

MAHARASHTRA POLLUTION CONTROL BOARD

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"Sahakar Surabhi" Bapatwadi Near Vivekanand Colony

Amravati - 444606

Green/S.S.I

Consent No: SRO-AMRAVATI I/CONSENT/1711000245 Date: 07/Nov/2017

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

[To be referred as Water Act, Air Act and HW (M&TM) Rules respectively] CONSENT is hereby granted to

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**M/s. Anmol RMC.,
Gat No. 47, S. No. 10/2, Wadgaon Mahure,
Tal. & Dist. Amravati.**

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(M,H & 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: 31/11/2020.**
- 2. The Consent is valid for the manufacture of –**

Sr. No.	Product Name	Maximum Quantity	UOM
1	Ready Mix Concrete	60	M ³ /hr

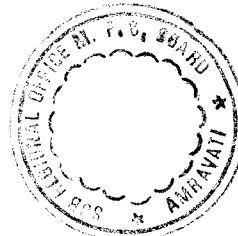


3. CONDITIONS UNDER WATER ACT:

- The daily quantity of trade effluent from the factory shall be **0.4 M³**.
- The daily quantity of sewage effluent from the factory shall not exceed **0.40 M³**.

(A) Water pollution control measures;

(I) 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 treatment system as is warranted to meet the disposal standards mentioned below.



Standards of the treated effluent Quality:

Sr. No.	Parameter	Concentration	Limits
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) The treated effluent shall be reused in the process, water sprinkling system or gardening / plantation only. There should not any discharge of effluent from the plant.

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.

(B) Solid waste treatment and disposal;

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.

(C) 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.

(D) The Following conditions industry shall comply:

- i. 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 of Pollution) Act, 1974.
- ii. The authority shall provide adequate Air pollution control arrangement at the source. They shall comply with the provisions under the Air (Prevention and Control of Pollution) Act, 1981 and conditions prescribed.
- iii. The remediation and restoration measure 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.



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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	...	0.50 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable	...	0.40 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic	...	0.00 CMD
(iv) Industrial Cooling, spraying in mine pits or boiler feed	...	15.60 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. ...N.A.....

(A) Air Pollution Control:

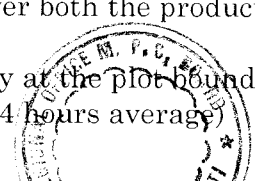
(i) In-house measures:

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 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/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 up to 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 tyre 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 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 & 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 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)



i) SPM/TPM Not to exceed 150 mg/NM³

5. Conditions for D.G. Set :N.A...

6. Standards for Stack Emissions:

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

Sr. No.	Type Of Fuel	Quantity	UOM
	N.A....	

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

Sr. No.	Chimney Attached To	Height in Mtrs.
	...N.A...	

(iii) 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 shall take effective steps for tree plantation of important indigenous variety of trees to ameliorate pollution of industry depending upon topographical/ geographical features of areas.
- 2) The soap stock shall be stored in a shed properly so as to avoid pollution problem during rainy season. The same shall be disposed from time to time.
- 3) There shall not be any nuisance to the surround area.

7. CONDITIONS UNDER Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016:

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

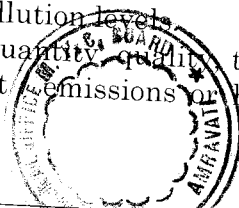
Sr. No.	Type Of Waste	Quantity	UOM	Disposal
		..N.A...		

(ii) Treatment: - NIL

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 equipments, the production process connected to it shall be stopped.

8. Industry shall comply with following additional conditions:

- iv. 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.
- v. The applicant shall bring minimum 33% of the available open land under green coverage/ tree plantation.
- vi. 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.
- vii. 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.
- viii. 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



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control equipments provided for without previous written permission of the Board.

- ix. 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.
 - x. The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
 - xi. 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 Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.**
 11. **This consent should not be construed as exemption from obtaining Necessary NOC/permission from any other Government authorities.**
 12. **Industry shall comply the Consent Condition & Maharashtra Pollution Control Boards Notification Dtd. 7/11/2016.**
 13. **Industry shall submit the Bank Guarantee of Rs. 25,000/- within 15 days from the date of issue of this consent towards the Operation & Maintenance of Pollution Control Systems.**
 14. **The Capital investment of the industry is Rs.500.00 Lacs.**



N. S. Lohalkar
20/11/17
(N. S. Lohalkar)
Sub-Regional Officer,
MPC Board, Amravati-I

To,
M/s. Anmol RMC.,
Gat No. 47, S.No. 10/2, Wadgaon Mahure,
Tal. & Dist. Amravati,

Received Consent fee of -

Sr. No.	Amount (Rs.)	TXN No.	TXN Date
1	15,000	TXN1710000976	12/10/2017
2	15,000	TXN1711000531	06/11/2017

Copy submitted to: Regional Officer, MPCB, Amravati.