

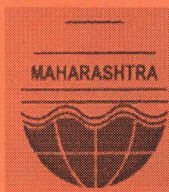
MAHARASHTRA POLLUTION CONTROL BOARD

REGIONAL OFFICE KOLHAPUR

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Email : rokolhapur@mpcb.gov.in



Udyog Bhawan Near Collector Office,

Kolhapur - 416003

Visit At : <http://mpcb.gov.in>

Orange/S.S.I/

Date: 04/10/2018

Consent No: RO-KOLHAPUR/CONSENT/18/0000176/967/18

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

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

M/s. NARAYANI FOUNDRY
PLOT NO.C-5, MIDC GOKULSHIRGAON,
TAL. KARVEER, DIST. KOLHAPUR.

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 Establish is granted for a period up to: **Commissioning of the unit OR 5 years whichever is earlier.**

2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	C.I. & S.G.I CASTING	250	MT/M

3. CONDITIONS UNDER WATER ACT:

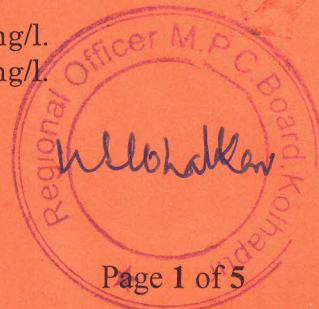
- (i) The daily quantity of trade effluent from the factory shall be NIL.
(ii) The daily quantity of sewage effluent from the factory shall not exceed 2.50M³.

(iii) Trade Effluent Treatment: NA

(iv) Trade Effluent Disposal: NA

(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
1	BURNT SAND , DUST & SLAG	25.00	MT/M	LAND FILLING/SALE TO BRICKS MANUFACTURERS
2	BROKEN CORES	5.00	MT/M	LAND FILLING/SALE TO BRICKS MANUFACTURERS
3	SHOT BLASTING DUST	5.00	MT/M	By SALE
4	GRINDING WHEELS	300	Nos/M	By SALE

(viii) **Other Conditions:** Industry shall monitor effluent quality regularly.

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

(i) Domestic	...	2.70 CMD
(ii) Industrial Processing	...	0.00 CMD
(iii) Industrial Cooling	...	6.00 CMD
(iv) Agriculture / Gardening	...	0.00 CMD

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:

A) Control Equipment:

1. Fume extraction system followed by wet scrubber with adequate stack height shall be provided to all source of emissions.
2. Cyclone separator followed by bag filter type dust collector shall be provided to shot blasting.

B) Standards for Emissions of Air Pollutants:

- (i) TPM Not to exceed 150 mg/Nm³.
- (ii) So₂ Not to exceed ... Kg/Day.

6. Conditions for D.G. Set : NA

7. Standards for Stack Emissions:

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

Sr. No.	Type Of Fuel	Quantity	UOM
1	Electricity	--	Mwh

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	INDUCTION FURNACE (300 KG- 2 POTS)	15.00
2	SAND PLANT	15.00
3	SHOT BLASTING MACHINE(No. 10)	15.00
4	SHOT BLASTING MACHINE NO.2	15.00

- (iii) 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

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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.

- (iv) 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 provide adequate mechanical dust collector, Scrubber to furnace.
- 2) The industry shall not cause any nuisance in surrounding area.
- 3) The industry shall monitor stack emissions and ambient air Quality Regularly.

8. 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
1	33.1 Empty barrels/containers/liners contaminated with hazardous chemicals /wastes	50.00	No/M	Authorized recycler/CHWTSDF
2	5.2 Wastes/residue containing oil	50.00	Kg/M	CHWTSDF
3	21.1 Process wastes, residues and sludge (Paint sludge)	100.00	Kg/M	CHWTSDF
4	5.1 Used /spent oil	100.00	Ltr/M	Authorized recycler/CHWTSDF

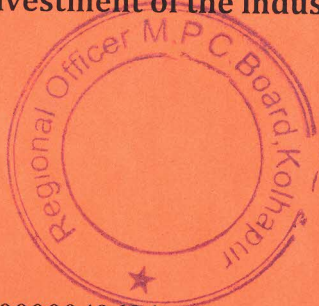
9. Whenever due to any accident or gas leakage other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body the production process shall be stopped by taking all necessary safety measures. Industry shall also monitor the emission and ensure that the emission do not cause any harm or nuisance in the surrounding. The industry shall not restart the process without permission of the Board and other statutory organization as require under the law.

10. Industry comply with following additional conditions:

- i. The applicant 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 bring minimum 33% of the available open land under green coverage/ tree plantation.

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- 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 take necessary permissions from civic authorities for disposal to dumping ground.
- iv. The applicant 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 stop, reduce or otherwise, control production to abide by terms & conditions of this consent regarding pollution levels.
- v. The applicant not change or alter quantity, quality, the rate of discharge, temperature or the mode of the effluent / emissions or hazardous wastes or control equipment's provided for without previous written permission of the Board.
- vi. The applicant 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 pay to the Board for the services rendered in this behalf.
- vii. The applicant make an application for renewal of the consent at least 60 days before the date of the expiry of the consent.
- viii. The firm 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 be opened and made available to the Board's officers during their visit to the applicant.
- x. The applicant 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 be maintained.
- xi. Separate drainage system be provided for collection of trade and sewage effluents. Terminal manholes be provided at the end of collection system with arrangement for measuring the flow. No effluent be admitted in the pipes / sewers down- stream of the terminal manholes. No effluent find its way other than in designed and provided collection System.
- xii. Neither storm water nor discharge from other premises be allowed to mix with the effluents from the factory.
11. Board reserves the right to review, amend, suspend, revoke Etc. this consent and the same be binding on the industry.
12. This consent shall not be construed as exemption from obtaining necessary NOC/permission from any other Government agencies.
13. Industry shall obtain consent to operate before starting commercial Production.
14. Industry shall obtain permission of CGWA for use of ground water.
15. The Capital investment of the industry is Rs. 255.00 Lacs.



Nagesh Lohalkar
 (Nagesh Lohalkar)
 Regional Officer, Kolhapur

To,
M/s NARAYANI FOUNDRY
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TAL. KARVEER, DIST. KOLHAPUR.

Copy submitted to:

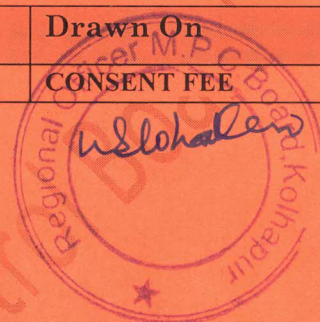
1. The Member Secretary, MPC Board, Mumbai.
2. The Chief Accounts Officer, MPC Board, Mumbai.
1. Cess wing/Statistical wing/Air wing/Hazardous Management wing, MPC Board, Mumbai.

Received Consent fee of -

Sr. No.	Amount(Rs.)	Transaction No.	Date	Drawn On
1	15000/-	TXN1805003215	29.05.2018	CONSENT FEE

Copy to :-

1. The Sub Regional Officer, MPC Board, Kolhapur.



Maharashtra Pollution Control Board