

Environmental and Social Due Diligence Report

Project Number: 47083-004
December 2019

INDIA: Accelerating Infrastructure Investment Facility in India – Tranche 3 Mytrah Vayu (Krishna) Private Limited (Part 9 of 10)

Prepared by India Infrastructure Finance Company Limited for the India Infrastructure Finance Company Limited and the Asian Development Bank.

This environmental and social due diligence report is a document of the borrower. The views expressed herein do not necessarily represent those of ADB's Board of Directors, Management, or staff, and may be preliminary in nature.

In preparing any country program or strategy, financing any project, or by making any designation of or reference to a particular territory or geographic area in this document, the Asian Development Bank does not intend to make any judgments as to the legal or other status of any territory or area.



s.no	Stakeholder	Stakeholder Category	Objective of Engagement	Stakeholder Influence	Methods of Consultation and Engagement	Frequency of Consultations and Engagement
						requirements; and • As per the need.
5.	District Administration (Tehsildaar, SDO, Patwari)	Primary Stakeholder	Regular engagement Participation in CSR Activities	High	• Regular meetings and participation in CSR events	• Regular Meetings; or • Monthly or as & when required
6.	Land Sellers and Land Users	Primary Stakeholder	To seek support if required	Very Low	• Attendance in plant functions/occasions, or seek their support as and when required	• Meeting and invitation in events
7.	Local Community	Primary Stakeholder	Managing and ensuring participation in CSR activities. As part of GRM.	Low	• Open Meetings, • Interactions with community at Gram Panchayat, • Sharing of CSR reports and other documents, if required, as part of the disclosure mechanism and the GRM; and • Involvement in CSR activities	• As and when required
8.	Local Women	Primary Stakeholder	Managing and ensuring participation in CSR activities.	Low	• Meetings specific to women or women's groups • Sharing of CSR reports and other documents, if	• As and when required



s.no	Stakeholder	Stakeholder Category	Objective of Engagement	Stakeholder Influence	Methods of Consultation and Engagement	Frequency of Consultations and Engagement
			As part of GRM.		<ul style="list-style-type: none"> required, as part of the disclosure mechanism and the GRM; and Involvement in CSR activities 	
9.	Agricultural Labourers	Primary Stakeholder	For necessary information Managing and ensuring participation in CSR activities. As part of GRM.	Very low/Non Existent	<ul style="list-style-type: none"> Open Public Consultations sharing of reports and other documents as part of the disclosure mechanism (Provisioning of reports in Hindi/local language, if required) Involvement in CSR activities 	<ul style="list-style-type: none"> As and when required
10.	Vulnerable Community (not affected by land acquisition)	Secondary Stakeholder	Managing and ensuring participation in CSR activities. As part of GRM.	Medium	<ul style="list-style-type: none"> Discussions, FGD, Open meetings and consultations with each category, meetings as part of the GRM and Involvement in CSR activities 	<ul style="list-style-type: none"> FGDs with each group Provisioning of reports in Hindi/local language, if required.
11.	Village Institution (School & PHC)	Secondary Stakeholder	Managing and ensuring participation in CSR activities	Low	<ul style="list-style-type: none"> Discussions, Consultations and Open Meeting and discussions, FGDS; and Involvement in planning and implementation of CSR activities 	<ul style="list-style-type: none"> Depending upon requirements.



H.7. Reporting and Documentation Process

Details of all the engagement activities is to be properly recorded in the form of minutes and maintained as a stakeholder engagement database for the projects that MEIPL undertakes. Such a database would allow for effective monitoring of the engagement process as well as ensure that the concerns and query of the stakeholders are resolved in a timely manner. The recording process is to be carried out in a definitive manner adhering to a framework which apart from illustrating the outcome of the meetings with the stakeholders in a comprehensive manner provides scope for demonstrating other vital aspects of each meeting such as date, place/ location of meeting, key participants and so on.

A Stakeholder Engagement Report consolidating the stakeholder engagement processes of multiple projects in the solar and the wind sectors respectively may be recorded annually that may include a summary of issues raised by stakeholders, numbers and subjects of grievances, a summary of key actions taken to address concerns, analysis of trends in KPIs, (if any), and plans for engagement in the next period.

H.8. Information Disclosure Mechanism

One of the most important aspects of any consultation or engagement process is the process of information disclosure. This process is not only part of certain regulatory requirements but also a requirement of the investors in the project. The process of information disclosure can be undertaken in two manners, either voluntary disclosure or disclosure as part of the regulatory requirements.

While regulatory disclosure involves the provisioning of information as required by the authorities and agencies involved in the project, voluntary disclosure refers to the process of disclosing information to the various stakeholders in a voluntary manner. The process of disclosure involves the provisioning of information in an accessible manner (a manner which allows for easy understanding, such as in the local language) to the various stakeholders in a project. This disclosure not only allows for trust to be build amongst the stakeholders through the sharing of information but also allow for more constructive participation in the other processes of consultation and resolution of grievances due to availability of accurate and timely information.

The disclosure of impact assessment reports and relevant plans is to be carried out in a manner which would make the information available to the community in an accessible and timely manner. Some of the disclosure related activities proposed for the future are as follows:

- This would include making copies of the main reports/executive summary, available in the Panchayat offices or the community centres and/or other locations readily accessible (through means such as pamphlets or leaflets) to the entire community in the locally preferred language.
- The provisioning of these reports and plans at the Panchayat Office or a small open meeting with the community to notify the stakeholders of the documents being disclosed and their nature and location as well as decide a date for receiving feedback from the community.
- Another approach could be to engage the community during the various other community development activities, including livelihood development, farmers meeting etc. These forums could also be used for the disclosure of the information to the community;
- As a part of the disclosure, the stakeholder reports or the key public consultation findings or the grievance related records can also be made available at project office;
- At minimum, such disclosure should be done on an annual basis to the various stakeholders through suitable manner.

Public consultations can be done as and when the urgency of the situation warrants having such public consultations.

H.9. Institutional setup for SEP Implementation

To manage its engagements with the project stakeholders and meet the objectives of stakeholder engagement, MEIPL is required to ensure that this engagement process is given as much importance as the other project

