixible pipe should be replaced   | Transformer Deck | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2095 | Proper storage place to be made to store such equipment at site (Winch)   | Proper storage area should be developed for all winches   | Intake Area      | UC | May-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2096 | Split is running out side of GIS area and no one is sitting there   | To save the energy all ACs should be off  | El. 245          | UC | May-19 | MSA | Operations       | CLOSED |           |
| 2097 | Light is found out of order in warehouse  | Light needs to be replaced  | Warehouse        | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2098 | Contarctor is working on shifting of New FF engine ,safey measures has been discussed with Contractor supervisor  | Good Work   | El. 271          | GP | May-19 | MSA | P&E              | CLOSED |           |
| 2099 | Contractor staff is complying with PPEs requirement   | Good Work   | El. 271          | GP | May-19 | MSA | P&E              | CLOSED |           |
| 2100 | Limit switch of ware shutter door is not working,   | nedds to be replaced or repaired  | Warehouse        | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2101 | Contractor staff is working on shifting of FF engine, poor house keeping observed during and after work,  | House keeping needs to be done  | El. 271          | GP | May-19 | MSA | P&E              | CLOSED |           |
| 2102 | Intake gantry crane on flasher is not working   | Needs to be replaced with new one   | Intake Area      | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2103 | Intake gantry crane trvelling bell id not working   | Need to be rectified  | Draft Tube Area  | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2104 | At Ele.265 Items (scissor & gloves) found missing in First Aid cabinet.   | All the items should be available and cross verified through the attached list.                                       | El. 265          | UC | May-19 | MSA | HSE              | CLOSED |           |
| 2105 | At Ele.270 Scaffolding erected for the monkey ladder is without any tag.  | Tag should be placed on scaffolding.  | El. 271          | UC | May-19 | MSA | Electrical/C&I   | CLOSED |           |
| 2106 | At Ele. 270 masl the First Aid cabinet list is not been regularly updated on weekly basis.  | Items should be inspected and List should be updated on weekly basis.   | El. 272          | UC | May-19 | MSA | HSE              | CLOSED |           |
| 2107 | At Ele.270 There is temporary storage found outside the firefighting room and is barricaded properly  | Good Work   | El. 271          | GP | May-19 | MSA | P&E              | CLOSED |           |
| 2108 | At Ele. 255 It was observed that in workshop employees were working with proper PPE,s complying the rules.  | Good Work   | Workshop         | GP | May-19 | MSA | Mechanical/Civil | CLOSED |           |
| 2109 | At EL. 255 Items of first Aid Cabinet in workshop area was found missing and cabinet list is not been updated on weekly basis.  | Proper items should be placed in cabinet and list should be updated on regularly basis.                               | El. 255          | UA | May-19 | MSA | HSE              | CLOSED |           |
| 2110 | At Ele.255, EL.270, EL. 265 fire cylinders were found inspected on regularly basis and were properly tagged.  | Good Work   | Workshop         | GP | May-19 | MSA | HSE              | CLOSED |           |
| 2111 | AT Ele. 270 a bucket is found placed in fire fighting room.   | Bucket should be removed from firefighting room.  | El. 271          | GP | May-19 | MSA | Mechanical/Civil | CLOSED |           |

