

MAHARASHTRA POLLUTION CONTROL BOARD

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Orange/S.S.I

Date: 9-11-2017

Consent No: MPCB/17\1000400

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 Hazardous Wastes and Other Waste (Management and Transboundary Movement) Rules, 2016.

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

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CONSENT is hereby granted to

M/s. Dilip Buildcon Ltd.,
S. No. 29,28,119,32,121/1,121/2,
Mouza - Keljhar, Tq.- Seloo, Dist. Wardha.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW and OW (M and TM) 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: 31/08/2019.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Stone Metal of Various Sizes	3200	Ton/Day
2	RMC Plant (M 2.25) (for Captive Only)	700	M ³ /Day
3	RMC Plant (CP 30) (for Captive Only)	200	M ³ /Day
4	Wet Mix Macadam / DLC	2000	Ton/Day
5	Dry Sand (Sand Air Classifier)	640	Ton/Day
6	Hot Mix Plant	1600	Ton/Day

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall be **NIL**.
- (ii) The daily quantity of sewage effluent from the factory shall not exceed **12.00M³**.

(iii) Trade Effluent : N.A.

(iv) Trade Effluent Disposal: N.A.

(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 27o C. | Not to exceed | 100 | mg/l. |

(vi) **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.

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

Sr. No.	Type Of Was	Quantity	UOM	Treatment	Disposal
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(viii) **Other Conditions:** Industry should monitor effluent quality regularly.

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 | ... | 15.00 CMD |
| (ii) | Water gets Polluted & Pollutants are Biodegradable | ... | 60.00 CMD (for mixing activity only) |
| (iii) | Water gets Polluted, Pollutants are not Biodegradable & Toxic | ... | 0.00 CMD |
| (iv) | Industrial Cooling, spraying in mine pits or boiler feed | ... | 0.00CMD |

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 equipments 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:

SPM/TPM	Not to exceed	150 mg/Nm ³
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a. Control Equipment:

A) For Stone Crushing activity:-

The particulate matter PM₁₀ contribution value from unit shall be less than 100 ug / m³. This unit must also adopt the following pollution control measures.

1. Dust containment cum suppression system for the equipments.
2. Construction of wind breaking walls.
3. Construction of the metallic roads within the premises.
4. Regular cleaning and wetting of the ground within the premises.
5. Growing of a green belt along the periphery.
6. Water sprinkling arrangement shall be provided and operated continuously.

No Stone crushing activity will be allowed within 500 mtrs. from National Highway, 200 mtrs. from state Highway and 100 mtrs. from other roads such as major district road, other district road or village roads, also crusher shall be located 500 mtrs. away from human habitation.

B) Hot Mix Plant: -

1. Drum mix machine shall be maintained with dust collector followed by scrubbing system of sufficient capacity to limit emissions.

2. Water sprinkling arrangement at the vent (6 m height) is proposed for Hot Mix Plant before emitting flue gas through its vent with re-circulation system so as to avoid particulate matter emission.
3. Closed silo will be used for addition of dust at Wet Mix Macadam Plant to avoid fugitive emission of particulate matter.
4. Construction of the metallic roads within the premises.
5. Regular cleaning and wetting of the ground within the premises.
6. Growing of a green belt along the periphery.

C) For RMC Plant:-

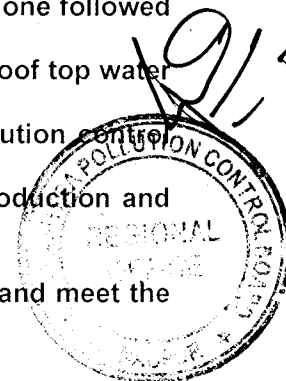
1. Industry shall provide close shed for storage of raw material.
2. All material transfer points should be covered.
3. The dust containment system shall be provided incorporating either of the following
4. Barricading all around the periphery of the plot boundary with height of minimum 20 feet or 5 feet above free fall air emission area, whichever is higher with appropriate Material. Same may extend above with netlon clothing whenever required.
5. Water sprinkling/Chemical dust stabilizing agent spraying system along the periphery inside the premises of RMC.
6. 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 up to about 20m height.
7. Internal work area shall be, cement concreted/Asphalted.
8. Daily cleaning / Removal of dust accumulation inside the plant (dry/wet) shall be carry out, with industrial vacuum cleaner.
9. Two level tyre washing facility shall be provided at entry and exit points, for transit mixture vehicle.