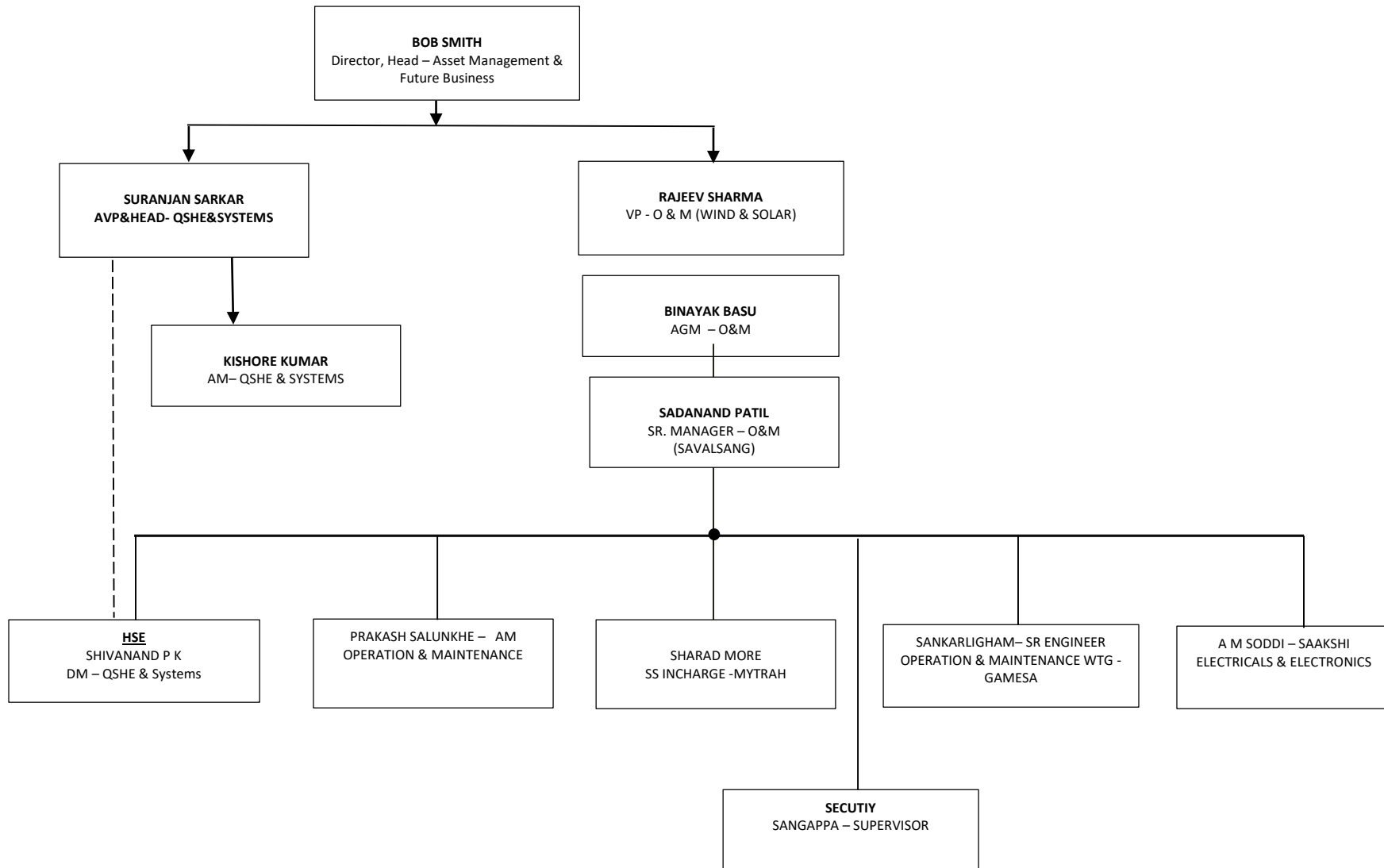


activities as well as guarantee the availability of certain resources. To ensure compliance of the objectives with the timeline given above, respective site incharge is overall responsible for the implementation of the same.

H.10. Monitoring and Review

The monitoring of the SEP and the efficacy of its implementation for any project are required to be carried out as per formats devised or planned as per requirement of the project. The monitoring and reviewing schedule can either be developed as part of the impact assessment planning and planned in commensuration with the developed ESMP or developed standalone to meet or suffice the requirements of the project.

ORGANOGRAM ASSET MANAGEMENT – SAVALSANG SITE



Emergency Response Plan



**Siemens Gamesa Renewable Power Pvt Ltd,
33/220KV Pooling Substation
Savalsung,
Horti,
Vijayapur District,
Karnataka.**

Plan review number:	00	Date of release:	27 November 2017
	Name		Org Unit
Prepared by:	Mr.NS Rakhesh		HSE Department
Released by:	Mr.Sankaralingam		Site Incharge
Major changes compared to last revision	New Plan		
Record hard copies (Number and location).	Site Office , Warehouse, SCADA .		

Contents

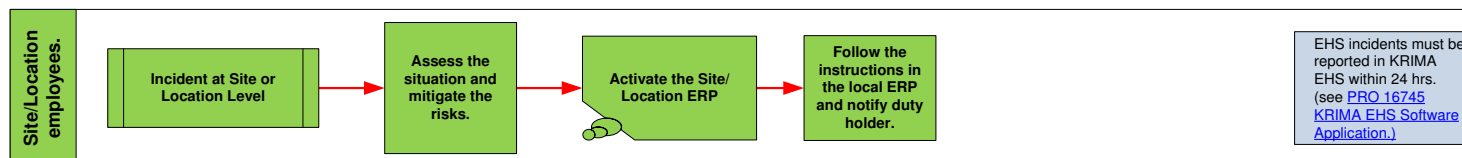
Emergency Instructions	1
1. INTERNAL COMMUNICATION FLOW	3
2. SITE MAPS	4
3. BEFORE INCIDENT	6
4. BUILDING EVACUATION.....	7
4 a. Assembly Point Instructions	8
4 b Assembly Point Registration	9
5. INJURY / ILLNESS	10
6. FIRE INSTRUCTION.....	11
7. ENVIRONMENTAL INCIDENT.....	12
8. BUILDING DAMAGE.....	13
9. CRIMINAL ACTIVITY.....	14
10. CONTACT LIST	15

1. INTERNAL COMMUNICATION FLOW

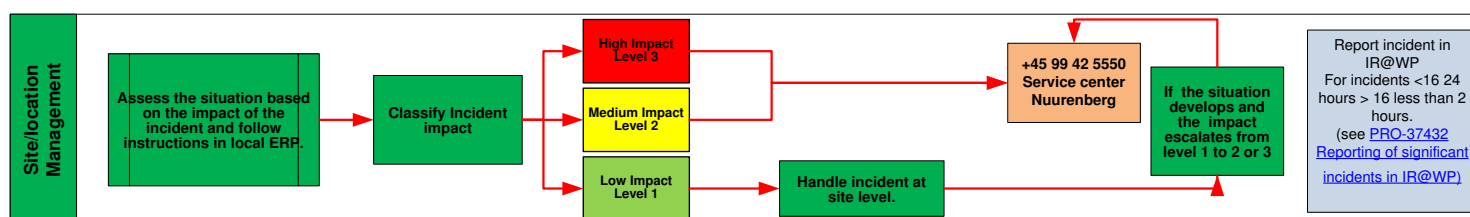
ER (Emergency response) Tasks to be performed By Employees Observing the Event.

What to do:

How to report:



ER (Emergency Response) Tasks performed by Site/Location appointed Duty holder.



High impact Level 3	Medium impact Level 2	Low impact Level 1
<ul style="list-style-type: none"> Fatality Kidnapping Extortion Civil Unrest Natural Disasters on site Sabotage Loss of location/site 	<ul style="list-style-type: none"> Incidents potentially resulting in significant injury / hospitalization or multiple casualties i.e. distributed to multiple treatment locations Simultaneous activation of more than one Emergency Response Plan within one affected Division/ Business Unit or Regional Country. Incidents assessed to have a negative interest of local medias. Equipment / IT damage with a potential to stop or significantly delay planned operation when such impact cannot be mitigated within 24 hours or involve a cost of > 10.000 - EUR. Industry related incident with potential to affect our operations 	<ul style="list-style-type: none"> Emergency Services have been called to the site Accident/Incident incl. Near Miss - Potential risk ≥ 16 Risk rate all occurrences immediately! First aid cases

Site Duty Holder: Before calling Service center Nurenberg (+4599425550) consider answers for these questions:

"Who is calling?"	"Where did the incident happen?"	"What has happened?"	"How did the incident happen?"	"Which actions have been initiated?"	"Is the situation under immediate control (Yes /No)?"
Surname? Given name? Business unit? Phone number? Org code or department?	Country? Site or location name? Other description (If relevant)? When did the incident happen (Date, Time)?	Type of incident Injury (Yes / No - which type of injury & how many injured)? Equipment damage? Other (Short description)?	Short description of circumstances in headlines and any additional important information?	Local emergency services called (e.g. 108)? Other local authorities notified: (e.g. Riddor, OSHA)?	(If the answer is "No" - description of details not in control - immediate assistance needed)"

