

# Environmental and Social Due Diligence Report

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Project Number: 47083-004  
November 2020

## INDIA: Accelerating Infrastructure Investment Facility in India – Tranche 3 Parsuram Arawali Highways Private Ltd. (Part 2 of 3)

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

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**MAHARASHTRA POLLUTION CONTROL BOARD**  
**SUB REGIONAL OFFICE, CHIPLUN**

Tel No: (02355) 261570  
Fax No: (02355) 261570  
Email: srochiplun@mpcb.gov.in  
Website: http://mpcb.gov.in



224, Parkar Complex,  
Behind Nagar Parishad,  
Chiplun, Dist Ratnagiri-  
415605

Green/S.S.I

Date: 03/05/2018

Consent No: SRO-CHIPLUN/Consent/1805000097/18

Consent to operate under Section 26 of the Water (Prevention and Control of Pollution) Act, 1974 under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 and Authorization/Renewal of Authorization under Rule 5 of the Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008.  
[To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

CONSENT is hereby granted to

M/s. Chetak Enterprises Ltd.,  
Gat No.1144, Kamathe  
Mumbai Goa Highway,  
Tal -Chiplun, Dist Ratnagiri.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to operate is granted for a period up to 31.03.2027
2. The Consent is valid the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Ready Mix Concrete	25000	M <sup>3</sup> /Month

( For captive use only)

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 10.0 CMD
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 3.0 CMD.

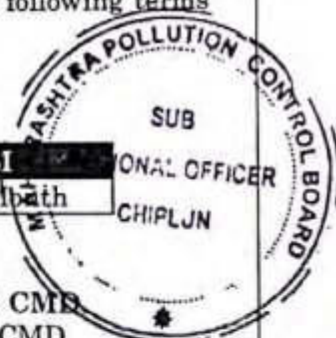
(iii) Trade Effluent :

1. The waste water generated from the sources like Batching Plant washing Transit Mixer washing, vehicle tyre washing and floor washing area shall be collected through well designed drainage system in a collection tank and the same shall be treated by providing comprehensive system as is warranted to meet the disposal standards mentioned below:

**Standards of the treated effluent Quality**

1. pH	Between	5.5 to 9.0
2. Oil & Grease	Not to exceed	10 mg/l.
3. Suspended Solids	Not to exceed	100 mg/l.
4. BOD 3 days	Not to exceed	30 mg/l.
5. COD	Not to exceed	150 mg/l
6. TDS	Not to exceed	2100 mg/l

*Ravi*





(iv) **Trade Effluent Disposal :**

1. The treated effluent entirely shall be reused in the process, There should not be any discharge of effluent outside from the plant .

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

(1) Suspended Solids	Not to exceed	100	mg/l.
(2) BOD 3 days 27 °C.	Not to exceed	100	mg/l.

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be used on land for gardening/plantation only. There shall be no any discharge outside the factory premises.

(vii) **Non-Hazardous Solid Wastes:**

Solid waste from transit mixture washing, muck (debris/sludge) generated from RMC shall either be reused through recovery unit/ Reclaiming system OR disposed off at a designated approved site by local body, for debris / construction waste

(viii) **Other Conditions:** -----.

4. **The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under**

The daily water consumption for the following categories is as under:

(i) Domestic purpose	...	5.0 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable	...	125.00 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic	...	0.00 CMD
(iv) Industrial Cooling, spraying in mine pits or boiler feed	...	0.00 CMD



The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

5. **CONDITIONS UNDER AIR ACT:**

- (i) The applicant shall install a comprehensive control system consisting of control equipment as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

(i) SPM/TPM	Not to exceed	150 mg/Nm <sup>3</sup>
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a. **Air -Pollution Control**

i) **In-house measures;**

1. All material transfer point should be covered.
2. The dust containment system shall be provide incorporating either of the following
  - Barricading all around the periphery of the plot boundary with height of minimum 20 feet or 5 feet above free fall air emission area, whichever is higher with appropriate material. Same may extend above with netlon clothing whenever required.
  - Water sprinkling/ Chemicals dust stabilizing agent spraying system along the periphery inside the premises of RMC.
  - Tree plantation along the periphery inside boundary of RMC premises having minimum width of 5 meters, on all sides. The foliage of the tree shall adequately cover area up to about 20 m height.
3. Internal work area shall be, cement concreted/Asphalted.

*Ravi*



- (ii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
1	DG set 125KVA	3.5 Mtrs above roof

- (iii) The applicant shall provide ports in the chimney/(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- (iv) Ready mix concrete industry shall comply with the provisions under the Noise pollution (Regulation & Control) Rule 2000, to Control Noise Pollution.
- (v) Other Conditions:
- 1) The industry should not cause any nuisance in surrounding area.

**8. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:**

- (i) The Industry shall not generate any type of hazardous wastes.

- (ii) Treatment: - NIL

1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
  2. The industry should comply with the Hazardous Waste (M, H&T) Rules, 2008.
- a. Whenever due to any accident or gas leakage or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Collector, Directorate of Industry, Safety and Health, Police Station, Fire Brigade, Directorate of Health Services, Department of Explosives, Board and Local Body and the production process should be stopped taking all necessary safety measures. The industry shall also monitor the emission and ensure that the emissions do not cause any harm or nuisance in the surrounding. The industry should not restart the process without permission of the Board and other statutory organization as require under the law.
- b. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office.
- c. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous Waste (Management & Handling) Rules, 1989 as amended on 2003 and shown & submitted to the Board as & when asked for.

**9. Industry shall comply with following additional conditions:**

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste - The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.

*Ravi*



4. Daily cleaning/Removal of dust accumulation inside the plant(dry/wet)shall be carry out, with industrial vacuum cleaner.
5. Two level tyre washing shall be provided at entry and exit points, for transit mixture vehicle.

ii) **Raw material storage & handling ;**

1. Storage silos of cement & fly ash shall be equipped with adequate capacity of dust collection system such as multi-cyclone followed by bag house assembly.
2. Handling of cement, sand, fly ash and aggregates shall be carried out with mechanical closed system only.
3. Manual operations shall be permitted only in a closed shed, equipped with dust control system at the loading point as well as roof top secondary dust control system.
4. All conveyor belts of sand, aggregate shall be covered with in sheets and at transfer points dust collection system to be installed to avoid secondary fugitive emissions.
5. Mixing section of cement aggregate & sand shall be equipped with adequate capacity dust collection system, such as multi-cyclone followed by bag house, so as to limit dust emissions.
6. Storage area of sand & aggregate shallbe equipped with roof top water sprinkler system.
7. The operation of the plant shall be interlocked with air pollution control devices.
8. Alternative power supply system, should cover both the production and Air pollution Control system.

iii) The unit shall monitor ambient air quality at the plot boundary and meet the following ambient air quality standards (24 hours Average)

Particulate Matter PM 10	Not to Exceed	100	ug/m3
Particulate Matter PM 2.5	Not to Exceed	60	ug/m3

a) Commercial plants shall install continuous ambient air quality monitoring station (CAAQMS) within the premises.

b) Captive plant shall carry out ambient air quality monitoring twice in week for 24 hours.

6. **Conditions for D.G. Set: DG set .**

- a) Noise from the D.G set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/acoustic treatment of the room should be designed for minimum 25 dB (A)Insertion loss or, for meeting the ambient noise standards, whichever is on higher side . A suitable exhaust muffler with insertion loss of 25 dB (A)shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- c) Industry should make efforts to bring down noise level due to DG set outside industrial premises, within ambient noise requirements by proper siting and control measures
- d) Installation of DG set must be strictly in compliance with recommendations of DG set manufacturer.
- e) A proper routing and preventive maintenance procedure for DG set should be set and followed in consultation with DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
- f) D.G.set shall be operated only in case of power failure.
- g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G set.
- h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator set run with diesel.

7. **Standards for Stack Emissions:**

(i) **The applicant shall observe the following fuel pattern:-**

Sr. No.	Type Of Fuel	Quantity	UOM
1	HSD	12	Kg/H

*Ravi*



- vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
  - vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
  - viii. The firm shall submit to this office, the 30<sup>th</sup> day of September every year, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
  - ix. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
  - x. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
  - xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
  - xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
10. Board reserves right of revoke, suspend or amend the consent issued.
  11. Industry shall obtain NOC from CGWA for use of ground water if any.
  12. RMC Plant shall comply the guidelines under notification issued by MPCB vide No. MPCB/AS(T)/TB/B-4363 dated 07/11/2016
  13. Industry shall submit Bank Guarantee of Rs 50000/- to Regional Office, M.P.C. Board, Kolhapur within fifteen days which shall be valid up to 31.03.2027 towards compliance of consent conditions
  14. Consent to operate is granted subject to obtaining necessary permission from other Govt. Authority as applicable and as required.
  15. The Capital investment of the industry is Rs.200 Lakh

To,  
M/s Chetak Enterprises Ltd,  
Gat No.1144, Kamathe  
Mumbai Goa Highway,  
Tal -Chiplun, Dist Ratnagiri \

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	45000	7604817	24.01.2018	NEFT axis Bank

Copy to:

The Regional Officer, M.P.C. Board, Kolhapur



*Ravi*  
(R.B.Andhale)  
Sub Regional Officer



# MAHARASHATRA POLLUTION CONTROL BOARD

Phone : 02355-261570

Fax : 02355-261570

Email : [srochiplun@mpcb.gov.in](mailto:srochiplun@mpcb.gov.in)

Visit At : <http://mpcb.gov.in>



SUB REGIONAL OFFICE, CHIPLUN.

