

MAHARASHTRA POLLUTION CONTROL BOARD

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UdyogBhavan, First Floor Trimbak
Road, Near ITI, Satpur, Nashik-422007.

UAN NO.-0000022760

Orange/SSI

Consent No. RO-Nashik/Consent/1705000793

Date: 20/05/2017.

Consent to Establish under Section 25 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 & Other Waste (Management Handling & Transboundary Movement) Rules, 2016.

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

CONSENT is hereby granted to

M/s. Agroh Infrastructure Developers Pvt Ltd,
Gut No. 86,87 & 97 Pokhari Village
Tal.- Dharangaon, Dist.- Jalgaon .

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(MH&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. Consent to Operate is granted for a period up to commissioning of the unit or 5 years from date of issuance of consent, whichever is earlier.

2. Consent is valid for the manufacture of –

Sr. No.	Product	Maximum Quantity
1.	Ready Mix Concrete	25 M ³ /Hr.
2.	Crushed Sand	100 MT/Hr.
3.	Asphalt Mix	160 MT/Hr.
4.	Wet Mix Macadam	200 MT/Hr.
5.	Aggregate	200 MT/Hr.

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 3.0 M³

(III) Trade Effluent Treatment: 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.



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(Vii) Non Hazardous Solid Wastes:

<u>Sr. No.</u>	<u>Type of Waste</u>	<u>Quantity</u>	<u>Treatment</u>	<u>Disposal</u>
1.	Stone Dust	-----		Reuse

(viii) **Other Conditions:** The Industry shall 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 amended Rules, 2003 there under. The daily water consumption for the following categories is as under:

Domestic	4.0	CMD
Industrial processing	50.0	CMD(for mixing)
Industrial Cooling / spraying	5.0	CMD
Any other and gardening.	---	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:

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.

(a) **Control Equipment :** Industry shall provide dust collector of sufficient capacity to control the emissions from Stone crushing activity.

Control Equipment for stone crusher & Ready mix concrete activity :

The Suspended Particulate Matter contribution value at a distance of 40 meters from unit shall be less than 600 microgram/Nm³. The unit must also adopt the following pollution control measures.

1. Dust containment cum suppression system to all sources of dust emissions.
2. Construction of wind breaking walls in the crusher premises.
3. Construction of the metal roads within the premises.
4. Regular cleaning and wetting of the ground within the premises.
5. Growing of a green belt along the periphery of stone crusher.
6. Water sprinkling arrangement shall be provided to crushing section
7. Loading and unloading of raw material and product shall be carried out in closed manner.
8. Raw material and product shall be stored in closed shed.
9. All ready mix concrete activity shall be carried out in closed manner.

Control Equipment for Hot Mix Plant :

1. Drum mix machine shall be provided with dust collector followed by scrubbing system of sufficient capacity to limit emission level.
2. Water sprinkling arrangement at the vent (6 m height) shall be provided for Hot Mix Plant before emitting flue gas through its vent with re-circulation system so as to avoid particulate matter emission.
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.

(b) **Standards for Emissions of Air Pollutants:**

(i) TPM...	Not to exceed	150 mg/Nm ³
(ii) SO ₂ ...	Not to exceed	10 Kg/D

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

<u>Sr.No.</u>	<u>Type of fuel</u>	<u>Quantity</u>	<u>UOM</u>
1.	HSD	500	Ltr/D



(d) The applicant shall erect the chimney(S) of the following specifications:

Sr. No.	Chimney attached to	Height in Mtrs
1.	Hot Mix Dryer	15
2.	D.G. Set 125 KVA	3 mtr. Above roof level

(e) 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.

(f) 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 is reckoned between 10 p.m. and 6 a.m.

(g) 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.

(h). Conditions for D.G. Set:

- i. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- ii. 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.
- iii. 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.
- iv. 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.
- v. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- vi. 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. D.G. Set shall be operated only in case of power failure.
- vii. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set

6.CONDITIONS UNDER HAZARDOUS & OTHER WASTE (MH& TM) RULES, 2016:

(i) The applicant shall handle hazardous wastes as specified below:

Sr. No	Item No. of Process generating HW as per schedule I/II	Type of Waste	Quantity	Disposal
The industry shall not generate any type of hazardous waste.				

(ii) Treatment: Nil

(iii) The authorization is hereby granted to operate a facility for collection, storage, transport and disposal of hazardous waste.

(iv) The Industry should comply with the Hazardous & Other Waste (M&H) (**Management Handling & Transboundary Movement**) Rules, 2016.

7. 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.

8. General Conditions:

- (i) The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, no. of trees surviving as on 31st March of the year and no. of trees planted by September end.
 - (ii) The applicant shall provide for an alternate electric power source sufficient to operate all pollution control facilities installed by the applicant and operate the same in case of power failure to maintain compliance with the terms and conditions of the consent. In the absence of same, the applicant shall stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels
 - (iii) **The applicant shall make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.** 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.
 - (iv) The firm shall submit MPCB, 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 before 30th September every year. This Consent is granted only for stone crushing activity & industry shall obtain separately Environment Clearance for stone quarrying activity
 - (v) The applicant shall install a separate 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. The applicant shall also submit a comparative statement of designed power and chemical consumptions Vis-a Vis actual power and chemical consumption along with Environmental statement.
 - (vi) 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. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
 - (vii) 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. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
 - (viii) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
 - (ix) 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.
 - (x) In case of any expansion, addition, modernization, any change etc. in the existing plant / activity, the plant / activity authority shall obtain prior permission from the Board.
9. This Board reserves the right to amend or add any conditions in this consent and the same shall be binding on the Applicant.
10. The consent should not be construed as exemption from obtaining necessary NOC from any other Government agencies as required.



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11. The industry shall obtain permission /NOC from CGWA for ground water extraction Consent to Operate before starting production activity.
12. The industry shall obtain consent to operate before starting production activity.
13. The Capital investment of industry is Rs. 497.02 Lakh (As per undertaking submitted by industry).



(R. U. Patil)
Regional Officer, Nashik

To,
M/s. Agroh Infrastructure Developers Pvt Ltd,
Gut No. 86,87 & 97 Pokhari Village
Tal.- Dharangaon, Dist.- Jalgaon .

Copy forwarded to:

- 1) Sub-Regional Officer, MPCB, Jalgaon- They are directed to ensure compliance of consent condition.
- 2) Cess Wing /Statistical Wing /Air Wing/HWMH Wing, MPCB, Mumbai.

Received Consent fee of -

<u>Amount</u>	<u>D.D.No.</u>	<u>Date</u>	<u>Drawn on</u>
Rs.30000/-	1703001141	10/03/2017	-----