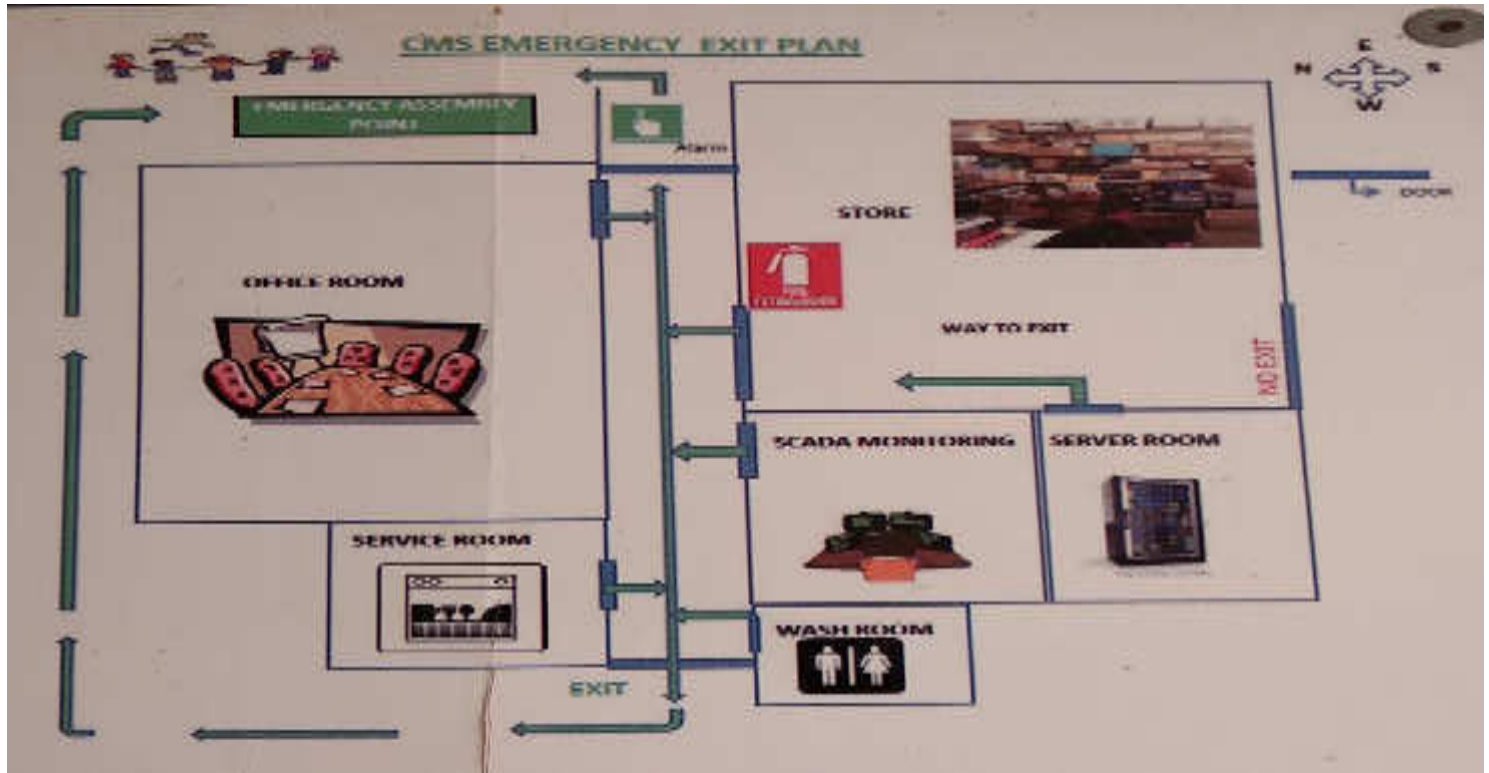
2. SITE MAPS



Area Address

Siemens Gamesa Renewable Power Pvt Ltd,
33/220KV Pooling Substation
Savalsung,
Horti,
Vijayapur District,
Karnataka.

Emergency Escape Plan Building/Office



Location of Antivenom

S.No	Location	Contact person	Contact Number
1	SCADA	M.Sankaralingam	7349294330

3. BEFORE THE INCIDENT

Emergency instructions

These instructions will assist you and your managers to reduce the impact of accidents.

General safety

- Use common sense, **no work is so important that it cannot be done in a safe manner!**
- Use your personal protective equipment (PPE)
- If in any doubt then ask your safety rep. or your manager
- Follow your work instructions
- Adhere to rules and guidance for storage of flammable items and other hazardous materials.
- Respect hot work permits
- Keep the work place tidy!
- Never block the emergency evacuation routes or exits
- Do not force fire doors to stay open!
- Be careful with open flames/fire
- Switch off lights and electrical equipment which are not in use
- Check where first aid kits, eye flushes, absorbent materials and firefighting equipment are stored as well as their correct use
- Regularly check storages for leaks
- Report irregularities
- Report all accidents, incidents and near misses – without the reports no lessons are learned and your workplace won't get safer
- ASK!!!

Refresh these instructions with all new members of staff, when they start in a new area, if you are unsure or if there has been an accident!

Walk through the emergency evacuation route(s) – you won't have time to study these instructions during an accident!

Be sure you know where the assembly point is located!

4. BUILDING EVACUATION

- When an alarm is activated everybody must immediately leave their position and follow the designated evacuation route and emergency exit to the assembly point.

- Do not take anything with you,
 - Except for a coat if it is safe to do so, – But only if you have it within reach
 - Personal medication & keys, laptop and PKI – But only if you have it within reach
- On your way out:
 - To the extent possible stay together in groups from where you evacuate
 - Close doors and windows
 - To the extent possible ensure that no persons are left back in the building.
 - When you reach the assembly point stay together in groups from where you evacuated
 - Try to obtain overview of individuals from your group/work area and report to the assembly point leader.

4 a. Assembly Point Instructions

- First arriving capable individual on the assembly point will take function as Assembly Point Leader until a senior manager arrives and confirms that he/she can take over.
 - Assembly Point Leader wears an orange vest
- The Assembly Point Leader is responsible for discipline and actions taken at the assembly point during the evacuation.
- The Assembly Point Leader can appoint helpers (usually taken from the Emergency Response Team) to cordon off, provide first aid etc.
 - Helpers wear yellow vests
- Assembly Point Leader ensures that:
 - Helpers are placed to prevent unauthorized access to the evacuated area
 - Helpers are placed to prevent unauthorized access to the reception
- Each team will check that all members of their team have been evacuated.
 - Missing persons must be reported to the assembly point leader,
 - Assembly Point Leader communicates this to the rescue services (including where the missing person(s) were last seen)
- If people (e.g. because they could not be moved/were injured) have been left behind
 - the assembly point leader must be informed of their location and condition
- If the primary assembly point is compromised for any reason the assembly point leader must identify alternative assembly point and foresee relocation of all evacuees.
- The assembly point leader is responsible for:
 - Communication with Emergency service supporting the incident.
 - Calling off the evacuation
 - Nominating individuals as assembly point assistants.

4 b Assembly Point Registration

		Location of accident/incident		
Assembly Point Leader:				
Area	Time reported clear	Person(s) left behind	Comments	
Individuals not accounted for (missing):				
1		5		
2		6		
3		7		

5.INJURY / ILLNESS

STOP THE ACCIDENT

- Consider hazards / risks / own safety
- Stop the machines/processes
- Switch off electricity
- Consider if you have to move the casualty to a safer location

NOTE! IN SOME CASES YOU NEED TO RAISE THE ALARM BEFORE ADMINISTERING FIRST AID

LIFESAVING FIRST AID

- Raise alarm by shouting
- Check for signs of life (see/feel/listen)
- Check for consciousness/breathing
- Call an ambulance if required
- Free airways (possibly rescue breathing)
- Stop major bleedings
- Provide ordinary first aid
- Monitor the injured person
- Ensure that guide has been sent out to meet the ambulance

ALARM

- Call 108 / 102 / 08352-270009
- Inform: Who you are and the phone number you are calling from
- Request for ambulance
- Savalsung wind farm, Horti, 33/220KV SS, Bijapur (KA- India),
- Casualties and persons at risk
- The Alarm Central will inform you when the conversation is over!
- When the ambulance have been requested the Security Guards shall be called/ informed

NON-EMERGENCY REQUESTS FOR MEDICAL ASSISTANCE

- Continue First Aid
- Approach nearest hospital
- Seek the Advice from medical practitioner
- If required take support from site Manager / safety Officer
- Inform: Who you are and the phone number you are calling from and inform that we are coming with an injured person as well as type of injuries.

INFORM/ALARM

- In case of an accident the Site Manager / Safety Officer should be called/ informed

ASSEMBLY POINT

- During larger accidents it will be beneficial to evacuate the area to create space for our ERT and the rescue services

GUIDE FOR EMERGENCY SERVICES

- Send guide to receive emergency services at the main gate/point of contact
- Bring site plans, floor plans, keys and data sheets

OTHER INFORMATION AND CONSIDERATIONS

- Only company approved spokesperson communicate with the press
- Gather information (Notes / photos) for the investigation without disturbing the scene

6.FIRE INSTRUCTION

Assess the situation – raise the alarm

FIRE FIGHTING	Use the fire extinguishers, fire blankets etc. if safe. The Fire Brigade must be informed even though the fire was put out.
ALARM	<ul style="list-style-type: none"> • Alart manual call point / Siren • Call 108 /101 / 08352-270160 • Inform: Who you are and the phone number you are calling from • There is a fire at: • Savalsung wind farm, Horti, 33/220KV SS, Bijapur (KA- India), • Where the fire is observed • What is on fire • Casualties and persons at risk <p>The Alarm Central will inform you when the conversation is over!</p>
RESCUE/ EVACUATE	<ul style="list-style-type: none"> • Evacuate immediately when you hear the alarm – never await verification • The ABA Supervisor is responsible for possible verifications (it can be the guard or the caretaker)
ASSEMBLY POINT	<ul style="list-style-type: none"> • See the site plan
INFORM/ALARM (FOR ALL ALRMS AND FALSE ALARMS)	<ul style="list-style-type: none"> • In case of an accident the Security Guards / Site Manager should be called/ informed
MAKE AREA SAFE	<ul style="list-style-type: none"> • Close doors and windows • Switch off ventilation and machinery • Switch off fuel supplies etc. • Remove gas bottles • Evacuate/cordon off • Do not re-enter the building without permission from the Assembly Point Leader
GUIDE EMERGENCY SERVICES	<ul style="list-style-type: none"> • Send guide to receive emergency services at the main gate/point of contact. • Bring site plans, floor plans, keys and data sheets
OTHER INFORMATION AND CONSIDERATIONS	<ul style="list-style-type: none"> • Only the company approved spokesperson communicates with the press • Cordoning off will be done by the fire department. • Take notes / photos to prepare for the investigation of the accident