224, Parkar Complex,  
Behind Nagar Parishad,  
Chiplun, Dist- Ratnagiri-415605

Green/S.S.I

Consent No: MPCB/1905000547/19

Date : 09/05/2019

Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008

[To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

CONSENT is hereby granted to

M/s. CHETAK ENTERPRISES LIMITED,  
Gat No- 1644/1, Mumbai Goa Highway, Khershet ,  
Tal-Chiplun, Dist- Ratnagiri.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to: 31/05/2022.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Ready Mix Concrete Plant (For Captive purpose Only)	600	Cub. Mtr/Day

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall be not exceed  $0.8 \text{ M}^3$
- (ii) The daily quantity of sewage effluent from the factory shall not exceed  $1.0 \text{ M}^3$ .
- (iii) Trade Effluent:-

(I) The waste water generated from the sources like Batching Plant. Transit Mixer washing. Vehicle tyre washing and floor washing area shall be collected through well designed drainage system in a collection tank and the same shall be treated by providing comprehensive treatment system as is warranted to meet the disposal standards mentioned below.

Standards of the treated effluent Quantity:

Sr. No.	Parameter		Standards
1.	pH	Between	5.5 to 9.0
2.	Oil & Grease	Not to exceed	10 mg/l.
3.	Suspended Solids	Not to exceed	100 mg/l.
4.	BOD 3 days	Not to exceed	30 mg/l.
5.	COD	Not to exceed	150 mg/l.
6.	TDS	Not to exceed	2100 mg/l.

- (II) Trade Effluent Disposal:





The treated effluent shall be reused in the process or for water sprinkling system or gardening / plantation only. There should not any discharge of effluent from the plant.

- (III) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

(1) Suspended Solids	Not to exceed	100	mg/l.
(2) BOD 3 days 27° C.	Not to exceed	30	mg/l.

- (IV) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

- (V) **Other Conditions:**

The authority shall provide adequate water treatment and disposal facility for generated effluent from their activity. They shall comply with provisions under the Water (Prevention and control Pollution) Act, 1974.

- (VI) Industry shall submit Environmental Assessment Report taken into consideration for environment assessment for material handling along with capacity and their storage arrangement and meteorological study specifically with directions & accordingly prepare plan to control of fugitive emissions / dust particles & suppression system.

4. **Noise pollution Control Measures:-**

Ready Mix Concrete industry shall comply with the provisions under the Noise pollution (Regulation and Control) Rule 2000, to control Noise Pollution.

5. **Solid Wastes treatment and disposal:**

i) Solid waste from transit mixture washing, muck (debris/sludge) generated from RMC shall either be reused through recovery unit/Reclaiming system OR disposed off a approved site by local body for debris / construction waste.

ii) Operation of RMC plant shall be in day time only. The day time is reckoned in between 6 a.m. and 10 p.m.

6. **The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under**

The daily water consumption for the following categories is as under:

(i) Domestic purpose	...	1.00 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable (product mixing / vessel washing) ...		5.00 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic ...		0.00 CMD
(iv) Industrial Cooling, spraying in mine pits or boiler feed ...		1.00 CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

7. **CONDITIONS UNDER AIR ACT:**

The applicant shall install a comprehensive control system consisting of control equipment's as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

- (i) **In-house measures:-**



1. All material transfer points should be covered
2. The dust containment system shall be provided incorporating either of the following:
  - Barricading all around the periphery of the plot boundary of height minimum 20 feet or 5 feet above free fall air emission area. Whichever is height with tin sheets. Same may extend above with netlon clothing whenever required.
  - Water sprinkling/Chemical dust stabilizing agent spraying system along the periphery inside the premises of RMC.
  - Tree plantation along the periphery inside boundary of the RMC premises having minimum width of 5 meters, on all sides. The foliage of the trees shall adequately cover area upto about 20m height.
3. Internal work area shall be, cement concreted/Asphalted.
4. Daily cleaning / Removal of dust accumulation inside the plant (dry/wet) shall be carry out with industrial vacuum cleaner.
5. Two level type washing facility shall be provided at entry and exit points, for transit mixture vehicle.

**(ii) Raw material storage & handling:-**

1. Storage silos of cement & fly-ash shall be adequate capacity of dust Collection system such as multi – cyclone followed by bag house assembly.
2. Handling of Cement, sand, fly ash and aggregates shall be carried out with mechanical closed system only.
3. Manual operations shall be permitted only in a closed shed, equipped with dust control system at the loading point as well as roof top secondary dust control system.
4. All Conveyor belts of Sand, aggregate shall be covered with tin sheets and at points dust collection system to be installed to avoid secondary fugitive emissions.
5. Mixing section of cement, aggregate & sand shall be equipped with adequate capacity dust collection system, such as multi-cyclone followed by bag houses, so as to limit dust emissions.
6. Storage area of sand & aggregates shall be equipped with roof top water sprinkler system.
7. The production plant shall be interlocked with air pollution control system.
8. Alternative power supply system should cover both the production and Air Pollution control system.

- (iii)** The unit shall monitor ambient air quality at the plot boundary and meet the following ambient air quality standards (24 hours Average)

Particulate Matter PM 10	Not to Exceed	100 mg/m <sup>3</sup>
Particulate Matter PM 2.5	Not to Exceed	60 mg/m <sup>3</sup>

(a) Commercial plants shall install continuous ambient air quality monitoring station (CAAQMS) within the premises.

**8. Conditions for D.G. Set**

- a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise



standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.

- c. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- d. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- e. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- f. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
- g. D.G. Set shall be operated only in case of power failure
- h. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

i. **Standards for the Stack emissions :-**

- (i) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1.	Disel	50	Lit/Day

- (ii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
1.	D.G. set (315 KVA)	3.0 mtr height above the roof

(iii) **Other Conditions:**

1. The authority shall provide adequate Air pollution control arraignment at the source. They shall comply with the provisions under the Air (Prevention and Control of Pollution) Act, 1981 and conditions prescribed as above.
2. The remediation and restoration measures shall be taken by the project proponent in case of any environmental pollution in the surrounding area due to emission / effluent in excess of the standards being discharged / emitted in to the environment and violation of consent conditions and thereby causing environmental pollution.

- (iv) The industry should not cause any nuisance in surrounding area.

**CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2008:**

- (i) The Industry shall handle hazardous wastes as specified below.

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
		NA		

- (ii) Treatment: - NIL

Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Collector, Directorate of Industry, Safety & Health, Police Satiatiion, Fire Brigade, Directorate of Health Services,

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Department of Explosives, Board & Local Body and the Production process should be stopped by taking all necessary safety measures. The industry shall also monitor the emission and ensure that the emissions do not cause any harm or nuisance in the surrounding. The industry should not restart the process without permission of the Board and other statutory organization as require under the law.

**9. Industry shall comply with following additional conditions:**

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste - The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
- vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- viii. The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- x. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.



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10. The applicant shall carry out meteorological study specifically with directions & accordingly prepare plan to control of fugitive emissions / dust particles & suppression system.
11. In case of failure of pollution control equipments, the production process connected to it shall be stopped, and shall not be restarted unless permission is obtained from Board.
12. This consent is issued as per the directive issued by Board's circular (guidelines for RMC plant) vide no. MPCB/ AS (T)/TB/B-4453 dtd. 15.11.2016
13. The Board reserves the right to review, amend, suspend revoke etc., this consent and the same shall be binding to the applicant.
14. This consent should not be construed as exemption from obtaining Necessary NOC from any other Government authority.
15. The applicant shall obtained & submit permission / NOC from Central Ground Water Authority (CGWA) Government of India for Abstraction/ Use of Ground Water.
16. The applicant shall comply with the provision of E-Waste Management Rules, 2016.
17. The applicant shall comply with the provision of the Batteries (Management & Handling) Rules, 2001.
18. The project proponent should comply with other locational statutory requirements in force such as DC Rules, etc.
19. The industry shall not start any commercial/trial processes unless Obtain Consent to operate from Maharashtra Pollution Control Board.
20. This consent is issued subject to compliance of guidelines for the RMC plant as per Gazette Notification dtd. 7/11/2016.
21. This consent is granted as per delegation of power to Sub Regional Officer, vide Board's Circular No. BO/P&L Div/B-1160 dtd. 01.03.2013.
22. The Capital investment of the industry is Rs. 180.4 Lakhs.



For and on behalf of the  
Maharashtra Pollution Control Board

(R.B.Andhale)  
Sub Regional Officer, Chiplun

To,  
M/s. CHETAK ENTERPRISES LIMITED,  
Gat No- 1644/1, Mumbai Goa Highway, Khershet ,  
Tal-Chiplun, Dist- Ratnagiri.

Received Consent fee of -

Sr. No.	Amount(Rs.)	DR. No.	Date	Drawn On
1	15000	5451240	26.04.2019	Axis Bank

Copy submitted to :-

- 1) Chief Account Officer, M. P. C. Board, Sion, Mumbai.
- 2) Regional Officer, M. P. C. Board, Kolhapur.

# MAHARASHATRA POLLUTION CONTROL BOARD

Phone : 02355-261570

Fax : 02355-261570

Email : [srochiplun@mpcb.gov.in](mailto:srochiplun@mpcb.gov.in)

Visit At : <http://mpcb.gov.in>



SUB REGIONAL OFFICE, CHIPLUN.

