


# MAHARASHTRA POLLUTION CONTROL BOARD

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Red/L.S.I

Date: 04/12/2012

Consent No: BO/JD(APC)/EIC No. PN-12526-12 /O/CC/CAC-996

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. Mercedes-Benz India Private Limited,  
Plot No. E-3, MIDC Chakan,  
Phase-III, Kuruli and Nighoje,  
Tal. Khed, 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 Operate is granted for a period up to: 28/02/2015.

2. The Consent is valid for the manufacture of -

Sr. No.	Product Name	Maximum Quantity	UOM
1	Passenger Cars	10000	Nos./Year
2	Commercial Vehicles (Truck and Bus Chassis)	2400	Nos./Year
3	Assembly of commercial Vehicles (Buses)-	900	Nos./Year
4	Painting of Cars-	40,000	Nos./Year
5	Spare parts warehouse	-	-

3. CONDITIONS UNDER WATER ACT:

- The daily quantity of trade effluent from the factory shall not exceed 211 M<sup>3</sup>.
- The daily quantity of sewage effluent from the factory shall not exceed 167 M<sup>3</sup>

(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

Sr.no	Parameter	Limits
1	pH	Between 5.5 to 9.0
2	BOD 3 days 27 Deg. C	Not to exceed 30 mg/l
3	COD	Not to exceed 250 mg/l
4	SS	Not to exceed 100 mg/l.
5	Oil & Grease	Not to exceed 10 mg/l
6	TDS	Not to exceed 2100 mg/l.
7	Chlorides	Not to exceed 600 mg/l.
8	Sulphates	Not to exceed 1000 mg/l.
9	Phosphate	Not to exceed 5.0 mg/l.

(iv) **Trade Effluent Disposal:** The treated effluent shall use on land for gardening. 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 domestic effluent shall be treated in sewage treatment plant. Treated effluent shall be used on land for gardening / plantation only.

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

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1	Wood	5700.00	MT/A	By Sale
2	Rubber Waste	15.00	MT/A	By Sale
3	Used Tyres	700.00	Nos./Y	By Sale
4	Garbage Waste	600	MT/A	By Sale
5	Cu Scrap	4.00	MT/A	By Sale
6	Corrugated Boxes	1100.00	MT/A	By Sale
7	Factory sweepings	1155.00	MT/A	By Sale
8	Metal Scrap	85.00	MT/A	By Sale
9	Al Scrap	3.50	MT/A	By Sale
10	Plastic Scrap	9.5	MT/A	By Sale
11	Broken wind shield	12.60	MT/A	By Sale
12	Thermal waste	1.0	MT/A	By Sale

(vi) **Other Conditions:** The industry should monitor effluent quality regularly and submit the monthly report to the Regional Office of Board at Pune and also Cess division of Board.

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	...	187.00 CMD
(ii) Industrial Processing	...	454.00 CMD
(iii) Industrial Cooling	...	263.00 CMD
(iv) Agriculture / Gardening	...	500.00 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.

**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:**

- i) Fume extraction system followed by Dust collection system of sufficient capacity should be provided to all sources of SPM/TPM shall be operated properly and continuously
- ii) Painting activity shall be carried out in an enclosed shed
- iii) There shall not be any secondary (Fugitive) emissions.

**b. Standards for Emissions of Air Pollutants :**

(i) SPM/TPM	Not to exceed	150 mg/Nm <sup>3</sup>
(ii) SO <sub>2</sub>	Not to exceed	90.0 Kg/Day.

**c. Conditions for D.G. Set**

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.

**d.(I) The applicant shall observe the following fuel pattern:-**

**Type fuel used & quantity**

Sr. No.	Type Of Fuel	Quantity	UOM
1	Petrol	695.00	Lit/D
2	Diesel	4560.00	Lit/D
3	LPG	30.00	Kg/D
4	Natural Gas	1400	M3/hr

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

Sr. No.	Chimney Attached To	Height in Mtrs.
1	Bus Spray Paint Booth cum oven	3.00 Above roof
2	DG Set (82.5 KVA)	6.50
3	Bus Spray Paint Booth cum oven	3.00 Above roof
4	Car Primer Oven	3.00 Above roof
5	Car Primer Paint Booth Exhaust	1.50 Above roof
6	Car Base Coat Paint Booth Exhaust	1.50 Above roof
7	Car Top Coat Paint Booth Exhaust	1.50 Above roof
8	Cooling Zone Exhaust	1.50 Above roof
9	DG Set (1250 KVA)	30.00
10	Pretreatment Lab Exhaust	1.50 Above roof
11	Car Top Coat Oven	3.00 Above roof
12	PT Exhaust	1.50 Above roof
13	Smoke Canopy Exhaust	1.50 Above roof
14	Bus Zink Coating Oven	3.00 Above roof
15	Car EC Oven	3.00 Above roof