7. Environmental incident

Gain overview – Consider if it's necessary to make an alarm

STOP THE ACCIDENT	<ul style="list-style-type: none"> Shut off taps and valves. Shut of electrical power, stop engines etc. Cover drain gratings / Restrain for spill with "cat litter" or other suitable material.
CHECK	<ul style="list-style-type: none"> Inform the Site Manager: What type of emission? Look up the safety data sheet and additional information What is the extent / what is the risk? Wear suitable PPE (Personal Protection Equipment) Use absorption material- / collection equipment to limit chemical spill,
ALARM	<ul style="list-style-type: none"> Call to Site Manager Inform: Who you are and the phone number you are calling from Savalsung wind farm, Horti, 33/220KV SS, Bijapur (KA- India), and location where the accident has happen. What type of spill, and if the emission is to: air, soil or water. If there are injured persons, or any persons or animals in danger. The Alarm Center will inform you when the conversation is over!
RESCUE/ EVACUATE	<ul style="list-style-type: none"> Push fire button if evacuation of area is necessary. Evacuate immediately when you hear the alarm – never await verification. The ABA Supervisor is responsible for possible verifications
ASSEMBLY POINT	<ul style="list-style-type: none"> See site plan
INFORM/ALARM (FOR ALL ALARMS AND FALSE ALARMS)	<ul style="list-style-type: none"> In case of an accident the site Manager shall be called/ informed
MAKE AREA SAFE (Always consider own safety!)	<ul style="list-style-type: none"> Close doors and windows Switch off machines Switch off fuel supplies etc. Remove gas bottles Evacuate/cordon off Do not re-enter the area without permission from the assembly point leader
ROAD MAP	<ul style="list-style-type: none"> Send guide to receive emergency services at the main gate/point of contact. Bring site plans, floor plans, keys and data sheets.
OTHER INFORMATION AND CONSIDERATIONS	<ul style="list-style-type: none"> Only the company approved spokesperson communicates with the press Do you require extra help for cordoning off? Make initial registrations (notes / photos) for the investigation of the accident

8. BUILDING DAMAGE.

Assess the situation – think of own safety before acting!

Structural damage Flooding Power failure. (Always consider own safety!)	<ul style="list-style-type: none"> Impact assessment - consider: Stop/prevent the accident/incident <ul style="list-style-type: none"> Risks / Hazards Switching off power/machines Prevent damage to property During storms – open windows doors in the lee side and cover damage in the wind side Evacuation/cordoning off Impact on the production Invoking Business Continuity Plan Sending guide to main gate/point of contact Need for (extra) security guards Call in: <ul style="list-style-type: none"> Facilities / building contractors Contractor with pumps / generators Emergency services Alarm System Supervisor Check: <ul style="list-style-type: none"> Service Level Agreement (SLA) with our service providers That we are given appropriate priority If we need to escalate call out Insurance
INFORM/ALARM (FOR ALARMS AND FALSE ALARMS)	<ul style="list-style-type: none"> Facility Service on duty phone and Site Manager / Security Guards shall be called/informed
GUIDE EMERGENCY SERVICES	<ul style="list-style-type: none"> Send guide to receive emergency services at the main gate/point of contact. Bring site plans - floor plans - keys - data sheet
ITEMS FOR THE SITUATION REPORT	<ul style="list-style-type: none"> Injuries to person(s) Building damage Impact(s) on the environment Production Risks and hazards Where, when, what, who, how Actions (initiated/planned) Who has been informed so far?
OTHER INFORMATION AND CONSIDERATIONS	<ul style="list-style-type: none"> Only the company approved spokesperson communicates with the press Do you require extra help for cordoning off, the authority will take care of it. Make initial registrations for the investigation of the accident

9. CRIMINAL ACTIVITY.

Assess the situation – think of own safety!

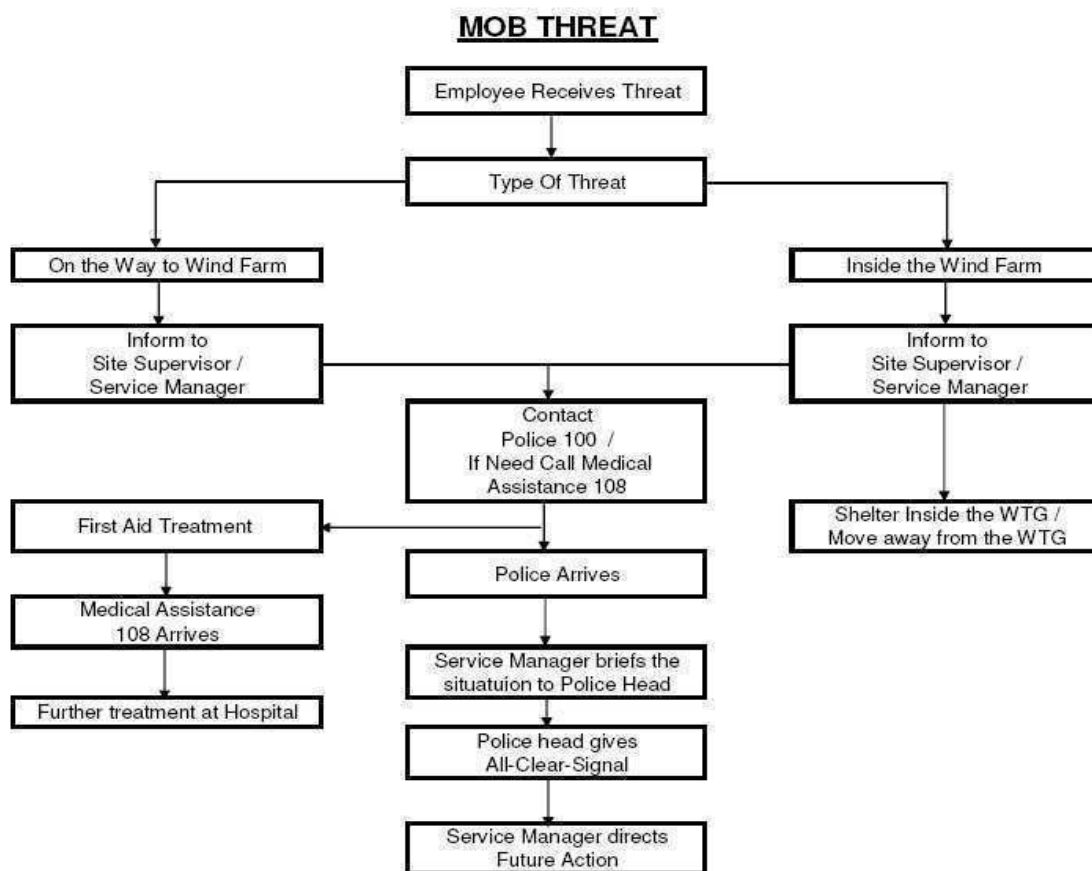
Burglary/Trespassing

- Assess the situation and do not get involved/ contact the culprit on less this can be done absolutely safely.
- Observe the situation and call local police
- Call Siemens Gamesa Security
- Take notes / photos
- If safe stay with in observation distance and await arrival of police/ security

Suspicious object

- Do not touch or move the object
- Evacuate the building / area
- Call local police
- Call Siemens Gamesa security
- Do not reenter the building before access is released by police

MOB THREAT



10. CONTACT LIST

24/7 contact option				
Security Guards at site office (24/7)				
Security Guards				
Other relevant contacts for Savalsung wind farm				
Name	Department	Phone	Mobile	E-mail (optional)
M.Sankaralingam	Site Incharge		7349294330	MSANKARALINGAM@gamesacorp.com
Manikandan	Emergency Spoke Person		8072254400	MANIKANDAN.VENKADACHALAM@siemensgamesa.com
Sadanad P	Site Manager - MYTRAH		9880917070	Sadanand M Patil@mytrah.com
S.Selvan	Emergency Spoke Person		9901310998	Stselvan@gamesacorp.com
NS Rakesh	SAFETY OFFICER		9972998758	NSRAKESH@gamesacorp.com
S.SIVAKUMAR	REGIONAL HEAD,KA		9880985457	SSIVAKUMAR@gamesacorp.com
Pani Martin	InCharge -M/S Aarudhra		9894564166	Panimartinwind@gmail.com
FIRE STATION	BIJAPUR	08352-270160		
AMBULANCE	BIJAPUR	102/108		
GOVT.HOSPITAL	HORTI	08422-283809		
Primary health centre	BIJAPUR	08352-270009		
BLOOD BANK	BIJAPUR	08352-253604		



VISION LABS

Environmental Consultants & Analytical Services

Recognised by ISO/IEC 17025:2005 (NABL), MoEF & CC,
FSSAI, NABET-QCI, ISO 9001 : 2015 & OHSAS 18001 : 2007.