224, Parkar Complex,  
Behind Nagar Parishad,  
Chiplun, Dist- Ratnagiri-415605

Green/S.S.I

Consent No: MPCB/1905000548/19

Date : 09/05/2019

Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008

[To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

CONSENT is hereby granted to

M/s. CHETAK ENTERPRISES LIMITED,  
Gat No- 1459, Mumbai Goa Highway, Kamathe,  
Tal-Chiplun, Dist- Ratnagiri.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to: 31/05/2022.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Ready Mix Concrete Plant (For Captive purpose Only)	600	Cub. Mtr/Day

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall be not exceed  $0.6 \text{ M}^3$
- (ii) The daily quantity of sewage effluent from the factory shall not exceed  $0.8 \text{ M}^3$ .
- (iii) Trade Effluent:-

(I) The waste water generated from the sources like Batching Plant, Transit Mixer washing, Vehicle tyre washing and floor washing area shall be collected through well designed drainage system in a collection tank and the same shall be treated by providing comprehensive treatment system as is warranted to meet the disposal standards mentioned below.

Standards of the treated effluent Quantity:

Sr. No.	Parameter		Standards
1.	pH	Between	5.5 to 9.0
2.	Oil & Grease	Not to exceed	10 mg/l.
3.	Suspended Solids	Not to exceed	100 mg/l.
4.	BOD 3 days	Not to exceed	30 mg/l.
5.	COD	Not to exceed	150 mg/l.
6.	TDS	Not to exceed	2100 mg/l.

- (II) Trade Effluent Disposal:





The treated effluent shall be reused in the process or for water sprinkling system or gardening / plantation only. There should not any discharge of effluent from the plant.

- (III) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

(1) Suspended Solids Not to exceed 100 mg/l.

(2) BOD 3 days 27° C. Not to exceed 30 mg/l.

- (IV) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

- (V) **Other Conditions:**

The authority shall provide adequate water treatment and disposal facility for generated effluent from their activity. They shall comply with provisions under the Water (Prevention and control Pollution) Act, 1974.

- (VI) Industry shall submit Environmental Assessment Report taken into consideration for environment assessment for material handling along with capacity and their storage arrangement and meteorological study specifically with directions & accordingly prepare plan to control of fugitive emissions / dust particles & suppression system.

4. **Noise pollution Control Measures:-**

Ready Mix Concrete industry shall comply with the provisions under the Noise pollution (Regulation and Control) Rule 2000, to control Noise Pollution.

5. **Solid Wastes treatment and disposal:**

i) Solid waste from transit mixture washing, muck (debris/sludge) generated from RMC shall either be reused through recovery unit/Reclaiming system OR disposed off a approved site by local body for debris / construction waste.

ii) Operation of RMC plant shall be in day time only. The day time is reckoned in between 6 a.m. and 10 p.m.

6. **The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under**

The daily water consumption for the following categories is as under:

(i) Domestic purpose ... 1.00 CMD

(ii) Water gets Polluted & Pollutants are Biodegradable (product mixing / vessel washing) ... 4.00 CMD

(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic ... 0.00 CMD

(iv) Industrial Cooling, spraying in mine pits or boiler feed ... 1.00 CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

7. **CONDITIONS UNDER AIR ACT:**

The applicant shall install a comprehensive control system consisting of control equipment's as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

- (i) **In-house measures:-**



1. All material transfer points should be covered
2. The dust containment system shall be provided incorporating either of the following:
  - Barricading all around the periphery of the plot boundary of height minimum 20 feet or 5 feet above free fall air emission area. Whichever is height with tin sheets. Same may extend above with netlon clothing whenever required.
  - Water sprinkling/Chemical dust stabilizing agent spraying system along the periphery inside the premises of RMC.
  - Tree plantation along the periphery inside boundary of the RMC premises having minimum width of 5 meters, on all sides. The foliage of the trees shall adequately cover area upto about 20m height.
3. Internal work area shall be, cement concreted/Asphalted.
4. Daily cleaning / Removal of dust accumulation inside the plant (dry/wet) shall be carry out with industrial vacuum cleaner.
5. Two level type washing facility shall be provided at entry and exit points, for transit mixture vehicle.

**(ii) Raw material storage & handling:-**

1. Storage silos of cement & fly-ash shall be adequate capacity of dust Collection system such as multi – cyclone followed by bag house assembly.
2. Handling of Cement, sand, fly ash and aggregates shall be carried out with mechanical closed system only.
3. Manual operations shall be permitted only in a closed shed, equipped with dust control system at the loading point as well as roof top secondary dust control system.
4. All Conveyor belts of Sand, aggregate shall be covered with tin sheets and at points dust collection system to be installed to avoid secondary fugitive emissions.
5. Mixing section of cement, aggregate & sand shall be equipped with adequate capacity dust collection system, such as multi-cyclone followed by bag houses, so as to limit dust emissions.
6. Storage area of sand & aggregates shall be equipped with roof top water sprinkler system.
7. The production plant shall be interlocked with air pollution control system.
8. Alternative power supply system should cover both the production and Air Pollution control system.

**(iii)** The unit shall monitor ambient air quality at the plot boundary and meet the following ambient air quality standards (24 hours Average)

Particulate Matter PM 10	Not to Exceed	100 mg/m <sup>3</sup>
Particulate Matter PM 2.5	Not to Exceed	60 mg/m <sup>3</sup>

(a) Commercial plants shall install continuous ambient air quality monitoring station (CAAQMS) within the premises.

**8. Conditions for D.G. Set**

- a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise



*Ravi*



standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.

- c. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- d. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- e. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- f. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
- g. D.G. Set shall be operated only in case of power failure
- h. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

**Standards for the Stack emissions :-**

- i. (i) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1.	Disel	50	Lit/Day

- (ii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
1.	D.G. set (315 KVA)	3.0 mtr height above the roof

- (iii) Other Conditions:

1. The authority shall provide adequate Air pollution control arraignment at the source. They shall comply with the provisions under the Air (Prevention and Control of Pollution) Act, 1981 and conditions prescribed as above.
2. The remediation and restoration measures shall be taken by the project proponent in case of any environmental pollution in the surrounding area due to emission / effluent in excess of the standards being discharged / emitted in to the environment and violation of consent conditions and thereby causing environmental pollution.

- (iv) The industry should not cause any nuisance in surrounding area.

**CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:**

- (i) The Industry shall handle hazardous wastes as specified below.

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
		NA		

- (ii) Treatment: - NIL

Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Collector, Directorate of Industry, Safety & Health, Police Satiaton, Fire Brigade, Directorate of Health Services,

*Rai*



Department of Explosives, Board & Local Body and the Production process should be stopped by taking all necessary safety measures. The industry shall also monitor the emission and ensure that the emissions do not cause any harm or nuisance in the surrounding. The industry should not restart the process without permission of the Board and other statutory organization as require under the law.

**9. Industry shall comply with following additional conditions:**

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste - The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
- vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- viii. The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- x. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.



*Pai*



10. The applicant shall carry out meteorological study specifically with directions & accordingly prepare plan to control of fugitive emissions / dust particles & suppression system.
11. In case of failure of pollution control equipments, the production process connected to it shall be stopped, and shall not be restarted unless permission is obtained from Board.
12. This consent is issued as per the directive issued by Board's circular (guidelines for RMC plant) vide no. MPCB/ AS (T)/TB/B-4453 dtd. 15.11.2016
13. The Board reserves the right to review, amend, suspend revoke etc., this consent and the same shall be binding to the applicant.
14. This consent should not be construed as exemption from obtaining Necessary NOC from any other Government authority.
15. The applicant shall obtained & submit permission / NOC from Central Ground Water Authority (CGWA) Government of India for Abstraction/ Use of Ground Water.
16. The applicant shall comply with the provision of E-Waste Management Rules, 2016.
17. The applicant shall comply with the provision of the Batteries (Management & Handling) Rules, 2001.
18. The project proponent should comply with other locational statutory requirements in force such as DC Rules, etc.
19. The industry shall not start any commercial/trial processes unless Obtain Consent to operate from Maharashtra Pollution Control Board.
20. This consent is issued subject to compliance of guidelines for the RMC plant as per Gazette Notification dtd. 7/11/2016.
21. This consent is granted as per delegation of power to Sub Regional Officer, vide Board's Circular No. BO/P&L Div./B-1160 dtd. 01.03.2013.
22. The Capital investment of the industry is Rs. 180.40 Lakhs.



For and on behalf of the  
Maharashtra Pollution Control Board

*R.B. Andhale*  
(R.B. Andhale)  
Sub Regional Officer, Chiplun

To,  
M/s. CHETAK ENTERPRISES LIMITED,  
Gat No- 1459, Mumbai Goa Highway, Kamathe,  
Tal-Chiplun, Dist- Ratnagiri.

Received Consent fee of -

Sr. No.	Amount(Rs.)	DR. No.	Date	Drawn On
1	15000	5451241	26.04.2019	Axis Bank

Copy submitted to :-

- 1) Chief Account Officer, M. P. C. Board, Sion, Mumbai.
- 2) Regional Officer, M. P. C. Board, Kolhapur.



