

MAHARASHTRA POLLUTION CONTROL BOARD

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Regional Office, Raigad Bavan 6th floor Sector -
11, C.B.D Belapur

Navi Mumbai - 400614

Red/S.S.I

Date: 01 / March / 2017

Consent No: RO-Raigad/CONSENT/1703000072

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. Sai Infra
S.No.13/5, Vill-Khanand,
Tal-Karjat, Dist-Raigad

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:

The Consent to Establish is granted for a period up to: 31/01/2020.

1. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Asphalt Hot Mix	150.0	Ton/day

2. 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 0.8M³.

(iii) Trade Effluent : Nil

(iv) Trade Effluent Disposal: Nil.

(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 Waste	Quantity	UOM	Disposal
-NA-				

(viii) **Other Conditions:** Nil

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	...	50.00 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic	...	0.00 CMD
(iv) Industrial Cooling, spraying in mine pits or boiler feed/ Gardening	...	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.

3. 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:

i) SPM/TPM	Not to exceed	The SPM measured between 3 to 10 Mtrs, from any process equipment of hot mix unit shall not Exceed 600 µg/Nm3
ii) So2	Not to exceed	2.0 Kg/Day

a. Control Equipment:

1. You shall provide Wind breaking walls.
2. Dust suppression system & sprinkling arrangement shall be provided to all sources of dust emission.
3. You shall develop a green belt along the periphery of unit.
4. You shall construct metallic roads within premises.
5. You shall follow regular cleaning & wetting of the ground within premises.

6. Dust Collector system shall be provided on the top silos, cement godown feeder system, mixer unit.
7. You shall provide/installation of water scrubbing arrangement for scrubbing the obnoxious fumes arises from hot mixing section.

4. Conditions for D.G. Set :

- a. Conditions for D.G. Set: 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

5. Standards for Stack Emissions:

The applicant shall observe the following fuel pattern:-

Sr. No.	Type Of Fuel	Quantity	UOM
1	LDO	30.0	Liters/Day

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	D.G Set (125 KVA)	7.0
2	Hot Mix Plant	15.0

- (i) 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.

- (ii) 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.
- (iii) The industry shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof alteration or replacement alteration well before its life come to an end or erection of new pollution control equipment.
- (iv) The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part in necessary).

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.
- 3) There shall not be any secondary (fugitive) emissions.

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

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

7. 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 make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- vii. 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 Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
8. Board reserves right of revoke, suspend or amend the consent issued.
9. The consent should not be construed as any exemption from obtaining necessary NOC from other Govt. agencies as may deemed fit necessary.
10. Industry shall submit undertaking on 100/- stamp paper, that they have violated provision of Environmental Laws & regulation and in future they will not do such violation, within 15 days period.
11. Industry shall submit Bank Guarantee of Rs. 15,000/- favor of Regional Officer Raigad within 15 days period, towards provision of scrubber to hot mix plant within one month period.
12. The Capital investment of the industry is Rs.16.24 Lacs

FOR AND ON BEHALF OF M.P.C. BOARD

(Dr. A.N Harshvardhan)
Regional Officer, Raigad

To,
M/s. Sai Infra
S.No.13/5, Vill-Khanand,
Tal-Karjat, Dist-Raigad

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	6000.00	TXN1701003794	27-01-2017	-

Copy to: Sub Regional Officer Raigad-II, MPCB.