AMBIENT AIR QUALITY TEST REPORT

Issued to: Mytrah Vayu (Krisna) Private Limited. # 8001, Q-City, S.No:109, Nanakramguda, Gachibowli, Hyderabad- 500 032, India. Site: Mytrah Vayu (Krisna) Private Limited. Survey No:490/3, Horti Post, Taluka; Indi. District- Vijayapura, Near Inchgiri village-586117, Karnataka		Issued Date	12.11.2018
		Our Ref No	TC506418000003974
		Work Order No	9300006843
		Your Ref Date	26.10.2018
Date of Monitoring	05.11.2018	Sample Description	Ambient Air
Date of Registration	08.11.2018	Sample(s) condition	Found Ok
Monitoring Location	Site Office Area		
Monitoring Conducted by VISION LABS			
Ambient Temperature °C	28 (Average)	Wind Direction	NE
Weather Condition	Clear	Flow rate of Gases (LPM)	0.20

TEST RESULTS

S.No.	Parameters	Units	Test Results	National Ambient Air Quality Standards (NAAQS)	Analysis Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	48.2	<100	Respirable Dust Sampler method (IS : 5182 P 23 - 2006)
2.	Particulate Matter (PM _{2.5})	µg/m ³	24.3	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO ₂)	µg/m ³	6.8	<80	Improved West and Geake method (IS : 5182 P II - 2001)
4.	Oxides of Nitrogen (NO ₂)	µg/m ³	19.3	<80	Jacob and Hochheiser modified (Na-Arsenite) method (IS : 5182 P VI - 2001)
5.	Ozone (O ₃)	µg/m ³	<5.0	<100	IS 5182 Part-9 1974

Page 1 of 1

Note: -

- The results of the monitored data indicate that the ambient air quality of the region in general is conformity with respect to norms of National Ambient Air Quality standards
- Sampling & Analysis were done as per standard method prescribed by CPCB

Checked by	Sr. Chemist	Authorized Signatory



VL/QEHS/5. 10/TR

H.No. 16-11-23/37/A, Flat No. 205, 2nd Floor, Opp. R.T.A. Office, Musarambagh, Malakpet, Hyderabad - 500 036.
 Tel : 040-24544320, 24541338, Mob : 98491 10019 / 94408 41338, E-mail : info@visionlabs.com, vision.labs@gmail.com
NOTE : This Report is subject to the terms and conditions mentioned overleaf.



AMBIENT AIR QUALITY TEST REPORT

Issued to: Mytrah Vayu (Krisna) Private Limited. # 8001, Q-City, S.No:109, Nanakramguda, Gachibowli, Hyderabad- 500 032, India. Site: Mytrah Vayu (Krisna) Private Limited. Survey No:490/3, Horti Post, Taluka: Indi. District- Vijayapura, Near Inchgiri village-586117, Karnataka		Issued Date	12.11.2018
		Our Ref No	TC506418000003975
		Work Order No	9300006843
		Your Ref Date	26.10.2018
Date of Monitoring	05.11.2018	Sample Description	Ambient Air
Date of Registration	08.11.2018	Sample(s) condition	Found Ok
Monitoring Location	CMC Building		
Monitoring Conducted by VISON LABS			
Ambient Temperature °C	28 (Average)	Wind Direction	NE
Weather Condition	Clear	Flow rate of Gases (LPM)	0.20

TEST RESULTS

S.No.	Parameters	Units	Test Results	National Ambient Air Quality Standards (NAAQS)	Analysis Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	44.6	<100	Respirable Dust Sampler method (IS : 5182 P 23 - 2006)
2.	Particulate Matter (PM _{2.5})	µg/m ³	22.3	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO ₂)	µg/m ³	7.4	<80	Improved West and Geake method (IS : 5182 P II - 2001)
4.	Oxides of Nitrogen (NO ₂)	µg/m ³	18.5	<80	Jacob and Hochheiser modified (Na-Arsenite) method (IS : 5182 P VI - 2001)
5.	Ozone (O ₃)	µg/m ³	<5.0	<100	IS 5182 Part-9 1974

Page 1 of 1

Note: -

- The results of the monitored data indicate that the ambient air quality of the region in general is conformity with respect to norms of National Ambient Air Quality standards
- Sampling & Analysis were done as per standard method prescribed by CPCB

Checked by	Sr. Chemist	Authorized Signatory

VL/QEHS/5. 10/TR



VISON LABS

Environmental Consultants & Analytical Services

Recognised by ISO/IEC 17025:2005 (NABL), MoEF & CC,
FSSAI, NABET-QCI, ISO 9001 : 2015 & OHSAS 18001 : 2007.

AMBIENT AIR QUALITY TEST REPORT

Issued to: Mytrah Vayu (Krisna) Private Limited. # 8001, Q-City, S.No:109, Nanakramguda, Gachibowli, Hyderabad- 500 032, India. Site: Mytrah Vayu (Krisna) Private Limited. Survey No:490/3, Horti Post, Taluka: Indi. District- Vijayapura, Near Inchgiri village-586117, Karnataka		Issued Date	12.11.2018
		Our Ref No	TC506418000003976
		Work Order No	9300006843
		Your Ref Date	26.10.2018
Date of Monitoring	05.11.2018	Sample Description	Ambient Air
Date of Registration	08.11.2018	Sample(s) condition	Found Ok
Monitoring Location	Kannur Village		
Monitoring Conducted by VISON LABS			
Ambient Temperature °C	28 (Average)	Wind Direction	NE
Weather Condition	Clear	Flow rate of Gases (LPM)	0.20

TEST RESULTS

S.No.	Parameters	Units	Test Results	National Ambient Air Quality Standards (NAAQS)	Analysis Method
1.	Particulate Matter (PM ₁₀)	µg/m ³	40.1	<100	Respirable Dust Sampler method (IS : 5182 P 23 - 2006)
2.	Particulate Matter (PM _{2.5})	µg/m ³	19.6	<60	CPCB Guidelines for the measurement of Ambient Air Pollutants Vol. I, May 2011
3.	Sulphur Dioxide (SO ₂)	µg/m ³	6.6	<80	Improved West and Geake method (IS : 5182 P II - 2001)
4.	Oxides of Nitrogen (NO ₂)	µg/m ³	15.7	<80	Jacob and Hochheiser modified (Na-Arsenite) method (IS : 5182 P VI - 2001)
5.	Ozone (O ₃)	µg/m ³	<5.0	<100	IS 5182 Part-9 1974

Page 1 of 1

Note: -

- The results of the monitored data indicate that the ambient air quality of the region in general is conformity with respect to norms of National Ambient Air Quality standards
- Sampling & Analysis were done as per standard method prescribed by CPCB

Checked by	Sr. Chemist	Authorized Signatory

VL/QEHS/5. 10/TR

H.No. 16-11-23/37/A, Flat No. 205, 2nd Floor, Opp. R.T.A. Office, Musarambagh, Malakpet, Hyderabad - 500 036.
 Tel : 040-24544320, 24541338, Mob : 98491 10019 / 94408 41338, E-mail : Info@visonlabs.com, vison.labs@gmail.com
 NOTE : This Report is subject to the terms and conditions mentioned overleaf.



VISON LABS

Environmental Consultants & Analytical Services

Recognised by ISO/IEC 17025:2005 (NABL), MoEF & CC, FSSAI, NABET-QCI, ISO 9001 : 2015 & OHSAS 18001 : 2007.