# MAHARASHATRA POLLUTION CONTROL BOARD

Phone : 02355-261570

Fax : 02355-261570

Email : [srochiplun@mpcb.gov.in](mailto:srochiplun@mpcb.gov.in)

Visit At : <http://mpcb.gov.in>



SUB REGIONAL OFFICE, CHIPLUN.

224, Parkar Complex,  
Behind Nagar Parishad,  
Chiplun, Dist- Ratnagiri-415605

Green/S.S.I

Consent No: MPCB/1905000545/19

Date : 09/05/2019

Consent to Operate under Section 26 of the Water (Prevention & Control of Pollution) Act, 1974 & under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and Authorization / Renewal of Authorization under Rule 5 of the Hazardous Wastes (Management, Handling & Transboundary Movement) Rules 2008

[To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

CONSENT is hereby granted to

M/s. CHETAK ENTERPRISES LIMITED,  
Gat No- 441,442,454, Mumbai Goa Highway,  
Near Vashisthi Nagar, Kalambaste  
Tal-Chiplun, Dist- Ratnagiri, 415605

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to Operate is granted for a period up to: 31/05/2022.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Ready Mix Concrete Plant (For Captive Purpose Only)	600	Cub. Mtr/Day

### 3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall be not exceed  $0.6 M^3$
- (ii) The daily quantity of sewage effluent from the factory shall not exceed  $0.8 M^3$ .
- (iii) Trade Effluent:-

(I) The waste water generated from the sources like Batching Plant, Transit Mixer washing, Vehicle tyre washing and floor washing area shall be collected through well designed drainage system in a collection tank and the same shall be treated by providing comprehensive treatment system as is warranted to meet the disposal standards mentioned below.

Standards of the treated effluent Quantity:

Sr. No.	Parameter		Standards
1.	pH	Between	5.5 to 9.0
2.	Oil & Grease	Not to exceed	10 mg/l.
3.	Suspended Solids	Not to exceed	100 mg/l.
4.	BOD 3 days	Not to exceed	30 mg/l.
5.	COD	Not to exceed	150 mg/l.
6.	TDS	Not to exceed	2100 mg/l.

(II) Trade Effluent Disposal:





The treated effluent shall be reused in the process or for water sprinkling system or gardening / plantation only. There should not any discharge of effluent from the plant.

- (III) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

(1) Suspended Solids	Not to exceed	100	mg/l.
(2) BOD 3 days 27° C.	Not to exceed	30	mg/l.

- (IV) **Sewage Effluent Disposal:** The treated domestic effluent shall be soaked in a soak pit, which shall be got cleaned periodically. Overflow, if any, shall be used on land for gardening / plantation only.

- (V) **Other Conditions:**

The authority shall provide adequate water treatment and disposal facility for generated effluent from their activity. They shall comply with provisions under the Water (Prevention and control Pollution) Act, 1974.

- (VI) Industry shall submit Environmental Assessment Report taken into consideration for environment assessment for material handling along with capacity and their storage arrangement and meteorological study specifically with directions & accordingly prepare plan to control of fugitive emissions / dust particles & suppression system.

4. **Noise pollution Control Measures:-**

Ready Mix Concrete industry shall comply with the provisions under the Noise pollution (Regulation and Control) Rule 2000, to control Noise Pollution.

5. **Solid Wastes treatment and disposal:**

i) Solid waste from transit mixture washing, muck (debris/sludge) generated from RMC shall either be reused through recovery unit/Reclaiming system OR disposed off a approved site by local body for debris / construction waste.

ii) Operation of RMC plant shall be in day time only. The day time is reckoned in between 6 a.m. and 10 p.m.

6. **The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under**

The daily water consumption for the following categories is as under:

(i) Domestic purpose	...	1.00 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable (product mixing / vessel washing) ...		3.6 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic ...		0.00 CMD
(iv) Industrial Cooling, spraying in mine pits or boiler feed ...		1.00 CMD

The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

7. **CONDITIONS UNDER AIR ACT:**

The applicant shall install a comprehensive control system consisting of control equipment's as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

- (i) **In-house measures:-**



1. All material transfer points should be covered
2. The dust containment system shall be provided incorporating either of the following:
  - Barricading all around the periphery of the plot boundary of height minimum 20 feet or 5 feet above free fall air emission area. Whichever is height with tin sheets. Same may extend above with netlon clothing whenever required.
  - Water sprinkling/Chemical dust stabilizing agent spraying system along the periphery inside the premises of RMC.
  - Tree plantation along the periphery inside boundary of the RMC premises having minimum width of 5 meters, on all sides. The foliage of the trees shall adequately cover area upto about 20m height.
3. Internal work area shall be, cement concreted/Asphalted.
4. Daily cleaning / Removal of dust accumulation inside the plant (dry/wet) shall be carry out with industrial vacuum cleaner.
5. Two level type washing facility shall be provided at entry and exit points, for transit mixture vehicle.

**(ii) Raw material storage & handling:-**

1. Storage silos of cement & fly-ash shall be adequate capacity of dust Collection system such as multi - cyclone followed by bag house assembly.
2. Handling of Cement, sand, fly ash and aggregates shall be carried out with mechanical closed system only.
3. Manual operations shall be permitted only in a closed shed, equipped with dust control system at the loading point as well as roof top secondary dust control system.
4. All Conveyor belts of Sand, aggregate shall be covered with tin sheets and at points dust collection system to be installed to avoid secondary fugitive emissions.
5. Mixing section of cement, aggregate & sand shall be equipped with adequate capacity dust collection system, such as multi-cyclone followed by bag houses, so as to limit dust emissions.
6. Storage area of sand & aggregates shall be equipped with roof top water sprinkler system.
7. The production plant shall be interlocked with air pollution control system.
8. Alternative power supply system should cover both the production and Air Pollution control system.

- (iii)** The unit shall monitor ambient air quality at the plot boundary and meet the following ambient air quality standards (24 hours Average)

Particulate Matter PM 10	Not to Exceed	100 mg/m <sup>3</sup>
Particulate Matter PM 2.5	Not to Exceed	60 mg/m <sup>3</sup>
(a) Commercial plants shall install continuous ambient air quality monitoring station (CAAQMS) within the premises.		

**8. Conditions for D.G. Set**

- a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise

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standards, whichever is on higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.

- c. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 55 dB(A) during day time and 45 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- d. Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper siting and control measures.
- e. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- f. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
- g. D.G. Set shall be operated only in case of power failure
- h. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.

**i. Standards for the Stack emissions :-**

**(i) The applicant shall observe the following fuel pattern:-**

Sr. No.	Type Of Fuel	Quantity	UOM
1.	Disel	50	Lit/Day

**(ii) The applicant shall erect the chimney(s) of the following specifications:-**

Sr. No.	Chimney Attached To	Height in Mtrs.
1.	D.G. set (315 KVA)	3.0 mtr height above the roof

**(iii) Other Conditions:**

1. The authority shall provide adequate Air pollution control arraignment at the source. They shall comply with the provisions under the Air (Prevention and Control of Pollution) Act, 1981 and conditions prescribed as above.
2. The remediation and restoration measures shall be taken by the project proponent in case of any environmental pollution in the surrounding area due to emission / effluent in excess of the standards being discharged / emitted in to the environment and violation of consent conditions and thereby causing environmental pollution.

**(iv) The industry should not cause any nuisance in surrounding area.**

**CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2008:**

**(i) The Industry shall handle hazardous wastes as specified below.**

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
		NA		

**(ii) - Treatment: - NIL**

Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Collector, Directorate of Industry, Safety & Health, Police Satiation, Fire Brigade, Directorate of Health Services,



Department of Explosives, Board & Local Body and the Production process should be stopped by taking all necessary safety measures. The industry shall also monitor the emission and ensure that the emissions do not cause any harm or nuisance in the surrounding. The industry should not restart the process without permission of the Board and other statutory organization as require under the law.

**9. Industry shall comply with following additional conditions:**

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste - The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by he applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.
- vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
- vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- viii. The firm shall submit to this office, the 30th day of September every year, the Environmental Statement Report for the financial year ending 31st March in the prescribed Form-V as pre the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- ix. As inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
- x. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
- xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down- stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.



10. The applicant shall carry out meteorological study specifically with directions & accordingly prepare plan to control of fugitive emissions / dust particles & suppression system.
11. In case of failure of pollution control equipments, the production process connected to it shall be stopped, and shall not be restarted unless permission is obtained from Board.
12. This consent is issued as per the directive issued by Board's circular (guidelines for RMC plant) vide no. MPCB/ AS (T)/TB/B-4453 dtd. 15.11.2016
13. The Board reserves the right to review, amend, suspend revoke etc., this consent and the same shall be binding to the applicant.
14. This consent should not be construed as exemption from obtaining Necessary NOC from any other Government authority.
15. The applicant shall obtained & submit permission / NOC from Central Ground Water Authority (CGWA) Government of India for Abstraction/ Use of Ground Water.
16. The applicant shall comply with the provision of E-Waste Management Rules, 2016.
17. The applicant shall comply with the provision of the Batteries (Management & Handling) Rules, 2001.
18. The project proponent should comply with other locational statutory requirements in force such as DC Rules, etc.
19. The industry shall not start any commercial/trial processes unless Obtain Consent to operate from Maharashtra Pollution Control Board.
20. This consent is issued subject to compliance of guidelines for the RMC plant as per Gazette Notification dtd. 7/11/2016.
21. This consent is granted as per delegation of power to Sub Regional Officer, vide Board's Circular No. BO/P&L Div./B-1160 dtd. 01.03.2013.
22. The Capital investment of the industry is Rs. 335.8 Lakhs.