16	Car Primer Oven	3.00 Above roof
17	Car EC Oven	3.00 Above roof
18	Car Sealer Oven	3.00 Above roof
19	Paint Mixing Room Exhaust	1.50 Above roof
20	Car Top Coat Oven	3.00 Above roof
21	Incinerator for Oven Exhaust	30.00
22	Hot Water Generator	30.00
23	EC Exhaust	1.50 Above roof
24	Spot Repair Booth Exhaust	1.50 Above roof
25	Work Deck Exhaust	1.50 Above roof
26	Panel Painting Spray Booth Exhaust	1.50 Above roof
27	EC Exhaust	1.50 Above roof
28	Baking Oven	30.00
29	DG Set (1250 KVA)	30.00
30	Paint Mixing Room Exhaust	1.50 Above roof
31	DG Set (1010 KVA)	30.00

6. 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.
7. 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) **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.

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

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

Sr. No.	Type Of Waste	Quantity	UOM	Disposal
1	5.1 Used /spent oil	21.00	MT /Year	Sale to authorized reprocessor
2	31.1 Residues and wastes*	1.00	MT /Year	Sale to authorised vendor
3	21.1 Wastes and residues	787.00	MT /Year	CHWTSDF Ranjangaon
4	21.1 Wastes and residues	28500.00	MT /Year	CHWTSDF Ranjangaon
5	21.1 Wastes and residues	10000.00	Lits /Year	CHWTSDF Ranjangaon
6	22.2 Residues of platicisers	1500.00	MT /Year	CHWTSDF Ranjangaon
7	33.3 Discarded containers / barrels / liners	9500.00	Nos /Year	Sale to authorized Reprocessor/ CHWTSDF

8	33.3 Discarded containers / barrels / liners	15.00	MT /Year	Sale to authorized reprocessor/ CHWTSDF
9	34.3 Chemical sludge from waste water treatment	300.00	MT /Year	CHWTSDF Ranjangaon
10	5.2 Wastes/residue containing oil	2.60	MT /Year	CHWTSDF Ranjangaon
11	12.5 Phosphate sludge	210.00	MT /Year	CHWTSDF Ranjangaon
12	23.1 Waste Residue	135.00	Kg /Year	CHWTSDF Ranjangaon

(ii) Treatment: - NIL

- 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 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 WASTE (MANAGEMENT, HANDLING & TRANSBOUNDARY MOVEMENT) RULES, 2008 and shown & submitted to the Board as & when asked for.

**9. 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 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 30<sup>th</sup> day of September every year, the Environmental Statement Report for the financial year ending 31<sup>st</sup> 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.
- ix. 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.
- x. 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
- xi. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory
10. This is issued with approval of Consent Appraisal Committee meeting of the Board held on dtd. 26/11/2012.
11. You shall extend the existing Rs.5/- Lakhs Bank Guarantee period up to consent validity i.e. up to 28/02/2015
12. You shall submit Bank Guarantee of Rs.2/- Lakh in favor of Regional Officer Pune within 15 days against restrict effluent generation 240 CMD. The Bank Guarantee shall be valid for one year.
13. The Capital investment of the industry is Rs. 248.84Crs.

(Rajeev Kumar Mital IAS)  
Member Secretary

To,

M/s. Mercedes-Benz India Private Limited,  
Plot No. E-3, MIDC Chakan,  
Phase-III, Kuruli and Nighoje,  
Tal. Khed, Dist. Pune 410 501

Copy to:

- 1) Regional Officer/Sub-Regional Officer, MPCB, Pune-II-They are directed to ensure the compliance of consent conditions & extend existing the B.G of 5/- Lakhs up to consent validity period & obtain fresh BG of Rs. 2/- Lakhs from the industry & submit the detail report within 1 month period.
- 2) Chief Accounts Officer, MPCB, Mumbai

Received Consent fee of -

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	548715	002902	15/06/2012	HDFC Bank
2	1097229	002984	27/07/2012	HDFC Bank
3	30000	002985	27/07/2012	HDFC Bank