AMBIENT NOISE QUALITY MONITORING LEVELS

Issued to: Mytrah Vayu (Krisna) Private Limited. # 8001, Q-City, S.No:109, Nanakramguda, Gachibowli, Hyderabad- 500 032, India. Site: Mytrah Vayu (Krisna) Private Limited. Survey No:490/3, Horti Post, Taluka: Indi. District- Vijayapura, Near Inchgiri village-586117, Karnataka	Issued Date	12.11.2018
	Our Ref No	TC506418000003977
	Work Order No	9300006843
	Your Ref Date	26.10.2018
Monitoring conducted by VISON LABS		

Total Average Results. Units: dB (A)

S.NO	Monitoring Time	Site Office Date: 05.11.2018 to 06.11.2018	CMC Building Date: 05.11.2018 to 06.11.2018	Kannur Village Date: 05.11.2018 to 06.11.2018	Inchegeri Village Date: 05.11.2018 to 06.11.2018
1.	06.00 – 07.00	45.8	42.6	41.6	40.0
2.	07.00 – 08.00	49.2	44.5	43.9	43.1
3.	08.00 – 09.00	51.2	49.0	48.2	44.3
4.	09.00 – 10.00	53.1	48.3	45.5	45.8
5.	10.00 – 11.00	54.8	51.2	49.0	47.1
6.	11.00 – 12.00	56.8	52.6	51.6	48.4
7.	12.00 – 13.00	55.5	50.1	47.9	49.5
8.	13.00 – 14.00	56.4	52.8	53.7	46.9
9.	14.00 – 15.00	53.4	50.2	49.3	56.1
10.	15.00 – 16.00	54.5	53.6	53.9	50.1
11.	16.00 – 17.00	55.1	51.7	48.9	47.9
12.	17.00 – 18.00	56.4	53.6	46.9	53.7
13.	18.00 – 19.00	65.1	60.6	53.9	48.3
14.	19.00 – 20.00	58.7	53.7	47.8	56.8
15.	20.00 – 21.00	51.4	49.1	45.5	46.7
16.	21.00 – 22.00	48.9	47.0	44.6	44.5
17.	22.00 – 23.00	47.0	44.5	41.2	42.2
18.	23.00 – 24.00	44.2	42.2	39.4	40.6
19.	24.00 – 01.00	42.0	40.3	38.1	37.9
20.	01.00 – 02.00	38.4	38.3	36.9	35.6
21.	02.00 – 03.00	37.0	36.1	35.2	34.2
22.	03.00 – 04.00	35.8	34.3	33.9	35.5
23.	04.00 – 05.00	37.5	35.7	34.5	36.0
24.	05.00 – 06.00	40.9	39.0	39.0	36.6
Leq day dB(A)		56.7	52.7	49.6	50.4
Leq Night dB(A)		42.0	40.0	37.9	38.2

AMBIENT NOISE LEVEL STANDARDS

Area Code	Category of Area	Limits in dB (A) Day Time	Limits in dB (A) Night Time
(A)	Industrial Area	< 75	< 70
(B)	Commercial Area	< 65	< 55
(C)	Residential Area	< 55	< 45
(D)	Silence Zone	< 50	< 40

Note: 1. Day time is reckoned in between 6 a.m. and 9 p.m., Night time is reckoned in between 9 p.m. and 6 a.m.

2. Noise monitoring were done as per standard method prescribed by IS 9876:1981 (Reaffirmed 2001) & IS 4758:1968 (Reaffirmed 2002)

Prepared by	Checked by	Authorized Signatory

VL/QEHS/5. 10/TR

H.No. 16-11-23/37/A, Flat No. 205, 2nd Floor, Opp. R.T.A. Office, Musarambagh, Malakpet, Hyderabad - 500 036.
 Tel : 040-24544320, 24541338, Mob : 98491 10019 / 94408 41338, E-mail : Info@visonlabs.com, vison.labs@gmail.com
NOTE : This Report is subject to the terms and conditions mentioned overleaf.



VISION LABS

Environmental Consultants & Analytical Services

Recognised by ISO/IEC 17025:2005 (NABL), MoEF & CC,
FSSAI, NABET-QCI, ISO 9001 : 2015 & OHSAS 18001 : 2007.

AMBIENT NOISE QUALITY MONITORING LEVELS

Issued to: Mytrah Vayu (Krisna) Private Limited. # 8001, Q-City, S.No:109, Nanakramguda, Gachibowli, Hyderabad- 500 032, India.	Issued Date	12.11.2018
Site: Mytrah Vayu (Krisna) Private Limited. Survey No:490/3, Horti Post, Taluka: Indi, District- Vijayapura, Near Inchgiri village-586117, Karnataka	Our Ref No	TC506418000003977-01
	Work Order	9300006843
	Your Ref Date	26.10.2018
Monitoring conducted by VISION LABS		

Total Average Results. Units: dB (A)

S.NO	Monitoring Time	Mahaveer Tanda Date: 05.11.2018 to 06.11.2018	Savalsang Village Date: 05.11.2018 to 06.11.2018
1.	06.00 – 07.00	39.3	40.4
2.	07.00 – 08.00	42.7	42.2
3.	08.00 – 09.00	44.5	44.5
4.	09.00 – 10.00	47.3	45.1
5.	10.00 – 11.00	49.1	48.8
6.	11.00 – 12.00	43.2	47.1
7.	12.00 – 13.00	42.7	42.8
8.	13.00 – 14.00	46.6	48.0
9.	14.00 – 15.00	43.0	47.2
10.	15.00 – 16.00	48.2	44.0
11.	16.00 – 17.00	43.1	48.3
12.	17.00 – 18.00	44.9	50.0
13.	18.00 – 19.00	49.7	47.6
14.	19.00 – 20.00	45.4	50.2
15.	20.00 – 21.00	43.2	44.7
16.	21.00 – 22.00	43.0	44.0
17.	22.00 – 23.00	39.3	41.5
18.	23.00 – 24.00	38.9	39.0
19.	24.00 – 01.00	36.5	38.3
20.	01.00 – 02.00	35.1	36.6
21.	02.00 – 03.00	36.2	34.3
22.	03.00 – 04.00	37.7	35.4
23.	04.00 – 05.00	35.4	39.0
24.	05.00 – 06.00	38.2	39.8
Leq day dB(A)		45.5	46.6
Leq Night dB(A)		37.4	38.5

AMBIENT NOISE LEVEL STANDARDS

Area Code	Category of Area	Limits in dB (A) Day Time	Limits in dB (A) Night Time
(A)	Industrial Area	< 75	< 70
(B)	Commercial Area	< 65	< 55
(C)	Residential Area	< 55	< 45
(D)	Silence Zone	< 50	< 40

Note: 1. Day time is reckoned in between 6 a.m. and 9 p.m., Night time is reckoned in between 9 p.m. and 6 a.m.

2. Noise monitoring were done as per standard method prescribed by IS 9876:1981(Reaffirmed 2001) & IS 4758:1968 (Reaffirmed 2002)

Prepared by	Checked by	Authorized Signatory

VL/QEHS/5. 10/TR

H.No. 16-11-23/37/A, Flat No. 205, 2nd Floor, Opp. R.T.A. Office, Musarambagh, Malakpet, Hyderabad - 500 036.
 Tel : 040-24544320, 24541338, Mob : 98491 10019 / 94408 41338, E-mail : Info@visionlabs.com, vision.labs@gmail.com
 NOTE : This Report is subject to the terms and conditions mentioned overleaf.



VISON LABS

Environmental Consultants & Analytical Services

Recognised by ISO/IEC 17025:2005 (NABL), MoEF & CC, FSSAI, NABET-QCI, ISO 9001 : 2015 & OHSAS 18001 : 2007.