For and on behalf of the  
Maharashtra Pollution Control Board

*Rani*  
(R.B.Andhale)  
Sub Regional Officer, Chiplun

To,  
M/s. CHETAK ENTERPRISES LIMITED,  
Gat No- 441,442,454, Mumbai Goa Highway,  
Near Vashisthi Nagar, Kalambaste  
Tal-Chiplun, Dist- Ratnagiri, 415605.

Received Consent fee of -

Sr. No.	Amount(Rs.)	DR. No.	Date	Drawn On
1	15000	5451238	26.04.2019	Axis Bank

Copy submitted to :-

- 1) Chief Account Officer, M. P. C. Board, Sion, Mumbai.
- 2) Regional Officer, M. P. C. Board, Kolhapur.

**MAHARASHTRA POLLUTION CONTROL BOARD**  
**SUB REGIONAL OFFICE, CHIPLUN**

Tel No: (02355) 261570  
Fax No: (02355) 261570  
Email: srochiplun@mpcb.gov.in  
Website: http://mpcb.gov.in



224, Parkar Complex,  
Behind Nagar Parishad,  
Chiplun, Dist Ratnagiri-  
415605

Green/S.S.I

Date: 27/04/2018

Consent No: SRO-CHIPLUN/Consent/1804001411/18

Consent to operate under Section 26 of the Water (Prevention and Control of Pollution) Act, 1974 under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 and Authorization/Renewal of Authorization under Rule 5 of the Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008.  
[To be referred as Water Act, Air Act and HW (M&H) Rules respectively].

\*\*\*\*\*

CONSENT is hereby granted to

M/s. Chetak Enterprises Ltd ,  
Gat No.441,442,454, Kalambaste  
Mumbai Goa Highway,  
Near Vashisthi Nagar, Kalambaste  
Tal -Chiplun, Dist Ratnagiri.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M&H) Rules and amendments thereto subject to the provisions of the Act and the Rules and the Orders that may be made further and subject to the following terms and conditions:

1. The Consent to operate is granted for a period up to 31.01.2027
2. The Consent is valid the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Ready Mix Concrete	10000	M <sup>3</sup> /Month
2.	RCC Girdles	10	No/Day

( For captive use only)

**3. CONDITIONS UNDER WATER ACT:**

- (i) The daily quantity of trade effluent from the factory shall not exceed 10.0 CMD.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 1.3 CMD

**(iii) Trade Effluent :**

1. The waste water generated from the sources like Batching Plant washing Transit Mixer washing, vehicle tyre washing and floor washing area shall be collected through well designed drainage system in a collection tank and the same shall be treated by providing comprehensive system as is warranted to meet the disposal standards mentioned below:

**Standards of the treated effluent Quality**

1. pH	Between	5.5 to 9.0
2. Oil & Grease	Not to exceed	10 mg/l.
3. Suspended Solids	Not to exceed	100 mg/l.
4. BOD 3 days	Not to exceed	30 mg/l.
5. COD	Not to exceed	150 mg/l
6. TDS	Not to exceed	2100 mg/l



*Ravi*



(iv) **Trade Effluent Disposal :**

1. The treated effluent entirely shall be reused in the process, There should not be any discharge of effluent outside from the plant .

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive treatment system as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of treated effluent to the following standards.

(1) Suspended Solids	Not to exceed	100	mg/l.
(2) BOD 3 days 27 °C.	Not to exceed	100	mg/l.

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be used on land for gardening/plantation only. There shall be no any discharge outside the factory premises.

(vii) **Non-Hazardous Solid Wastes:**

Solid waste from transit mixture washing, muck (debris/sludge) generated from RMC shall either be reused through recovery unit/ Reclaiming system OR disposed off at a designated approved site by local body, for debris / construction waste

(viii) **Other Conditions:** -----.

4. **The applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 (to be referred as Cess Act) and amendment Rules, 2003 there under**

The daily water consumption for the following categories is as under:

(i) Domestic purpose	...	2.0 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable	...	60.00 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic	...	0.00 CMD
(iv) Industrial Cooling, spraying in mine pits or boiler feed	...	0.00 CMD



The applicant shall regularly submit to the Board the returns of water consumption in the prescribed form and pay the Cess as specified under Section 3 of the said Act.

5. **CONDITIONS UNDER AIR ACT:**

(i) The applicant shall install a comprehensive control system consisting of control equipment as is warranted with reference to generation of emission and operate and maintain the same continuously so as to achieve the level of pollutants to the following standards:

(i) SPM/TPM	Not to exceed	150 mg/Nm <sup>3</sup>
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a. **Air -Pollution Control**

i) **In-house measures;**

1. All material transfer point should be covered.
2. The dust containment system shall be provide incorporating either of the following
  - Barricading all around the periphery of the plot boundary with height of minimum 20 feet or 5 feet above free fall air emission area, whichever is higher with appropriate material. Same may extend above with netlon clothing whenever required.
  - Water sprinkling/ Chemicals dust stabilizing agent spraying system along the periphery inside the premises of RMC.
  - Tree plantation along the periphery inside boundary of RMC premises having minimum width of 5 meters, on all sides. The foliage of the tree shall adequately cover area up to about 20 m height.
3. Internal work area shall be, cement concreted/Asphalted.

*Ran*



4. Daily cleaning/Removal of dust accumulation inside the plant(dry/wet)shall be carry out, with industrial vacuum cleaner.
5. Two level tyre washing shall be provided at entry and exit points, for transit mixture vehicle.

ii) **Raw material storage & handling ;**

1. Storage silos of cement & fly ash shall be equipped with adequate capacity of dust collection system such as multi-cyclone followed by bag house assembly.
2. Handling of cement, sand, fly ash and aggregates shall be carried out with mechanical closed system only.
3. Manual operations shall be permitted only in a closed shed, equipped with dust control system at the loading point as well as roof top secondary dust control system.
4. All conveyor belts of sand, aggregate shall be covered with in sheets and at transfer points dust collection system to be installed to avoid secondary fugitive emissions.
5. Mixing section of cement aggregate & sand shall be equipped with adequate capacity dust collection system, such as multi-cyclone followed by bag house, so as to limit dust emissions.
6. Storage area of sand & aggregate shallbe equipped with roof top water sprinkler system.
7. The operation of the plant shall be interlocked with air pollution control devices.
8. Alternative power supply system, should cover both the production and Air pollution Control system.

iii) The unit shall monitor ambient air quality at the plot boundary and meet the following ambient air quality standards (24 hours Average)

Particulate Matter PM 10	Not to Exceed	100	ug/m <sup>3</sup>
Particulate Matter PM 2.5	Not to Exceed	60	ug/m <sup>3</sup>

- a) Commercial plants shall install continuous ambient air quality monitoring station (CAAQMS) within the premises.
- b) Captive plant shall carry out ambient air quality monitoring twice in week for 24 hours.

6. **Conditions for D.G. Set: DG set .**

- a) Noise from the D.G set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b) Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/acoustic treatment of the room should be designed for minimum 25 dB (A)Insertion loss or for meeting the ambient noise standards, whichever is on higher side . A suitable exhaust muffler with insertion loss of 25 dB (A)shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.
- c) Industry should make efforts to bring down noise level due to DG set outside industrial premises, within ambient noise requirements by proper siting and control measures
- d) Installation of DG set must be strictly in compliance with recommendations of DG set manufacturer.
- e) A proper routing and preventive maintenance procedure for DG set should be set and followed in consultation with DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use.
- f) D.G.set shall be operated only in case of power failure.
- g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G set.
- h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator set run with diesel.

7. **Standards for Stack Emissions:**

- (i) The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1	HSD	12	Kg/H

*Raw*



- (ii) The applicant shall erect the chimney(s) of the following specifications:-

Sr. No.	Chimney Attached To	Height in Mtrs.
1	DG set 125KVA	3.5 Mtrs above roof

- (iii) The applicant shall provide ports in the chimney(s) and facilities such as ladder, platform etc. for monitoring the air emissions and the same shall be open for inspection to/and for use of the Board's Staff. The chimney(s) vents attached to various sources of emission shall be designated by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.
- (iv) Ready mix concrete industry shall comply with the provisions under the Noise pollution (Regulation & Control) Rule 2000, to Control Noise Pollution.
- (v) Other Conditions:
- 1) The industry should not cause any nuisance in surrounding area.

#### 8. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008:

- (i) The Industry shall not generate any type of hazardous wastes.

- (ii) Treatment: - NIL

1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
  2. The industry should comply with the Hazardous Waste (M, H&T) Rules, 2008.
- a. Whenever due to any accident or gas leakage or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Collector, Directorate of Industry, Safety and Health, Police Station, Fire Brigade, Directorate of Health Services, Department of Explosives, Board and Local Body and the production process should be stopped by taking all necessary safety measures. The industry shall also monitor the emission and ensure that the emissions do not cause any harm or nuisance in the surrounding. The industry should not restart the process without permission of the Board and other statutory organization as require under the law.
- b. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub Regional Office.
- c. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous Waste (Management & Handling) Rules, 1989 as amended on 2003 and shown & submitted to the Board as & when asked for.

