

MAHARASHTRA POLLUTION CONTROL BOARD

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Website: http://mpcb.gov.in		Near Sion Circle, Sion (E)
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RED/L.S.I

Consent No: BO/JD(APC)/EIC No. PN-8602-11/O-

CAC-23 24/11/2011
Date: / /2011

Consent to establish 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 & Transboundry Movement) Rules 2008

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

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CONSENT is hereby granted to

Tata Motors Ltd.
Passenger Car Unit,
Sector No. 15 & 15A, PCNTDA,
Chikhali, Taluka - Haveli,
Dist.: Pune: 410 501

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 year which ever is earlier
2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity
1	Passenger Vehicles (Jaguar-Landrover)	3500 Nos. /Year

3. CONDITIONS UNDER WATER ACT:

- (i) The daily quantity of trade effluent from the factory shall be not exceed 80.0 M³
- (ii) The daily quantity of sewage effluent from the factory shall not exceed 80.0 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 exceed	100 mg/l
3	B. O. D.	Not exceed	30 mg/l.
4	C. O. D.	Not exceed	250 mg/l.
5	Oil & Grease	Not exceed	10 mg/l
6	Chloride	Not exceed	600mg/l
7	T. D. S.	Not exceed	2100 mg/l
8	Sulphate	Not exceed	1000 mg/l
9	Lead	Not exceed	0.1 mg/l
10	Manganese	Not exceed	2.0 mg/l
11	Zinc	Not exceed	05 mg/l
12	Iron	Not exceed	03 mg/l
13	Nickel	Not exceed	03 mg/l
14	Copper	Not exceed	03 mg/l
15	Cyanide	Not exceed	0.2 mg/l
16	Cr ⁶⁺	Not exceed	0.1 mg/l
17	Total Chromium	Not exceed	2.0 mg/l

- (iv) **Trade Effluent Disposal:** The industrial effluent shall be recycled to process and used on land for irrigation to maximum extent. There shall not be any discharge outside the factory premises.
- (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 scaked 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	Treatment	Disposal
	Mixed trash / garbage from office and shops	100 MT/Year		By sale	
	Scrap packing waste including paper, plastic, thermocole, cardboard etc.	100 MT/Year		By sale	
	Scrap rubber, plastic, tyres etc.	50MT/Year		By sale	
	Electric Scrap	5 MT/Year		By sale	
	Scrap empty containers	10MT/Year		By sale	

- (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	...	100 CMD
(ii) Industrial Processing	...	100 CMD
(iii) Industrial Cooling	...	0.0 CMD
(iv) Generating	---	0.0 CMD
Biodegradable waste water	---	0.0 CMD
(v) Agriculture / Gardening	---	0.0 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 :

Standards for Emissions of Air Pollutants:

(i) SPM/TPM	Not to exceed	150	mg/Nm ³
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- (i) The applicant shall observe the following fuel pattern:-

Type of fuel used	Quantity	Unit
-	-	-

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

Sr. No.	Chimney No	Chimney Attached To	Height

- (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: -

(vi) 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.

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

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

Sr. No.	Waste* Category No. as per Rules	Description of Hazardous Waste		Generation (Consented)	Prescribed Disposal
		As per Schedule I of the Haz. Waste (MH&TM) Amendment Rules, 2008	Waste description		
1.	5.1	Used/spent oil	All types of scrap/waste oil / fuel 'LOTS' disposed through scrap auction / tender	100 MT/Y	Authorized Re-cyclers/ Reprocessor

Sr. No.	Waste* Category No. as per Rules	Description of Hazardous Waste		Generation (Consented)	Prescribed Disposal
		As per Schedule I of the Haz. Waste (MH&TM) Amendment Rules, 2008	Waste description		
2.	5.2	Wastes/residues (not made with vegetable or animal mate)	-	10MT/Y	CHWTSDF

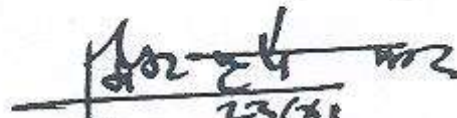
- (ii) Treatment: - NIL
1. The authorization is hereby granted to operate a facility for collection, storage, transport & disposal of hazardous waste.
 2. The industry should comply with the Hazardous Waste (M&H) Rules, 2003.
 - a. Whenever due to any accident or other unforeseen act or even, such emissions occur or is apprehended to occur in excess of standards laid down, such information shall be forthwith Reported to Board, concerned Police Station, office of Directorate of Health Services, Department of Explosives, Inspectorate of Factories and Local Body. In case of failure of pollution control equipments, the production process connected to it shall be stopped.
 - 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.

It shall be ensured that the Hazardous waste is handled, managed & disposed of strictly in accordance with the Hazardous Waste (Management & Handling) Rules, 1989 as amended on 2003 and shown & submitted to the Board as & when asked for.

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 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 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. An 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.
9. This is issued with approval of Consent Appraisal Committee meeting of the Board held on dtd. 09/11/2011.
 10. You shall submit Bank Guarantee of Rs.5,00,000/- in favor of Regional Officer Pune within 15 days towards operation & maintenance of existing unit ETP. The Bank Guarantee shall be valid for one year
 11. Total Capital investment of the industry is Rs. 4104.71 Crs (Existing Rs. 4082.58 Crs.+ Proposed Rs.22.13 Crs)


 23/11
 (Milind Mhaikar IAS)
 Member Secretary

To,
 Tata Motors Ltd.
 Passenger Car Unit,
 Sector No. 15 & 15A, PCNTDA,
 Chikhali, Taluka - Haveli,
 Dist.: Pune: 410 501

Copy to:

RO- MPCB Pune /SRO-MPCB Pimpri Chinchwad

- They are directed to ensure the compliance of consent conditions & obtain the B.G of Rs. 5,00,000/- from the industry within 1 month period.

CAO/Cess Branch/Master File

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	50000/-	119233	30/11/2010	HDFC Bank

* Consent fees received as per revised consent fees G.R. of Env't. Dept, GoM dated 25/08/2011