TEST REPORT

TEST REPORT

Issued to: Mytrah Vayu (Krisna) Private Limited. # 8001, Q-City, S.No:109, Nanakramguda, Gachibowli, Hyderabad- 500 032, India. Site: Mytrah Vayu (Krisna) Private Limited. Survey No:490/3, Horti Post, Taluka: Indi. District- Vijayapura, Near Inchgiri village-586117, Karnataka		Issued Date	12.11.2018
		Our Ref No	TC506418000003978
		Work Order No	9300006843
		Your Ref Date	26.10.2018
Sample description	Drinking Water Collected at CMC Building	Mode of Packing	Pet bottle
Appearance of the Sample	Clear Liquid	Sample condition of testing	Found Ok
Sample collection date	06.11.2018	Sample Quantity	1 ltr
Sample Collection Time	02:30 pm	Analysis starting date	08.11.2018
Sample Registration date	08.11.2018	Analysis Completion date	12.11.2018
Sample collected by VISON LABS			

TEST RESULTS PHYSICAL PARAMETERS

S.No	Characteristic	Test Method	Units	Test Results	Drinking Water Limits As per IS: 10500:2012
1.	pH at 25°C	IS:3025 part 11 1983 RA-2012	--	7.42	6.5 - 8.5
2.	Turbidity	IS: 3025 Part 10 1984 RA-2002	NTU	<1.0	5 - 10
3.	Conductivity at 25°C	IS: 3025 Part 14 1984 RA-2013	µMho/cm	100	--
4.	Total Suspended Solids	IS: 3025 Part 17 1984 RA-2012	mg/L	<1.0	--
5.	Total Dissolved Solids	IS: 3025 Part 16 1984 RA-2006	mg/L	70	500-2000
6.	Colour	IS: 3025 Part 4 1983 RA-2006	Hazen	<05	5.00
7.	Taste	IS:3025 part 08 1984 RA-2002	-	Agreeable	Agreeable
8.	Odor	IS:3025 part 05 1983	-	Unobjectionable	Unobjectionable

CHEMICAL PARAMETERS

9.	Total Alkalinity as CaCO ₃	IS: 3025 Part 23 1986, RA-2003	mg/L	20	--
10.	Chlorides as Cl ⁻	IS: 3025 Part 32 1988, RA-2009	mg/L	15	250 - 1000
11.	Sulphates as SO ₄ ⁻²	IS: 3025 Part 24 1986, RA-2003	mg/L	6.6	200 - 400
12.	Nitrates as NO ₃	IS: 3025 Part 34 1988, RA-2003	mg/L	0.6	40 - 100
13.	Phosphates as PO ₄	IS: 3025 Part 31 1988, RA-2003	mg/L	<0.02	--
14.	Total Hardness as CaCO ₃	IS: 3025 Part 21 2009	mg/L	20	200 - 600
15.	Calcium as Ca	IS: 3025 Part 40 1991, RA-2009	mg/L	4.0	75 - 200
16.	Magnesium as Mg	IS: 3025 Part 46 1994, RA-2003	mg/L	2.4	30 - 100
17.	Sodium as Na	IS: 3025 Part 45 1993, RA-2009	mg/L	12.4	--
18.	Potassium as K	IS: 3025 Part 45 1993, RA-2009	mg/L	0.4	--
19.	Fluorides as F ⁻	IS: 3025 Part 60 2008	mg/L	<0.004	1 - 1.5
20.	Iron as Fe	IS: 3025 Part 53 2003, RA-2003	mg/L	<0.04	0.3 - 1
21.	Phenolic Compounds	APHA 23 rd Edition 5330D	mg/L	<0.001	0.001 - 0.002
22.	Cyanide as CN ⁻	IS 3025 Part 27 1986	mg/L	<0.001	0.005
23.	Residual Chlorine as Cl ⁻	IS 3025 Part 26 1986	mg/L	<0.001	0.2
24.	Cadmium as Cd	IS 3025 Part 41 1992	mg/L	<0.001	0.01
25.	Total Chromium as Cr	IS 3025 Part 52 2003	mg/L	<0.001	0.05
26.	Lead as Pb	IS 3025 Part 47 1994	mg/L	<0.02	0.05

VL/QEHS/5. 10/TR





VISON LABS

Environmental Consultants & Analytical Services

Recognised by ISO/IEC 17025:2005 (NABL), MoEF & CC, FSSAI, NABET-QCI, ISO 9001 : 2015 & OHSAS 18001 : 2007.

Sample description	Drinking Water Collected at CMC Building
Our Ref No	TC506418000003978

S.No	Characteristic	Test Method	Units	Test Results	Drinking Water Limits As per IS: 10500:2012
27.	Arsenic as As	IS: 3025 Part 37 1988, RA-2003	mg/L	<0.01	0.01
28.	Zinc as Zn	IS 3025 Part 49 1994	mg/L	<0.001	5 - 15
29.	Manganese as Mn	IS: 3025 Part 24 2006	mg/L	<0.001	30 - 100
30.	Copper as Cu	IS 3025 Part 42 1992	mg/L	<0.001	0.05 - 1.5
31.	Nickel as Ni	IS 3025 Part 54 2003	mg/L	<0.001	3.0 - 5.0
32.	Boron	IS 3025 Part 57 2005	mg/L	<0.001	1.00
33.	Anionic Detergents	IS 13428 Annex K	mg/L	<0.001	0.20
34.	Mineral Oil	APHA 23 rd Edition 2012	mg/L	<0.001	0.01
35.	Aluminium as Al	IS 3025 Part 55 2003	mg/L	<0.001	0.03
36.	Mercury as Hg	IS 3025 Part 48 1994	mg/L	<0.0002	0.00
37.	Pesticides	USEPA	µg/L	<0.001	<0.001
38.	Total Plate Count	IS:5402 : 2012	CFU/mL	Not detected	Must not be Detected
39.	E. Coli	IS: 15185 : 2016	CFU/100mL	Not detected	Must not be Detected

Page 2 of 2

Checked by	Sr. Chemist	Authorized Signatory



VL/QEHS/5. 10/TR

H.No. 16-11-23/37/A, Flat No. 205, 2nd Floor, Opp. R.T.A. Office, Musarambagh, Malakpet, Hyderabad - 500 036.
 Tel : 040-24544320, 24541338, Mob : 98491 10019 / 94408 41338, E-mail : Info@visonlabs.com, vison.labs@gmail.com
 NOTE : This Report is subject to the terms and conditions mentioned overleaf.



VISON LABS

Environmental Consultants & Analytical Services

Recognised by ISO/IEC 17025:2005 (NABL), MoEF & CC, FSSAI, NABET-QCI, ISO 9001 : 2015 & OHSAS 18001 : 2007.

TEST REPORT

Issued to: Mytrah Vayu (Krisna) Private Limited. # 8001, Q-City, S.No:109, Nanakramguda, Gachibowli, Hyderabad- 500 032, India. Site: Mytrah Vayu (Krisna) Private Limited. Survey No:490/3, Horti Post, Taluka: Indi. District- Vijayapura, Near Inchgiri village-586117, Karnataka		Issued Date	12.11.2018
		Our Ref No	TC506418000003979
		Work Order No	9300006843
		Your Ref Date	26.10.2018
Sample description	Drinking Water Collected at Horti Village Plant Area	Mode of Packing	Pet bottle
Appearance of the Sample	Clear Liquid	Sample condition of testing	Found Ok
Sample collection date	06.11.2018	Sample Quantity	1 ltr
Sample Collection Time	2:40 pm	Analysis starting date	08.11.2018
Sample Registration date	08.11.2018	Analysis Completion date	12.11.2018
Sample collected by VISON LABS			

TEST RESULTS PHYSICAL PARAMETERS

S.No	Characteristic	Test Method	Units	Test Results	Drinking Water Limits As per IS: 10500:2012
1.	pH at 25°C	IS:3025 part 11 1983 RA-2012	--	7.15	6.5 - 8.5
2.	Turbidity	IS: 3025 Part 10 1984 RA-2002	NTU	<1.0	5 - 10
3.	Conductivity at 25°C	IS: 3025 Part 14 1984 RA-2013	µMho/cm	62	--
4.	Total Suspended Solids	IS: 3025 Part 17 1984 RA-2012	mg/L	<1.0	--
5.	Total Dissolved Solids	IS: 3025 Part 16 1984 RA-2006	mg/L	42	500-2000
6.	Colour	IS: 3025 Part 4 1983 RA-2006	Hazen	<05	5.00
7.	Taste	IS:3025 part 08 1984 RA-2002	-	Agreeable	Agreeable
8.	Odor	IS:3025 part 05 1983	-	Unobjectionable	Unobjectionable

CHEMICAL PARAMETERS

9.	Total Alkalinity as CaCO ₃	IS: 3025 Part 23 1986, RA-2003	mg/L	18	--
10.	Chlorides as Cl ⁻	IS: 3025 Part 32 1988, RA-2009	mg/L	7.5	250 - 1000
11.	Sulphates as SO ₄ ⁻²	IS: 3025 Part 24 1986, RA-2003	mg/L	0.9	200 - 400
12.	Nitrates as NO ₃	IS: 3025 Part 34 1988, RA-2003	mg/L	0.3	40 - 100
13.	Phosphates as PO ₄	IS: 3025 Part 31 1988, RA-2003	mg/L	<0.002	--
14.	Total Hardness as CaCO ₃	IS: 3025 Part 21 2009	mg/L	20	200 - 600
15.	Calcium as Ca	IS: 3025 Part 40 1991, RA-2009	mg/L	4.0	75 - 200
16.	Magnesium as Mg	IS: 3025 Part 46 1994, RA-2003	mg/L	2.4	30 - 100
17.	Sodium as Na	IS: 3025 Part 45 1993, RA-2009	mg/L	4.0	--
18.	Potassium as K	IS: 3025 Part 45 1993, RA-2009	mg/L	0.2	--
19.	Fluorides as F ⁻	IS: 3025 Part 60 2008	mg/L	<0.004	1 - 1.5
20.	Iron as Fe	IS: 3025 Part 53 2003, RA-2003	mg/L	<0.04	0.3 - 1
21.	Phenolic Compounds	APHA 23 rd Edition 5330D	mg/L	<0.001	0.001 - 0.002
22.	Cyanide as CN ⁻	IS 3025 Part 27 1986	mg/L	<0.001	0.005
23.	Residual Chlorine as Cl ⁻	IS 3025 Part 26 1986	mg/L	<0.001	0.2
24.	Cadmium as Cd	IS 3025 Part 41 1992	mg/L	<0.001	0.01
25.	Total Chromium as Cr	IS 3025 Part 52 2003	mg/L	<0.001	0.05
26.	Lead as Pb	IS 3025 Part 47 1994	mg/L	<0.02	0.05

