

MAHARASHTRA POLLUTION CONTROL BOARD

Phone : 4010437/4020781
/4037124/4035273
Fax : 24044532/4024068 /4023516
Email : jdair@mpcb.gov.in
Visit At : <http://mpcb.gov.in>



Kalpataru Point, 3rd & 4th floor, Sion- Matunga
Scheme Road No. 8, Opp. Cine Planet Cinema,
Near Sion Circle, Sion (E),

Mumbai - 400 022

Red/L.S.I

Date: 05/12/2013

Consent No: BO/JD(APC)/EIC No.PN-18455-13/E/CC-9994

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 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. Minda Valeo Security System Pvt. Ltd.,
Plot No.-B-21, MIDC Chakan,
Tal-Khed, Dist-Pune.

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 for expansion 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	UOM
1	Electrical and Mechanical Works for Automobile (Door Handles & Locksets) Industries (With Painting Activity)	30,00,000	Nos/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 4.8 M³.
- (iii) Trade Effluent: N.A.
- (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.
 - (1) Suspended Solids Not to exceed 100 mg/l.
 - (2) BOD 3 days 27o C. Not to exceed 100 mg/l.

- (vii) **Sewage Effluent Disposal:** The treated domestic effluent shall be treated in existing sewage treatment plant & treated effluent shall be used on land for gardening / plantation only.

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

S.No.	Type	Qty	UOM	Disposal
1	Plastic and Runner	1800	Kg/M	By Sale
2	Screws & MS	800	Kg/M	By Sale
3	Plastic Bags	1000	Kg/M	By Sale
4	Oil filters	5	No/M	By Sale
5	Copper Chips Key	150	Kg/M	By Sale
6	Rubber Parts	10	Kg/M	By Sale
7	Cooling Tower Sludge	5	Kg/Quarter	Mannure

(viii) **Other Conditions:**

- i) The unit shall carry out monthly monitoring of treated domestic as well as industrial effluent and submit the report of the same to the Board regularly
- ii) The unit shall take necessary efforts for segregation of solid waste at source only and disposal salable waste regularly. The records showing waste segregation at source to be maintained.
- iii) The unit shall take necessary efforts regarding rain water harvesting every monsoon.

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 | ... | 6.0 CMD |
| (ii) Industrial Processing | ... | 0.0 CMD |
| (iii) Industrial Cooling | ... | 0.0 CMD |
| (iv) Industrial Processing & floor washing | ... | 0.0 CMD |
| (iv) 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 :

- (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:

Control Equipment: -

- i. Adequate fume extraction system followed by dust collector of sufficient capacity shall be provided at all dust generating locations and operated properly.
- ii. Fume extraction system followed by scrubber of sufficient capacity shall be provided to paint booth section.
- iii. There shall not be any secondary (fugitive) emissions.

6. Conditions for D.G. Set

- a. Noise from the D.G. Set should be controlled by providing an acoustic enclosure or by treating the room acoustically.
- b. Industry should provide acoustic enclosure for control of noise. The acoustic enclosure/ acoustic treatment of the room should be designed for minimum 25 dB (A) insertion loss or for meeting the ambient noise standards, whichever is on

higher side. A suitable exhaust muffler with insertion loss of 25 dB (A) shall also be provided. The measurement of insertion loss will be done at different points at 0.5 meters from acoustic enclosure/room and then average.

- c. The industry shall take adequate measures for control of noise levels from its own sources within the premises in respect of noise to less than 75 dB(A) during day time and 70 dB(A) during the night time. Day time is reckoned between 6 a.m. to 10 p.m and night time is reckoned between 10 p.m to 6 a.m.
- d. 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.
- e. Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- f. A proper routine and preventive maintenance procedure for DG set should be set and followed in consultation with the DG manufacturer which would help to prevent noise levels of DG set from deteriorating with use
- g. D.G. Set shall be operated only in case of power failure
- h. The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set

Standards for Emissions of Air Pollutants:

(i)	SPM/TPM	Not to exceed	100	mg/Nm ³
(ii)	So ₂	Not to exceed	01	Kg/day.

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

S.No.	Fuel Type	UOM	Qty.
1	HSD	Ltr/M	1500

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

S.No.	Stack Attached	Height	Remarks
1	Paint Shop Booth Exhaust (Clear Coat)	1	above roof
2	Paint Polishing area stack	2	above roof
3	DG Set (500 KVA)	4.5	above roof
4	DG Set (500 KVA)	4.5	above roof
5	Canteen Exhaust	1.0	above roof
6	Paint Shop Exhaust (Primer coat & base coat)	1.8	above roof
7	Paint Flash off zone stack 1	0.75	above roof
8	Paint Flash off zone stack 2	0.5	above roof
9	Paint shop area ventilation stack no 1	0.5	above roof
10	Paint shop area ventilation stack no 2	0.5	above roof

(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.
- 3) The D.G. Set shall be utilized as a standby power source and shall be operate only in case of power failure

7. CONDITIONS UNDER HAZARDOUS WASTE (MANAGEMENT,

HANDLING & TRANSBOUNDRY MOVEMENT) RULES, 2008:

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

S.No.	Type of Waste	Quantity	UOM	Disposal
1	5.1 Used /spent oil	18	Ltrs/M	To authorised reprocessor
2	5.2 Wastes/residue containing oil	73	Kg/M	CHWTSDF Ranjangaon
3	9.2 Lead ash/particulate from flue gas	10	Kg/M	CHWTSDF Ranjangaon
4	21.1 Wastes and residues	574	Kg/M	CHWTSDF Ranjangaon
5	33.3 Discarded containers / barrels / liners	1500	Nos/M	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 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 **Rule 5 of the Hazardous Wastes (Management, Handling & Transboundry Movement) Rules 2008** and shown & submitted to the Board as & when asked for.

8. 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 consent to operate before 60 days & shall not start commercial production till valid consent to operate obtained from Board.
 - 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 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 issued with approval of Consent Committee meeting of the Board held on dated 27.11.2013.**
- 10. In case of total construction is exceeding 20,000 sq. mt. built up area, and then no effective steps shall be taken till Environmental Clearance is obtained.**
- 11. This is issued as per the empowerment granted vide office note dated 11/11/2013.**
- 12. The Capital investment of the industry is Rs.62..80 Crs (Existing 42.80 Crs + Proposed Rs.20 Crs)**

For and on behalf of the
Maharashtra Pollution Control Board



(V. M. Motghare)
Joint Director (Air Pollution Control)

To, M/s. Minda Valeo Security System Pvt. Ltd.,
Plot No.-B-21, MIDC Chakan,
Tal-Khed, Dist-Pune.

Copy to:

- 1) Regional Officer/Sub-Regional Officer-Pune-II, MPCB, Pune-they are directed submit the present status report within 1 month.
- 3) Chief Accounts Officer, MPCB, Mumbai

Received Consent fee of :

Sr. No.	Amount(Rs.)	DD. No.	Date	Drawn On
1	50100/-	514766	08/07/2013	HSBC Bank