

MAHARASHTRA POLLUTION CONTROL BOARD REGIONAL OFFICE, PUNE

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3rd Floor, "Jog Center"
Wakdevadi, Mumbai-Pune Road,
Pune - 411 003.

Orange/M.S.I.

Date: 02/04/2019

Consent No: RO-PUNE/CONSENT/1904000116

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

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

.....
CONSENT is hereby granted to

M/s. Paranjape Auto Cast Pvt. Ltd.
Plot.No.H-19, MIDC Satara,
Tal. Dist. Satara.

located in the area declared under the provisions of the Water Act, Air act and Authorization under the provisions of HW(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 Operate is granted for a period up to 31/12/2020.

2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1.	Iron Casting & Components of Automobile	500	MT/M

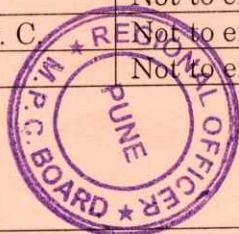
1. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall not exceed 14.2 M³.
(ii) The daily quantity of sewage effluent from the factory shall not exceed 2.00 M³.
(iii) **Trade Effluent :**

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	BOD 3 days 27 Deg. C	Not to exceed	30	mg/l.
4	COD	Not to exceed	250	mg/l.

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5	Oil & Grease	Not to exceed	10	mg/l.
6	T.D.S.	Not to exceed	2100	mg/l.
7	Chlorides	Not to exceed	600	mg/l.
8	Sulphates	Not to exceed	1000	mg/l.

(iv) **Trade Effluent Disposal :** Treated effluent shall be recycled at maximum extent and excess if any shall be utilized on own land for gardening purpose only. In no case, at any time effluent shall not be discharged outside the factory premises.

(v) **Sewage Effluent Treatment:** The applicant shall provide comprehensive sewage treatment Plant 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	50	mg/l.
(2)	BOD 3 days 27° C.	Not to exceed	30	mg/l.
(3)	COD	Not to exceed	100	mg/l.

(vi) **Sewage Effluent Disposal:** The treated domestic effluent shall be recycled at maximum extent and excess if any shall be used on land for gardening / plantation only.

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

Sr. No.	Type Of Waste	Quantity	UOM	Treatment	Disposal
01.	Burnt Sand	800	MT/M	--	Send to reclamation other Plant.
02.	MS Scrap	300	MT/M	--	In house use

(viii) **Other Conditions:**

- 1) Industry should regularly monitored the effluent quality from MoEF approved lab. and submit the report
- 2) Industry shall develop green belt of local species in 1/3rd of total area.

2. 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	...	17.30 CMD
(ii) Industrial Processing	...	4.00 CMD
(iii) Industrial Cooling	...	15.00 CMD
(iv) Agriculture / Gardening	...	0.00 CMD
(v) Others	...	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:

a. Control Equipment:

Industry shall provide fume extraction system followed by dust collection system of sufficient capacity to control different source of emissions.

b. Standards for Emissions of Air Pollutants:

- | | | | |
|------|-----------------|---------------|------------------------|
| (i) | SPM/TPM | Not to exceed | 150 mg/Nm ³ |
| (ii) | SO ₂ | Not to exceed | 1.0 Kg/Day |

4. Standards for Stack Emissions:

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

Sr. No.	Type Of Fuel	Quantity	UOM
01	HSD	20	Liters/Hr.
02	LPG	2500	Kg/M

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

Sr. No.	Chimney Attached To	Height in Meter
01	DG Set(62.5KVA)	3.0 above roof level
02	Induction Furnace (750 Kg/hr)	15
03	Shot Blasting	12
04	Paint Shop 1	03 meters above roof
05	Paint Shop 2	04 meters above roof

- (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 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.
- (v) **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.

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

- (i) The Industry shall handle hazardous wastes as specified below.

Sr. No.	Cat. & Type of Waste	Quantity	UOM	Disposal
01.	21.1- Paint Sludge	400	Kg/M	CHWTSDF
02.	34.3- ETP Sludge	05	Kg/M	CHWTSDF

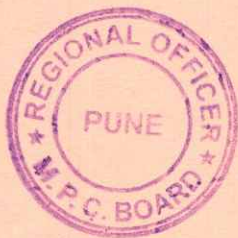
- (ii) Treatment: - NIL.

1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
2. The industry should comply with the Hazardous & Other Waste (M & TM) Rules, 2016.
 - a. 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.
 - b. The unit has to display and maintain the data online outside the factory main gate in Marathi & English both on a 6'x4' display board in the manner and the report of the compliance along with photograph shall be submitted to this office & concerned Regional Office/ Sub-Regional Office.
 - c. It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous & Other Waste (M & TM) Rules, 2016.

6. Industry shall comply with following general 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 per 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.
7. This is without prejudice to any other permission required under any of the laws, by-laws or regulations in force.
 8. This Board reserves the right to add / amend / revoke any condition in this consent and the same shall be binding on the applicant.
 9. Industry shall obtain NOC from Central Ground Water Authority in case of ground water extraction for the activity.
 10. Industry should obtain valid consent of the Board well in advance before expiry of its validity period.
 11. Industry should strictly comply the provisions made under the Maharashtra Plastic & Thermocol Products(Manufacture, Usage, Sale and Transport, Handling and Storage) Notification 2018, dated 23/03/2018 & amendment thereto.
 12. For operation and maintenance of pollution control system and compliance of consent conditions, industry should submit Bank Guarantee of Rs. 1,00,000/- (Rs. One Lakh Only) in favor of Regional Office, Pune within 15 days time period for the validity period upto 31.03.2021.
 13. The Capital investment of the industry is Rs. 740.00 Lakh.



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

(Dilip K. Khedkar)
REGIONAL OFFICER, PUNE

To,
M/s. Paranjape Auto Cast Pvt. Ltd.

Plot.No.H-19, MIDC Satara,
Tal. Dist. Satara.

Copy to:
Sub-Regional Officer, MPCB, Satara.

Received Consent fee of -

Sr. No.	Amount (Rs.)	Transaction No.	Date
1.	25000.00	NEFT-7618460- SBI	05/12/2018
2.	1500.00	NEFT-7618613- SBI	15/12/2018