Page 1 of 2

VL/QEHS/5. 10/TR



H.No. 16-11-23/37/A, Flat No. 205, 2nd Floor, Opp. R.T.A. Office, Musarambagh, Malakpet, Hyderabad - 500 036.
Tel : 040-24544320, 24541338, Mob : 98491 10019 / 94408 41338, E-mail : Info@visonlabs.com, vison.labs@gmail.com
NOTE : This Report is subject to the terms and conditions mentioned overleaf.



VISON LABS

Environmental Consultants & Analytical Services

Recognised by ISO/IEC 17025:2005 (NABL), MoEF & CC,
FSSAI, NABET-QCI, ISO 9001 : 2015 & OHSAS 18001 : 2007.

Sample description	Drinking Water Collected at Horti Village Plant Area
Our Ref No	TC506418000003979

S.No	Characteristic	Test Method	Units	Test Results	Drinking Water Limits As per IS: 10500:2012
27.	Arsenic as As	IS: 3025 Part 37 1988, RA-2003	mg/L	<0.01	0.01
28.	Zinc as Zn	IS 3025 Part 49 1994	mg/L	<0.001	5 - 15
29.	Manganese as Mn	IS: 3025 Part 24 2006	mg/L	<0.001	30 - 100
30.	Copper as Cu	IS 3025 Part 42 1992	mg/L	<0.001	0.05 - 1.5
31.	Nickel as Ni	IS 3025 Part 54 2003	mg/L	<0.001	3.0 - 5.0
32.	Boron	IS 3025 Part 57 2005	mg/L	<0.001	1.00
33.	Anionic Detergents	IS 13428 Annex K	mg/L	<0.001	0.20
34.	Mineral Oil	APHA 23 rd Edition 2012	mg/L	<0.001	0.01
35.	Aluminium as Al	IS 3025 Part 55 2003	mg/L	<0.001	0.03
36.	Mercury as Hg	IS 3025 Part 48 1994	mg/L	<0.0002	0.00
37.	Pesticides	USEPA	µg/L	<0.001	<0.001
38.	Total Plate Count	IS:5402 : 2012	CFU/mL	Not detected	Must not be Detected
39.	E. Coli	IS: 15185 : 2016	CFU/100mL	Not detected	Must not be Detected

Page 2 of 2

Checked by	Sr. Chemist	Authorized Signatory



VL/QEHS/5. 10/TR

H.No. 16-11-23/37/A, Flat No. 205, 2nd Floor, Opp. R.T.A. Office, Musarambagh, Malakpet, Hyderabad - 500 036.
 Tel : 040-24544320, 24541338, Mob : 98491 10019 / 94408 41338, E-mail : Info@visonlabs.com, vison.labs@gmail.com

NOTE : This Report is subject to the terms and conditions mentioned overleaf.



VISON LABS

Environmental Consultants & Analytical Services

Recognised by ISO/IEC 17025:2005 (NABL), MoEF & CC,
FSSAI, NABET-QCI, ISO 9001 : 2015 & OHSAS 18001 : 2007.

TEST REPORT

Issued to: Mytrah Vayu (Krisna) Private Limited. # 8001, Q-City, S.No:109, Nanakramguda, Gachibowli, Hyderabad- 500 032, India. Site: Mytrah Vayu (Krisna) Private Limited. Survey No:490/3, Horti Post, Taluka: Indi. District- Vijayapura, Near Inchgiri village-586117, Karnataka		Issued Date	12.11.2018
		Our Ref No	TC506418000003980
		Work Order No	9300006843
		Your Ref Date	26.10.2018
Sample description	Drinking Water Collected at Vijayapura Guest House	Mode of Packing	Pet bottle
Appearance of the Sample	Clear Liquid	Sample condition of testing	Found Ok
Sample collection date	06.11.2018	Sample Quantity	1 ltr
Sample Collection Time	1:30 pm	Analysis starting date	08.11.2018
Sample Registration date	08.11.2018	Analysis Completion date	12.11.2018
Sample collected by VISON LABS			

TEST RESULTS PHYSICAL PARAMETERS

S.No	Characteristic	Test Method	Units	Test Results	Drinking Water Limits As per IS: 10500:2012
1.	pH at 25°C	IS:3025 part 11 1983 RA-2012	--	6.84	6.5 - 8.5
2.	Turbidity	IS: 3025 Part 10 1984 RA-2002	NTU	<1.0	5 - 10
3.	Conductivity at 25°C	IS: 3025 Part 14 1984 RA-2013	µMho/cm	125	--
4.	Total Suspended Solids	IS: 3025 Part 17 1984 RA-2012	mg/L	<1.0	--
5.	Total Dissolved Solids	IS: 3025 Part 16 1984 RA-2006	mg/L	86	500-2000
6.	Colour	IS: 3025 Part 4 1983 RA-2006	Hazen	<05	5.00
7.	Taste	IS:3025 part 08 1984 RA-2002	-	Agreeable	Agreeable
8.	Odor	IS:3025 part 05 1983	-	Unobjectionable	Unobjectionable

CHEMICAL PARAMETERS

9.	Total Alkalinity as CaCO ₃	IS: 3025 Part 23 1986, RA-2003	mg/L	20	--
10.	Chlorides as Cl ⁻	IS: 3025 Part 32 1988, RA-2009	mg/L	25	250 - 1000
11.	Sulphates as SO ₄ ⁻²	IS: 3025 Part 24 1986, RA-2003	mg/L	5.5	200 - 400
12.	Nitrates as NO ₃	IS: 3025 Part 34 1988, RA-2003	mg/L	0.3	40 - 100
13.	Phosphates as PO ₄	IS: 3025 Part 31 1988, RA-2003	mg/L	<0.02	--
14.	Total Hardness as CaCO ₃	IS: 3025 Part 21 2009	mg/L	20	200 - 600
15.	Calcium as Ca	IS: 3025 Part 40 1991, RA-2009	mg/L	4.0	75 - 200
16.	Magnesium as Mg	IS: 3025 Part 46 1994, RA-2003	mg/L	2.4	30 - 100
17.	Sodium as Na	IS: 3025 Part 45 1993, RA-2009	mg/L	18.4	--
18.	Potassium as K	IS: 3025 Part 45 1993, RA-2009	mg/L	0.2	--
19.	Fluorides as F ⁻	IS: 3025 Part 60 2008	mg/L	<0.004	1 - 1.5
20.	Iron as Fe	IS: 3025 Part 53 2003, RA-2003	mg/L	<0.04	0.3 - 1
21.	Phenolic Compounds	APHA 23 rd Edition 5330D	mg/L	<0.001	0.001 - 0.002
22.	Cyanide as CN ⁻	IS 3025 Part 27 1986	mg/L	<0.001	0.005
23.	Residual Chlorine as Cl ⁻	IS 3025 Part 26 1986	mg/L	<0.001	0.2
24.	Cadmium as Cd	IS 3025 Part 41 1992	mg/L	<0.001	0.01
25.	Total Chromium as Cr	IS 3025 Part 52 2003	mg/L	<0.001	0.05
26.	Lead as Pb	IS 3025 Part 47 1994	mg/L	<0.02	0.05

Page 1 of 2

VL/QEHS/5. 10/TR



H.No. 16-11-23/37/A, Flat No. 205, 2nd Floor, Opp. R.T.A. Office, Musarambagh, Malakpet, Hyderabad - 500 036.
Tel : 040-24544320, 24541338, Mob : 98491 10019 / 94408 41338, E-mail : Info@visonlabs.com, vison.labs@gmail.com

NOTE : This Report is subject to the terms and conditions mentioned overleaf.