

MAHARASHTRA POLLUTION CONTROL BOARD

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Udyog Bhavan, First Floor

Trimbak Road, Near ITI, Satpur,
Nashik - 422007

Orange/S.S.I

Date: 02/02/2020

Consent No: RO-NASHIK/CONSENT/2003000089

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 & Trans-boundary Movement) Rules 2008

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

CONSENT is hereby granted to;

M/s. Atharva stone crusher & Hot mix plant,
Sr. NO. 46/1, At - Girnar nagar, nandgaon,
Tal- Nandgaon, Dist -Nashik.

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:- 30.01.2023.
2. The Consent is valid for the manufacture of -

| Sr. No. | Product Name | Maximum Quantity | UOM |
|---------|--------------------|------------------|---------|
| 1 | Bitumen (HOT MIX) | 3000 | MT/M |
| 2 | Stone Crushers | 11100 | Brass/M |

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 0.60 M³.
- (iii) Trade Effluent: Nil.
- (iv) Treatment: 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 27° 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:-

| S.N. | Type Of Waste | Quantity | UOM | Treatment | Disposal |
|------|---------------|----------|---------|-----------|-------------------------------|
| 1 | Stone Dust | 10 | Brass/M | - | By Sale to Brick Manufacturer |

(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 | ...1.00 CMD |
| (ii) Water gets Polluted & Pollutants are Biodegradable | ...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 | ...2.00 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 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:

| | | |
|--------------------|---------------|------------------------|
| Particulate matter | Not to Exceed | 150 mg/Nm ³ |
|--------------------|---------------|------------------------|

a) A]Control Equipment:

- (I) Dust containment cum suppression system;
- a) Enclosure/containment for process equipment's (Such as crusher (Primary (Jaw crusher) & secondary (vertical shaft impactor), Screen (vibratory/rotary) Transfer points, Belt conveyors etc.)
- b) Water sprays/ Automatic Water Sprinkler at Raw Material unloading Hopper, Primary /Jaw Crusher, Belt Conveyor, Transfer points, secondary (vertical shaft impactor (VSI)), Discharge Points (finished product loading from Hopper) & finished product (stock pills).etc
- (II) Wind breaking walls. (Adequate height metal sheet barrier).
- (III) Internal Pucca Road & Road Cleaning Mechanism/arrangement.
- (IV) Arrangement for water spraying and wetting of ground in the premises.
- (V) Green belt of sufficient width and height shall be developed.

B] Control Equipment (Hot Mix Plant):

1. Drum mix machine shall be provided with dust collector followed by scrubbing system of sufficient capacity to limit emissions.
2. Construction of metallic roads within the premises.
3. Regular cleaning and wetting of the ground within the premises.
4. Growing of a green belt along the periphery.

a) Standards for Air Emission;

The Suspended Particulate Matter measured between 3 meters and 10 meters from any process equipment of stone crushing unit shall not to Exceed 600 µg/m³

6. Standards for Stack Emissions:

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

| Sr. No. | Type Of Fuel | Quantity | UOM |
|---------|--------------|----------|-----------|
| 1 | Diesel | 4 | Liters/Hr |

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

| Sr. No. | Chimney Attached To | Height in Mtrs. |
|---------|---------------------|-----------------|
| 1 | Hot Mix Drum | 11 |

(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.

(iv) **Other Conditions:**

- 1) The industry should not cause any nuisance in surrounding area.
- 2) The industry shall achieve The National Ambient Air Quality Standards (NAAQS) published in 2009 G.S.R826 (E), dated 16.11.2009.

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

- (i) The Industry shall not generate any hazardous waste.

8. 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.
- 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.
- xiii. The project authorities shall install well designed water sprinkling arrangements including fixed and mobile sprayers for dust suppression.
9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Statutory/Government agencies.
10. This Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
11. The applicant shall apply for consent to operate before taking actual commercial production.
12. The applicant shall obtain permission from Central Ground Water Authority in case of use of ground water.
13. The industry shall comply with the location criteria for setting up Stone Crushers units as under;
- a. The distance of the nearest point of boundary of the land in which the stone crusher is to be set up must be at least 500 meters away from the National Highway, 200 meters away from the State Highway and 100 meters away from the other roads.
- b. The distance of the nearest point of boundary of the land in which the stone crusher is to be set up must be at least 500 meters away from the nearest habitation (minimum 1000 Souls).
14. Industry shall submit Bank Guarantee of Rs. 25,000/- for O & M of pollution control system.
15. The Capital investment of the industry is Rs. 124.05 Lacs.

For and on behalf of the
Maharashtra Pollution Control Board

(Amar B Durgule)
Regional Officer, Nashik.



To,
M/s. Atharva stone crusher & Hot mix plant,
Sr. NO. 46/1, At - Girnar nagar, nandgaon,
Tal- Nandgaon, Dist -Nashik.

Copy to:

1. Sub-Regional Officer, MPCB Nashik.
2. Master File.

Received Consent fee of -

| Sr. No. | Amount(Rs.) | Transaction No. | Transaction Date |
|---------|-------------|-----------------|------------------|
| 1 | 10000/- | TXN1912001298 | 16/12/2019 |
| 2 | 25000/- | PSBI7139288185 | 23/01/2019 |
| 3 | 16500/- | TXN2002002607 | 27/02/2020 |