#### 9. Industry shall comply with following additional conditions:

- i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.
- ii. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- iii. Solid waste – The non hazardous solid waste arising in the factory premises, sweepings, etc., be disposed of scientifically so as not to cause any nuisance / pollution. The applicant shall take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant to maintain compliance with the terms and conditions of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. The applicant shall not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipments provided for without previous written permission of the Board.

*Ravi*



- vi. The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous wastes to the Board staff at the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
  - vii. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
  - viii. The firm shall submit to this office, the 30<sup>th</sup> day of September every year, the Environmental Statement Report for the financial year ending 31<sup>st</sup> March in the prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
  - ix. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
  - x. The applicant shall install a separate electric meter showing the consumption of energy for operation of domestic and industrial effluent treatment plants and air pollution control system. A register showing consumption of chemicals used for treatment shall be maintained.
  - xi. Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of collection system with arrangement for measuring the flow. No effluent shall be admitted in the pipes / sewers down-stream of the terminal manholes. No effluent shall find its way other than in designed and provided collection System.
  - xii. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
10. Board reserves right of revoke, suspend or amend the consent issued.
  11. Industry shall obtain NOC from CGWA for use of ground water if any.
  12. RMC Plant shall comply the guidelines under notification issued by MPCB vide No. MPCB/AS(T)/TB/B-4363 dated 07/11/2016
  13. Industry shall submit Bank Guarantee of RS 50000/- to Regional Office, M.P.C. Board, Kolhapur within fifteen days Which shall be valid up to 31.01.2027 towards compliance of consent conditions
  14. Consent to operate is granted subject to obtaining necessary permission from other Govt. Authority as applicable and as required.
  15. The Capital investment of the industry is Rs.155.4 Lakh

M/s. Chetak Enterprises Ltd ,  
Gat No.441,442,454, Kalambaste  
Mumbai Goa Highway,  
Near Vashisthi Nagar, Kalambaste  
Tal Chiplun, Dist Ratnagiri.



*Ravi*  
(R.B.Andhale)  
Sub Regional Officer

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	45000	7604818	29.01.2018	NEFT axis Bank

Copy to:  
The Regional Officer, M.P.C. Board, Kolhapur



Ref. No: Bloom CMC/Chiplun/Pac. II/2018/155

Date: 18-05-2018

To,  
✓ The Project Manager,  
Parshuram Arawali Highway Private Ltd.  
Survey No. 1523, Mumbai-Goa Highway,  
VIII - Kamate, Tal - Chiplun, Dist - Ratnagiri-456124

**Subject:** Independent Engineer Services for rehabilitation and up-gradation of NH-66 (Old NH 17) from Km 205/400 to 241/300 (Parshuram Ghat - Arawali Section) to four lanes in the State of Maharashtra under NHDP-IV on Hybrid Annuity Mode (Package-II). - **Approval for Sub grade Material at 56+730 LHS Terav Village. - Reg.**

Ref. 1) Your Letter No. PAHPL/HO/164 dated 16/05/2018.

Dear Sir,

With reference to above mentioned subject, we reviewed the test reports of Borrow Area No. 3 at location 56+730 LHS and found in order as per specification for Sub grade purpose.

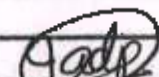
Hence the above location is approved for sub grade material for 18,000 cum Quantity.

Thanks & Regards,  
For, Bloom Companies, LLC

Sudhir M. Thelkar,  
Team Lead

- CC: 1) Executive Engineer, National Highway Division (PWD) Ratnagiri for information.  
2) Sub-divisional Engineer, National Highway Division, (PWD), Chiplun for information  
3) H.O. Bloom Companies, LLC, Sohana, Gurgaon (Haryana) for information.

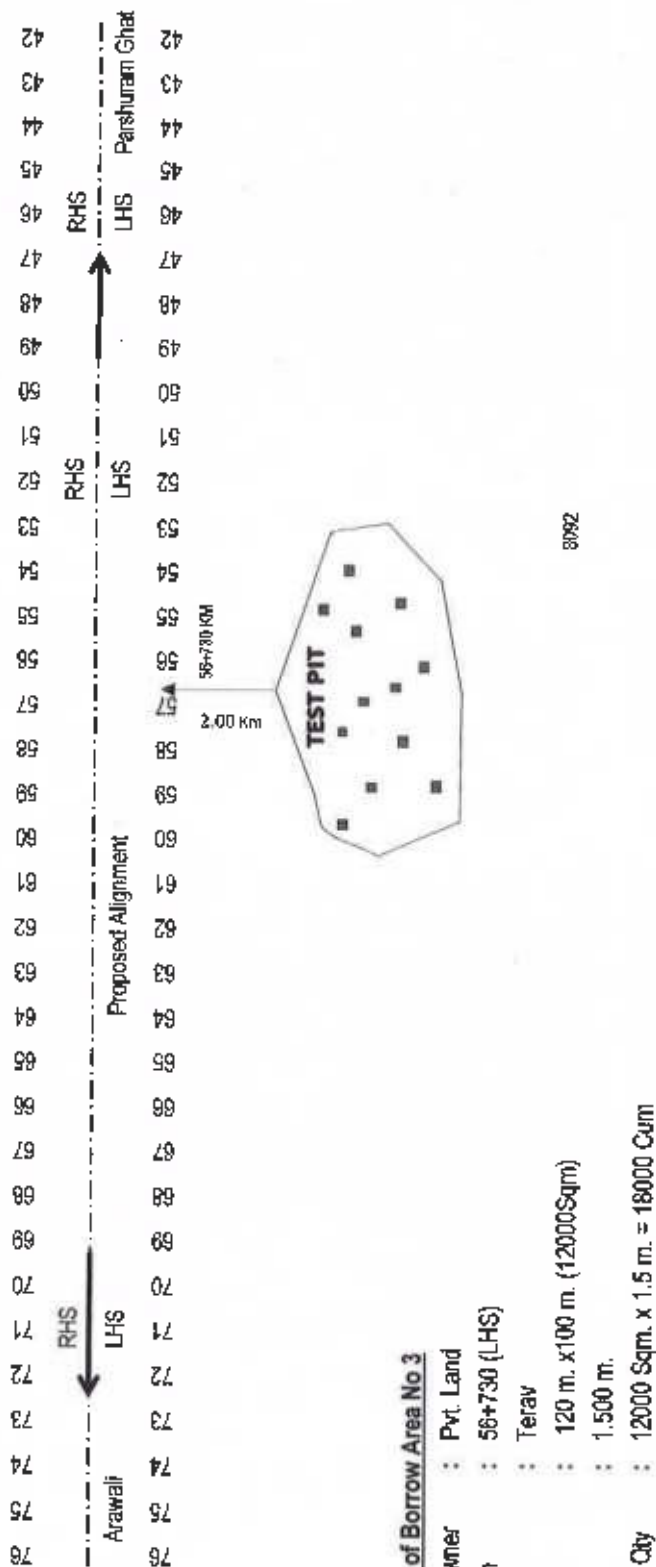


Name	Action	Information
MES	✓	
KVP	✓	
Sign:		

my  
Pooch

## BORROW AREA LOCATION MAP

Borrow Area No-03, CH.- 56+730 LHS@ Inside Lead 2.0 km (Tarsav Village).



For Contractor

For Concessionaire

For Independent Engineer



# भारतीय न्यायिक भारत INDIA

500

FIVE HUNDRED  
RUPEES

MAHARASHTRA

2016

पत्रकार/अनुसूच	/ दस्त नोंदणी करणार आहेत का
यम नमोदक कार्यालयाचे नांव	दु.नि.चिपळूण / मोवदला स्वकम रु.
लकतीचे वर्णन	
संक विकत घेणा-याचे नांव	रम्य गोरग गोरग
1-या पक्षकाराचे नांव	
संक शुल्क स्वकम रु. 500/-	आधारकाई नंबर 279 221510451
स्री नोंदवही अनुक्रमंक व	तारीख 27/4/16
संक विकत घेणा-याची सही	
अनाधारक मुद्रांक विक्रेत्याची	
1 व वरवाना क्रमांक	
सिलागावर, चिपळूण, परताना कं. 9/18	अरुण गजामर्मा वितळे



उप कोषाभार उपादेकारी  
चिपळूण

13 APR 2018

## लिह अॅण्ड लायसन्स

लिह अॅण्ड लायसन्स कालावधी दिनांक २५ एप्रिल २०१८ ते २३ एप्रिल २०२१

लिह अॅण्ड लायसन्स करुन देतो की, भौजे टेस्ट ता. चिपळूण जि. रत्नागिरी येथील जमिनीचे गट नं २१/१/१, ११/१ आणि २१/३ या जमिनीचे मालक अर्जुन बाबा महाडिक, पांडुरंग बाबा महाडिक, सावित्री गंगाराम दाते, राजश्री गजाराम ठसाळे, लक्ष्मी बाळा खेडेकर, लक्ष्मी अशोक गायकर, नाथ बाबा महाडिक गळ्या वतीने कार्यकारी ठंडाधिकारी चिपळूण यांचे समोर

खनिज (दगड, माती, मुरुम) उत्खनन (Mining) साठी सर्वधिकार दिलेले आहेत. त्याअर्थी नाना राजाराम महाडिक यांच्या वतीने जमिनीचे ३ वर्षे मूदतीचे एकूण क्षेत्र ०२.६८.०० हेक्टर माती, मुरुम, दगड (Mining) चेतक एंटरप्रायझेस साठी राष्ट्रीय महामार्ग ६६ परशुराम घाट किमी २०५/४०० ते आरवली घाट २४९/३०० लांबीचे चौपदरीकरणासाठी सदरील जमिन उत्खननासाठी घेण्याचे ठरले आहे.


