

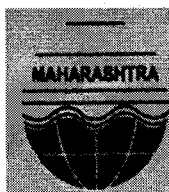
MAHARASHTRA POLLUTION CONTROL BOARD

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"Sahakar Surabhi" Bapatwadi Near Vivekanand Colony

Amravati - 444606

Orange/L.S.I

Date: 10/05/2019.

Consent No: RO-AMRAVATI/CONSENT/1905000559

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 2016.

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

.....
CONSENT is hereby granted to

M/s. PNC Infratech Ltd.

G.No. 194/2,195/1 and 203/1, At-Pedgaon,

Tal.-Mangarulpur, Dist.-Washim.

Located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW and OW (M&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 1st Operate is granted for a period up to: 30/04/2021.
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1.	Stone Metal (Unit-I & Unit-II)	2000	Ton/Day
2.	Stone Dust (Unit-I & Unit-II)	300	Ton/Day
3.	Stone Sand (Unit-I & Unit-II)	50	Ton/Day
4.	Ready Mix Concrete (Unit I,II,III,IV)	450	M ³ /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 2.0 M³.
- iii) **Trade Effluent** :-N. A.

Treatment :- The Applicant shall provide comprehensive treatment system consisting of primary/secondary and/or tertiary treatment as is warranted with reference to influent quality and operate and maintain the same continuously so as to achieve the quality of the treated effluent to the following standards.

1.	pH	Between	5.5 to 9.0
2.	Suspended Solids	Not to exceed	100 mg/l
3.	B.O.D. 3 days 27 °C	-do-	100 mg/l ---N.A.--
4.	C.O.D.	-do-	250 mg/l
5.	Oil & Grease	-do-	10 mg/l
6.	Total Dissolved Solids	-do-	2100 mg/l

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.

Suspended Solids	Not to exceed 100 mg/l
B.O.D. 3 days 27 °C	-do- 100 mg/l

vi) **Sewage Effluent Disposal :-** 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 plantation only.

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

Type of Waste	Quantity	Treatment	Disposal
... N. A. ...			

viii) **Other conditions :-** 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 area.

4. The daily water consumption for the following categories is as under:

(i) Domestic purpose	...	5.0 CMD
(ii) Water gets Polluted & Pollutants are Biodegradable	...	0.00 CMD
(iii) Water gets Polluted, Pollutants are not Biodegradable & Toxic	...	0.00 CMD
(iv) Industrial Cooling, spraying in mine pits or boiler feed	...	145.0 CMD (For Mixing purpose)
(v) Others/Gardening/Plantation	...	05.0 CMD

5. **CONDITION 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 mentioned below to achieve the level of pollutants within prescribed limits.

Control Equipment :-

This unit must also adopt the following pollution control measures :

1. Dust containment cum suppression system for the equipments viz. crusher, Sieves, conveyor belts, any other source of particulate matter.
2. Growing of a green belt along the periphery.
3. Regular cleaning & wetting of the ground within premises.
4. Construction of metallic roads within premises.
5. Construction of wind breaking walls.
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.

Standards for Emission of Air Pollutants :-

- i) **The particulate matter PM10 contribution value from unit shall be less than 100 ug / m3.**

For RMC Plant:-

All material transfer point should be covered.

- The dust containment system shall be provide incorporating either of the following
- Barricading all around the periphery of the plot boundary with hight 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.
- Internal work area shall be, cement concreted/Asphalted.
- Daily cleaning/Removal of dust accumulation inside the plant (dry/wet) shall be carry out, with industrial vacuum cleaner.
- Two level tyre washing facility shall be provide 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 control system at loading point as well as roof top secondary dust control system.
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 fugitive 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 emission.
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 emission.
6. Storage area of sand & aggregate shall be equipped with roof top water sprinkling 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).

Sr.No.	Parameter	Concentration	Limits
1	Particulate Matter PM 10	Not to Exceed	100 $\mu\text{g}/\text{m}^3$
2	Particulate Matter PM 2.5	Not to Exceed	60 $\mu\text{g}/\text{m}^3$

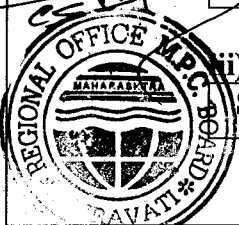
- a) Commercial plants shall install continuous ambient air quality monitoring station (CAAQMS) within the premises.
- b) Captive plant shall carry out ambient air quality monitoring twice in a week for 24 hours.

ii) The applicant shall observe the following fuel pattern.

Sr. No.	Type of Fuel	Quantity	UOM
--	Diesel	157	Liter/Hr.

ii) The applicant shall erect the chimney (s) of the following specification.

Sr. No.	Chimney attached to	Height in Meters.
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1.	D.G.Set (1000 KVA)	06
2.	D.G.Set (380 KVA)	05
3.	D.G.Set (380 KVA)	05
4.	D.G.Set (125 KVA)	03

iv) 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 inspections to/an for use of the Board's staff. The chimney(s), vents attached to various sources of emission shall be designated numbers such as S-1, S-2 etc. and these shall be painted/displayed to facilitate identification.

v) 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 75dB (A) during day time and 70 dB(A) during night time. Day time is reckoned in between 6.0 a.m. and 10.0 p.m. and night time is reckoned between 10.0 p.m. and 6 a.m.

vi) Other conditions :- Green belt afforestation shall be done upto 33%.

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

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

Sr. No.	Waste Cat No.	Type of Waste	Quantity	Disposal
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There shall be no generation of hazardous waste.

ii) **Treatment :-**

...N.A...

iii) The authorisation is hereby granted to operate facility of collection, storage, transport and disposal of hazardous waste.

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. Industry shall comply with following additional conditions:

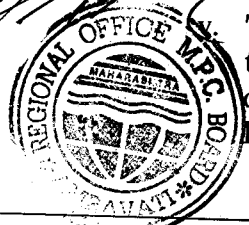
i. The applicant shall maintain good housekeeping and take adequate measures for control of pollution from all sources so as not to cause nuisance to surrounding area / inhabitants.

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.

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 14th 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. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory
09. The Board reserved the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.
10. This consent shall not be construed as any exemption from obtaining necessary NOC/permission from any other Government authorities/organization.
11. The Capital investment of the industry is Rs. 1756.35/- Lakh's.



(Sanjay D. Patil)
I/c. Regional Officer

To,
The Occupier
M/s. PNC Infratech Ltd.
G.No. 194/2,195/1 and 203/1, At-Pedgaon,
Tal.-Mangarupir, Dist.-Washim.

Received Consent fee of -

Sr. No.	Amount(Rs.)	Transaction No.	TXN. Date	Approved On
	50000/-	TXN1904002755	30/04/2019	30/04/2019

Copy submitted to favor of information to:-

Member Secretary, MPCB, Mumbai.

Copy forwarded for information :-

The chief Accounts Officer, MPCB, Mumbai.

Copy to : The Sub-Regional Officer, MPC Board, Amravati-II.