|      |  |   |               |    |        |     |                  |        |  |
|------|--|---|---------------|----|--------|-----|------------------|--------|--|
| 2112 | At Ele.265 It is found that surgical gloves in the first aid cabinet are not properly packed.  | Items should be properly packed.                        | El. 265       | UC | May-19 | MSA | HSE              | CLOSED |  |
| 2113 | At El. 270, The barriction of the checker plate stored outside the fire fighting room was found lying on ground, which was adressed. | Should be Rectictified                                  | El. 271       | UC | May-19 | MSA | Mechanical/Civil | CLOSED |  |
| 2114 | MM of AHU,s carried out as per PPE's mentioned in JSA and area was barricaded.   | Good Work   | El. 245       | GP | May-19 | MSA | Electrical/C&I   | CLOSED |  |
| 2115 | At El. 245, bottom rubber seal of warehouse shutter found detached.  | Needs to be fixed.                                      | El. 245       | UC | May-19 | MSA | Mechanical/Civil | CLOSED |  |
| 2116 | 2 out of 6 lights inside passenger elevator found off, either fused or faulty  | Needs to be fixed.                                      | El. 245       | UC | May-19 | MSA | Electrical/C&I   | CLOSED |  |
| 2117 | In Machine Hall oil spillage observed under Bearing system upper oil tank.   | Housekeeping Required                                   | El. 245       | UC | May-19 | MSA | Operations       | CLOSED |  |
| 2118 | At Staircase leading towards OH crane from El.251, spider webs observed.   | Housekeeping Required                                   | El. 251       | UC | May-19 | MSA | Operations       | CLOSED |  |
| 2119 | Water dispenser is placed near the printing machine (electrical equipment).  | There is possibility of falling of water on the machine | El. 261       | UC | May-19 | DLC | Electrical/C&I   | CLOSED |  |
| 2120 | Lot of cables are not properly routed below the engineering tables which should be routed properly to avoid any hindrance            | Needs to be fixed.                                      | Guards Room   | UC | May-19 | DLC | Electrical/C&I   | CLOSED |  |
| 2121 | Unauthorized entry during welding in work shop is observed even after barricading the area.  | need to be stopped during work                          | Workshop      | UC | May-19 | DLC | Mechanical/Civil | CLOSED |  |
| 2122 | Lighting issue in NBE gate site has been resolved by Electrical section  | Good Work   | NBE gates CCR | UC | May-19 | DLC | Electrical/C&I   | CLOSED |  |
| 2123 | Supply cable of FF jockey pump is not properly conduited.  | Proper conduite to be instsalled for Jockey Pump        | El. 271       | UC | May-19 | DLC | Electrical/C&I   | CLOSED |  |
| 2124 | Wild growth observed at the rooftop of NBE Gates CCR.  | Grass needed to be Trimmed at indetified Area           | NBE gates CCR | UC | May-19 | DLC | Operations       | CLOSED |  |

## **Exhibit 02- CSR Plan Status**

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## CSR Plan 2018-19

|    | Description  | Remarks    |
|----|--|------------|
| 1  | Cleaning of Surat Syphon   | Completed  |
| 2  | Provision of furniture in two government school (Girls School Lehri - Girls School Chechian)                       | Completed  |
| 3  | Repairing of Chechian girls school boundary wall - 300 m   | Completed  |
| 4  | Roof repairing of Boys school village Lehri  | Completed  |
| 5  | Provision of Computers in Govt. College Afzalpur   | Completed  |
| 6  | Mirpur Cricket Zonal Championship  | Completed  |
| 7  | Repairing of incinerator installed in DHQ hospital Mirpur  | Completed  |
| 8  | Traffic safety sessions at community schools (2 Schools in Lehri, 1 Boys School in Chechian, 1 School in Afzalpur) | Completed  |
| 9  | Growing girls issues awareness and personal hygiene sessions at community schools                                  | Completed  |
| 10 | HSE awareness sessions for local industry & crush plants in nearby areas in collaboration with EPA                 | Completed  |
| 12 | Installation of Water treatment plant for Village Lehri at Middle School   | Completed  |
| 13 | Renovation of <b>F II park across Masjid Gulzar e Habib</b>  | Completed  |
| 14 | Prizes for outstanding performances in Exams/Co-Curricular Activities in Govt Girls College Afzalpur & Lehri       | Completed  |
| 15 | Conduct downstream community risk awareness campaign   | Completed  |
| 16 | Donation for borderline affected Gov. school Distt Bhimber - Requested by EPA                                      | Completed  |
| 17 | Sponsor technical seminars on environment in Mirpur University of Sciences & Technology                            | Completed  |
| 18 | Sponsor Cricket Tournamnet in village Lehri  | Completed  |
| 11 | Fruit tree plantation in collaboration with EPA per advice of DC Mirpur (Phase-3 of 6)                             | Completed  |
| 21 | Provision of UPS and Multimedia in Afzalpur College  | Completed  |
| 19 | TEVTA approved technical trainings at Mirpur Institute of Technology for community                                 | Completed  |
| 20 | LEL Scholarship - 4 x Numbers for MUST - Desrving students seeking admission @ graduate & postgraduate levels      | Completed  |
| 22 | Renovation of Lehri Boys School  | Inprogress |
| 23 | Donation for Govt High School Patni  | Completed  |
| 24 | Donation of NGO  | Completed  |
| 25 | Donation for Diya  | Completed  |