श्री. प्रदिप मानसिंग मांढरे,

वय - ४७ वर्ष, धंदा - नोकरी

करिता चेतक एंटरप्रायजेस लिमिटेड,

डाक बंगला रोड निंबाहेडा, तालुका - निंबाहेडा,


जि. चित्तोडगड, राज्य - राज्यस्थान

  
लिहून घेणार

श्री. नाना राजाराम महाडिक, वय - ४५ वर्ष,

धंदा - शेती, रा. कामथे,

ता. चिपळूण, जि. रत्नागिरी.

  
लिहून देणार

कारणे जमिनीचा लिक्व अँड लायसन्स तीन वर्षांच्या मुदतीसाठी लिहून देतो की,

मिळकतीचे वर्णन: मौजे टेरव ता. चिपळूण जि. रत्नागिरी येथील जमिनीचा तपशिल खालीलप्रमाणे, ज्यांच्या चतुःसीमा खालीलप्रमाणे

सर्व्हे नं:-१९/१

क्षेत्रफळ ०० हेक्टर ४७ आर ज्याच्या चतुःसीमा खालीलप्रमाणे

पूर्व:- वेतकोंडची शिव

पश्चिम:- हिस्सा १९/२

दक्षिणेस :- १९ हिस्सा ४/३

उत्तरेस :- शिव.

नकाशा नं :- २१/३, २१/१/१



पश्चिमेस :- गट नं- १९

दक्षिणेस :- गट नं- २१/५

उत्तरेस :- गट नं- २३, २६ हिस्सा

येणे प्रमाणे चतुःसीमेच्या आतील तीनही खडकाळ जमिनी पूर्ण.

वरील वर्णनातील तीनही जमिनी आम्ही तुम्हास तीन वर्षांच्या मुदतीसाठी लिक्व् अॅण्ड लायसन्स म्हणून आजपासून तीन वर्षांच्या मुदती करीता दिली आहे. व सदर तीन जमिनी तुमच्या ताब्यात दिलेल्या आहेत.

सदर लिक्व् अॅण्ड लायसन्स अटी व शर्ती खालीलप्रमाणे

हे की, वरील नमूद तिन्ही जमिनींपैकी म्हणजेच लिहून देणार नं.१ यांचे लिहून देणार नं.२ क्षेत्र २.६८.०० हेक्टर उत्खनन (Mining) खोदकाम करून त्यातील मुरुम, दगड ब्लस्टिंग करून रोडसाठी लिहून देणार जाणार असल्याचे ठरले आहे. सदर जमिनीतील २.६८.०० हेक्टर क्षेत्रातील मुरुम, दगड काढून नेण्याकरीता वेळोवेळी घ्याया लागणा-या शासकीय विभागाच्या परवानग्यासाठी लिहून देणार हे लिहून घेणार यांना वेळेवेळी सहकार्य करण्याचे ठरलेले आहे. २१/१/१, १९/१, २१/३ मधील २.६८.०० हेक्टर मधील खोदकाम शासकीय नियमानुसार सदरील जमिनीच्या समतल भागाच्या नाल्याच्या ४० फूट खाली खोदकाम करण्याचे ठरले आहे. जागेच्या हद्दीपासून चारही बाजूला १५ फूट सोडून खोदकाम करावे. तसेच धोकादायक होणार नाही अशा आवश्यक त्या उपाययोजना कराव्यात.

आज तारखेपासून सदरील जमिनीवरील कर व Mining खोदकामावरील रॉयलटी तसेच इतर शासकीय कर हे लिहून घेणार भरणार आहेत. त्याची कोणतीही तोसीस लिहून देणार यांना होणार नाही. तसेच करार संपतेवळी रॉयलटीचा ना - हरकत दाखला (NOC) लिहून घेणार यांनी लिहून देणारास द्यावयाचा आहे. तसेच वस्तु व सेवा कर (GST) बाबत काही कर भरावा लागला तर लिहून घेणार हे भरणार आहेत.

१) सदर लिक्व् अॅण्ड लायसन्स हा लिहून देणार यांचेवर तसेच त्यांचे कुटुंबियांवर / जागा मालक यांचेवर बंधनकारक राहिल. लिहून घेणार यांना जर लिहून देणार यांचेकडून अगर त्यांचे कुटुंबियांकडून कोणता त्रास झाला तर त्याची जबाबदारी ही लिहून देणार यांची राहिल.

२) वरील जागेमध्ये जंगली झाडे, आंबा, कलम इत्यादी सर्व लिहून देणार यांनी स्वतःच्या खर्चाने व जबाबदारीने वरील जमिन मोकळी करून लिहून घेणार यांस द्यावयाची आहे.

३) हे की, वरील नमूद तीनही जमिनीवरती लिहून घेणार आवश्यकतेनुसार पाण्याची व्यवस्था करतील यासाठी बोअरवेल किंवा टयुबवेल किंवा अन्य कोणत्याही माध्यमाने पाण्याची सोय करण्याचा त्यांना अधिकार असणार आहे. काम पूर्ण झाल्यानंतर रिकामे बोअरवेल, टयुबवेलचे लिहून देणार मालक असतील त्यातील मोटार वगैरे साहित्य लिहून घेणार घेऊन जातील.

४) हे की, लिहून घेणार यांचे रोडचे काम पूर्ण झाल्यानंतर सदर नमूद दोन्ही जमिनीवरील तयार केलेले किंवा उभे असलेले साहित्य यामध्ये १९/१, २१/१, २१/३ चतुःसीमेला केलेले तारेचे कुंपण व खदानीस (Mining) केलेले तारेचे कुंपण वगळून लिहून घेणार यांनी काढून घ्यावयाचे ठरलेले आहे.

५) हे की, सदर व्यवहारासंबंधी कोणत्याही प्रकारचा वाद निर्माण झाल्यास Arbitration कायद्याचे तरतुदीनुसार वाद निकाली काढण्याचे ठरले आहे. सदरील वाद मुंबई (महाराष्ट्र) न्यायालयाचे अंतर्गत निवाडा करण्याचे ठरले आहे.

६) हे की, सदर लिक्व् अॅण्ड लायसन्स लिहून देणार यांनी समजून घेतले आहे की, सदर लिक्व् अॅण्ड लायसन्स कालावधीत लिहून देणार यांना सदर दोन्ही जमिनीचे दान किंवा अन्य कोणत्याही मार्गाने हस्तांतरण करता येणार नाही किंवा कोणासही भाडेतत्वावर देता येणार नाही. तसे केल्यास लिहून देणार यांना लिहून घेणार यांचे झालेले पूर्ण नुकसानीची भरपाई देण्याची जबाबदारी लिहून देणार यांचेवर राहिल. तसेच लिहून देणार यांनी लिहून घेणार यांना कोणत्याही प्रकारचा हरकत अडथळा केल्यास किंवा सदर दोन्ही जमिनीतून बेदखल केल्यास किंवा सदर दोन्ही जमिनीचे वापराबाबत वाद निर्माण केल्यास लिहून घेणार यांना लिहून देणार भरपाई देतील.

७) हे की, सदर लिक्व् अॅण्ड लायसन्स हा तीन वर्षाकरीता केलेला असून तीन वर्षात रोडचे काम पूर्ण न झाल्यास चौथ्या वर्षापासून पुढे लिक्व् अॅण्ड लायसन्स वाढविण्यात येईल.

८) हे की, सदर तीनही जमिनीवरती कोणीही हक्क सांगितल्यास किंवा कोणत्याही प्रकारचा दावा किंवा कोणत्याही वितीय संस्थान किंवा व्यक्तीचा दावा सिध्द झाल्यास



ठरलेल्या वार्षिक भाड्याच्या रक्कमेव्यतिरीक्त जी रक्कम खर्च होईल किंवा लिहून घेणार सांगतील ती रक्कम बँक व्याज दराप्रमाणे लिहून देणार यांना सोसावी लागणार आहे. तशी रक्कम लिहून देणार यांच्या भाड्याच्या रक्कमेतून वजा करण्याचा अधिकार लिहून घेणार यांना असणार आहे. तसेच सदर दोन्ही जमिनीवरती कोणीही हक्क सांगितल्यास किंवा हक्क सिध्द केल्याने लिहून घेणार यांना कोणत्याही प्रकारचा अडथळा झाल्यास किंवा त्यांच्या कामामध्ये अडथळा केल्यास लिहून घेणार यांचे जे काही ते निवारण्यासाठी जे नुकसान होईल ते लिहून देणार यांनी लिहून देणार यांनी लिहून घेणार यांना द्यावयाचे ठरले आहे. किंवा भाड्याच्या रक्कमेतून वजा करण्याचे ठरले आहे. अशा रक्कमेची लिहून देणार यांनी लिहून घेणारास कळविणे बंधनकारक आहे.

९) हे की, सदर तिन्ही जमिनीच्या अकृषी वापराबाबतचा परवान्याचा खर्च व इतर शासकीय कर लिहून घेणार यांनी करण्याचे ठरले आहे.

१०) हे की, लिहून घेणार यांचे रोडचे काम मुदतीत पूर्ण न झाल्यास लिहून घेणार दोन वर्षांपर्यंत मुदत वाढ करून देण्याचे ठरलेले आहे.