Raw material storage and handling;

1. Storage silos of cement and 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 tin sheets and at transfer points dust collection system to be installed to avoid secondary fugitive emissions.
5. Mixing section of cement, aggregate and 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 and aggregate shall be 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 $\mu\text{g}/\text{m}^3$
 Particulate Matter PM 2.5 Not to Exceed 60 $\mu\text{g}/\text{m}^3$



- (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 a week for 24 hours.

Sitting Criteria: The following siting criteria shall be considered for establishment of RMC plant:

1. For Commercial plant a buffer zone of approximately 100 m distance from human habitation of 1000 souls or more and major road (National/State Highway, MDRs, main roads) in city areas shall be maintained.
2. For captive plant for the specific project, the location of RMC can be inside the project premises.
3. Commercial RMC plant should not be located within 200 m from schools, colleges, hospitals and courts.
4. The project proponent should comply with other locational statutory requirements in force such as DC Rules etc., while obtaining Consent to Establish from the Maharashtra Pollution Control Board.

7. Standards for Stack Emissions:

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

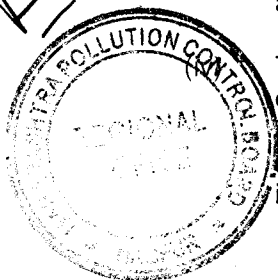
Sr. No.	Type Of Fuel	Quantity	UOM
1	Diesel (Stone Crusher)	1185	Lit/Day
2	Diesel (RMC M2.25)	590	Lit/Day
3	Diesel (WMM/DLC Plant)	195	Lit/Day
4	Diesel (Sand Air Classifier)	130	Lit/Day
5	Diesel (RMC CP 30)	95	Lit/Day
6	Diesel (Hot Mix Plant)	420	Lit/Day

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	D.G. Set (2 nos. of 500 KVA Stone Crusher)	5.00
2	D.G. Set (500 KVA RMC M2.25)	5.00
3	D.G. Set (160 KVA WMM/DLC Plant)	3.00
4	D.G. Set (100 KVA Sand Air Classifier)	2.5
5	D.G. Set (82 KVA RMC CP 30)	2.5
6	D.G. Set (350 KVA Hot Mix Plant)	4.00

- (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.

The industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standard in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6 a.m. and 10 p.m. and night time is reckoned between 10 p.m. and 6 a.m.



(vi) **Other Conditions:**

- 1) The industry should not cause any nuisance in surrounding area.
- 2) The industry should monitor stack emissions and ambient air quality Regularly.

8. CONDITIONS UNDER HAZARDOUS WASTE AND OTHER WASTE (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES, 2016:

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

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
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There shall be no generation of Hazardous waste.

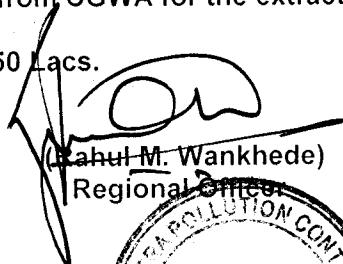
(ii) Treatment: - NIL

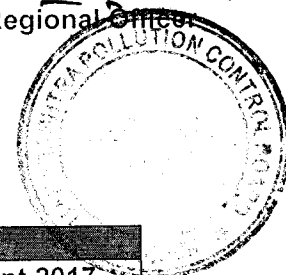
1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry should comply with the Hazardous Waste and Other Waste (M and TM) Rules, 2016.
 - a. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipment, the production process connected to it shall be stopped.

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 nonhazardous 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 equipment's 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 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.
- xiii. 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 measure. 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.
10. The Board reserved the right to amend or add any conditions in this consent and the same shall be binding on the industry.
11. Industry shall also comply with the industry specific standards notified under Environment protection Act.
12. This consent shall not be construed as any exemption from obtaining necessary No objection certificate from any other Government organizations.
13. It is mandatory on applicant's part to obtain NOC from CGWA for the extraction of ground water.
14. The Capital investment of the industry is Rs. 733.50 Lacs.


(Rahul M. Wankhede)
Regional Officer



To,
M/s. Dilip Buildcon Ltd.,
S. No. S. No. 29,28,119,32,121/1,121/2,
Mouza- Keljhar, Tq.- Seloo Dist.- Wardha.

Received Consent fee of –

Sr. No.	Amount(Rs.)	TXN. No.	Date
	25000	TXN1709000837	10 Sept 2017

Copy submitted to favour of information to:-

Member Secretary, MPCB, Mumbai.

Copy forwarded for information:-

The chief Accounts officer, MPCB, Mumbai.

Copy to:- The Sub-Regional officer, Nagpur-II.