११) वरील जमिनीपासून ते महामार्गापर्यंत (NH ६६) पर्यंत विनाअडथळा दगड, माती, मुरुमाच्या वाहतुकीसाठी व्यत्येय विरहीत रस्ता उपलब्ध करण्याची सर्वस्वी जबाबदारी लिहून देणार यांची राहिल. (शासकीय कामकाजामूळे अडथळा आल्यास लिहून घेणार जबाबदार राहतील.)

१२) वरील जमिन लिव्ह ऑण्ड लायसन्स मध्ये दर्शविल्याप्रमाणे क्षेत्राची हदद निर्देशित करून देण्याची जबाबदारी लिहून देणार यांची आहे.

१३) वरील जमिनीत उत्खनन झाल्यानंतर कुठल्याही प्रकारचे भराव करून देण्यात येणार नाही.

१४) वरील जागेच्या बाबतीत रॉयल्टी व्यतिरीक्त कुठल्याही प्रकारचे थकीत अथवा रितसर शासकीय देयके भरण्याची जबाबदारी लिहून देणार यांची राहिल. उदा. शेतसारा, इ.

१५) ग्रामपंचायतीकडून घ्यावयाच्या ना-हरकत परवाना, वेळोवेळी लागणारे दाखले त्यासाठी लागणाऱ्या कागदपत्रांची पूर्तता करण्याची जबाबदारी लिहून घेणार यांची

१६) सदर लिह अँड लायसन्स हा तीन वर्ष कालावधीसाठी लिहून देणार, जागामालक तसेच संमतीपत्रधारक यांच्यावर बंधनकारक राहील. सदरचा लिह अँड लायसन्स संपुष्टात आणण्याचा सर्वस्वी अधिकार लिहून घेणार यांचा असेल. लिह अँड लायसन्स संपुष्टात आणण्यासाठी किमान १ महिना आगाऊ नोटीस लिहून घेणार देतील.

साक्षीदार :

सहया

१)

(श्री. नाना राजाराम महाडीक)

(श्री. नाना राजाराम महाडीक)  
लिहून देणार

२)

(श्री. प्रदिप मांडरे)  
लिहून घेणार



Ref. No: Bloom CMC/Chiplun/Pac. II/2018/159

Date: 30-05-2018

To,  
✓ The Project Manager,  
Parshuram Arawali Highway Private Ltd.  
Survey No. 1523, Mumbai-Goa Highway,  
VIII - Kamate, Tal - Chiplun, Dist - Ratnagiri-456124

**Subject:** Independent Engineer Services for rehabilitation and up-gradation of NH-66 (Old NH 17) from Km 205/400 to 241/300 (Parshuram Ghat - Arawali Section) to four lanes in the State of Maharashtra under NHDP-IV on Hybrid Annuity Mode (Package-II). - **Approval for Borrow Area No. 4, Location at ch. 44+140 (207+221) RHS, (Mirjoli Village). Reg.**


Ref. 1) Your Letter No. PAHPL/HO/167 dated 18/05/2018.

Dear Sir,

With reference to above mentioned subject, we reviewed the test reports of Borrow Area No. 4, at ch. 44+140 RHS, Mirjoli Village and found in order as per specification for Embankment purpose.


Hence the above location is approved for Embankment material for 9000 cum quantity.

Thanks & Regards,  
For, Bloom Companies, LLC

  
Sudhir M. Thelkar,  
Team Leader

- CC: 1) Executive Engineer, National Highway Division (PWD) Ratnagiri for information.  
2) Sub-divisional Engineer, National Highway Division, (PWD), Chiplun for information  
3) H.O. Bloom Companies, LLC, Sohana, Gurgaon (Haryana) for information.

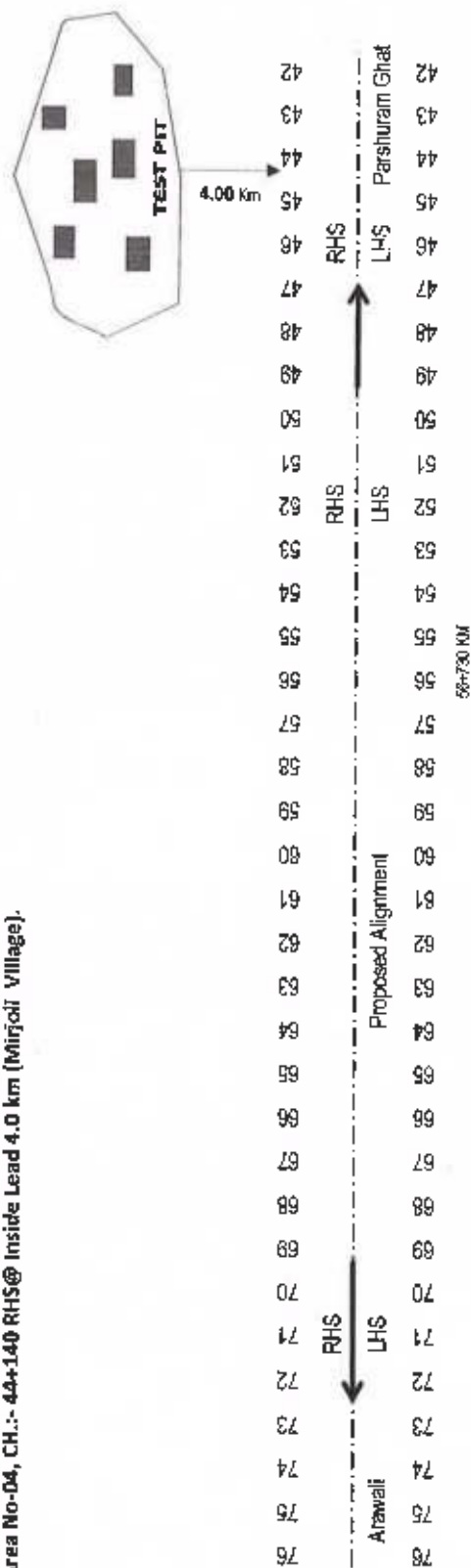


Name	Action	Information
MCS	✓	
Sign: 		

rub

## BORROW AREA LOCATION MAP

Borrow Area No-D4, CH.- 44+140 RHS@ Inside Lead 4.0 km (Mirjoli Village).



### Details of Borrow Area No.3

Land Owner : Pvt. Land  
 Location : 44+140 (RHS)  
 Village : Mirjoli  
 Area : 100 m. x 60 m. (6000 Sqm)  
 Depth : 1.500 m.  
 Approx. Qty : 6000 Sqm. x 1.5 m. = 9000 Cum

For Contractor

For Concessionaire

For Independent Engineer



BA-1

2277.245

प्रमाणपत्र, चितळे  
व.वि.प.के. ४/१६  
महिला आवास, चिपळूण

करारनामा आज दिनांक ०२ माहे एप्रिल इसवी सन २०१७ रोजी  
ते दिवशी चिपळूण मुक्कामी.

2015-2016

श्रीम. सुनिता प्रकाश पवार  
वय : ४५, धंदा - शेती,  
रा. पाली, ता. चिपळूण,  
जि. रत्नागिरी.

लिहून घेणार

मे. चेतक एन्टरप्रायजेस लिमिटेड तर्फे  
श्री. सुनिल श्रीवास्तव  
वय : ४३, धंदा : नोकरी  
रा. ह.म. चिंचोली, ता. सिन्नर, जि. नाशिक

लिहून देणार

कारणे करारनामा लिहून देतो की,

पक्ष नंबर १ यांची मोजे पाली, ता. चिपळूण, जि. रत्नागिरी येथे शेत मिळकत गट नं. १००७, क्षेत्र ०.१५.००, आकार रु. पै. ०.०६ या मिळकती असून सदर मिळकतीत उत्खनन करून त्यामधून मुरुम हा पक्ष नंबर २ यांना मुंबई गोवा हायवे रस्त्याच्या कामासाठी आवश्यक आहे. त्याकरीता सदर करारनामा हा पक्ष नंबर १ व पक्ष नंबर २ हे लिहून ठेवित आहे.

**करारनाम्याच्या अटी व शर्ती खालीलप्रमाणे :-**

१. सदर कामापोटी लागणारी रॉयल्टी ही पक्ष नंबर २ म्हणजेचे मे. चेतक एन्टरप्रायजेस लिमिटेड हे परस्पर मा. तहसिलदार साहेब, चिपळूण यांना अदा करतील. त्यात कोणतीही कसूर करणार नाही. रॉयल्टी ची झेरॉक्स प्रत पक्ष नंबर १ यांना पक्ष नंबर २ यांनी वेळोवेळी द्यावयाची आहे.
२. सदर काम हे एक लेव्हल नुसार करावयाचे आहे.
३. मुरुम घेताना मिळकतीत निघणारे मोठे दगड हे मिळकतीच्या एका बाजूने ठेवायचे आहेत.
४. ज्या ठिकाणी खडकाळी भाग असेल त्या ठिकाणी कोणत्याही प्रकारचे खोदकाम करता येणार नाही व सदर जागा तशीच सोडावी लागेल.
५. सदर मिळकतीत उत्खनन करतेवेळी पक्ष नंबर १ व तसेच त्यांचे वारसदार कोणत्याही प्रकारचा अडथळा निर्माण करणार नाही ही या काराराची मुख्य अट व शर्त आहे.

श्री. सुनिता प्रकाश पवार