MAHARASHTRA POLLUTION CONTROL BOARD

MAHARASHTRA

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

Mumbai - 400 022

Consent No: Format 1.0/ BO/CAC-Cell/EIC No:- PN-2567-15/CAC- 7796

Date- 14/06/2016

To,

Mahindra Vehicle Manufacturers Ltd.,

Plot No.A-1, Chakan Industrial Area, Phase IV, Tal.-Khed, Dist. Pune

Subject: Consent to Establish for Expansion under RED category.

Ref : 1. Earlier Consent granted vide no. Format/0/BO/CAC-Cell/EIC NO.PN 22895-14/CAC/CAC-4548 dated 21.04.15.

2. Minutes of CC/CAC meeting held on 27.04.2016

Your application: CE1507000030

Dated: 22.05.2015

For: Consent to Establish for Expansion.

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 under Rule 5 of the Hazardous Wastes (M, H & T M) Rules 2008 is considered and the consent is hereby granted subject to the following terms and conditions and as detailed in the schedule I, II, III & IV annexed to this order:

- The consent is granted for a period of commissioning of the unit or 05 years whichever is earlier.
- 2. The proposed capital investment of the industry is 4031/- Crs. The CI of the existing unit is Rs. 4158.34/- Crs. The Total CI of the industry is Rs. 8189.34/- (As per Undertaking submitted by industry)

3. The Consent is valid for the manufacture of -

| Sr. Product / By-Product | Maximum Quantity in MT/A |
|--|--------------------------|
| No. Name Automobile industrial heavy & medium commercial vehicles, component aggregates like transmission, axle engine etc. Construction equipments and two wheelers | 400000 Nos/Y |

4. Conditions under Water (P&CP), 1974 Act for discharge of effluent:

| Sr. | Description | Permitted quantity of discharge (CMD) | Standards to be achieved | Disposal |
|-----|----------------------|--|-----------------------------|--|
| 1. | Trade effluent | 1460 | As per Schedule –I | Recycle & remaining On land gardening |
| 2. | Domestic effluent | 376 | As per Schedule -I | On land gardening |

180m

5. Conditions under Air (P& CP) Act, 1981 for air emissions:

| Sr. | Description of stack / | Number of Stack | Standards to be achieved |
|-----|------------------------|-----------------|--------------------------|
| 1 | Process stacks | 56 | As per Schedule -II |
| 2 | Process vents | 17 | As per Schedule -II |
| 3 | DG sets | 6 | As per Schedule -II |

6. Conditions about Non Hazardous Wastes:

| | is about Non Hazard | | | |
|------|----------------------|----------------|-----------|----------------------|
| Sr. | Type Of Waste | Quantity & UoM | Treatment | Disposal |
| 1 | Scrap,Packing | 13510 TPA | | Sale to Recycler |
| | Waste, | | | |
| | Paper, Plastic, | | | - |
| - | Wood, Thermacol, | | | 10. |
| | Cardboard rubber | | | 40 |
| 2 | Scrap ,CI,MS,Al | 2296 TPA | | Sale to Recycler |
| 4 | Chips, Burrs, | | | 00, |
| | Turnings, Borings | | | 10 |
| 3 | Sheet Metal Scrap | 25452 TPA | | Sale to Recycler |
| 0 | Sheet Metal Serap | 20.02 | 1. | 0. |
| | | | 7 | |
| 4 | Deface Metal Body | 874 TPA | -11 | Sale to Recycler |
| | Scrap | | (0) | |
| | D. C. OI C. ations | 595 TPA | U | Sale to Recycler |
| 5 | Deface CI Castings | 595 IPA | 0 | Sale to Recycles |
| | | | 01. | THE WEST OF THE REST |
| 6 | Deface Al Casting | 110 TPA | 0 | Sale to Recycler |
| 0 | Delace III dasting | 1111 | | |
| | | 110 | | Calata Dagualan |
| 7 | Empty | 60000 | | Sale to Recycler |
| | Containers, Jerry | Nos/Yr | | |
| | cans,Barrels,Bottles | 7 | | |
| | drums, Carbouys | 0 | | |
| 8 | Scrap Tyres | 5818 | | Sale to Recycler |
| | 6/1 | Nos/Year | | |
| 1 17 | | 20 00 4 | | Sale to Recycler |
| 9 | Shot Blast Dust | 20 TPA | | Sale to Recycles |
| | 1001 | | | |
| 10 | Food Waste | 1025 Kg/Day | | Used for |
| 10 | Took wase | 2020 1-8/ 5-4/ | | Composting/Piggery |
| 6 | 111 | | | |

7. Conditions under Hazardous Waste (MH & TM) Rules, 2008 for treatment and disposal of hazardous waste:

| AND PERSONAL PROPERTY. | Type Of Waste | Category | Quantity | UOM | Treatment | Disposal |
|------------------------|------------------------------|----------|----------|-------|-----------|--------------------------------------|
| 1 | Spent Oil | 5.1 | 100 | Kl/yr | | Sold to authorized reprocessor |
| 2 | Waste Residue containing oil | 5.2 | 580 | TPA | - | CHWTSDF |
| 3 | Grinding waste | 5.2 | 30 TPA | TPA | - | CHWTSDF |

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| Phosphating 12.5 560 TPA - CHWISDF | | | | | | | OLUMPIODE 1 |
|--|----|--------------------|------|---------|-------|--------|-------------|
| 5 Waste Wax 20.1 30 TPA TPA - CHWTSDF 6 Spent solvents 20.2 555 KI/yr - CHWTSDF 7 Waste & Residue of Paints TPA - CHWTSDF 8 Grating Waste 21.1 570 TPA - CHWTSDF 8 Grating Waste 21.1 60 TPA TPA - CHWTSDF 10 Electronic Waste 31.1 40TPA TPA - CHWTSDF 11 Discarded Containers/Barrel s 12 Toxic Metals containing residue from ion exchange material in water purification 13 Chemical sludge from waste Water treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries B4 6000 Nos/Ye r Sold to authorized recycler Sold to authorized recycler authorized recycler authorized recycler authorized recycler authorized recycler authorized recycler Sold to authorized recycler authorized recycler Sold to authorized recycler authorized recycler authorized recycler authorized recycler authorized recycler Sold to authorized recycler Sold to authorized recycler Sold to authorized recycler recycler Sold to authorized recycler recycler authorized recycler recycler recycler Sold to authorized recycler recycler recycler recycler recycler sold to authorized recycler r | 4 | Phosphating | 12.5 | 560 | TPA | | CHWTSDF |
| 6 Spent solvents 20.2 555 Kl/yr Kl/Year 7 Waste & Residue of Paints 8 Grating Waste 21.1 570 TPA - CHWTSDF 8 Grating Waste 21.1 60 TPA TPA - CHWTSDF 10 Electronic Waste 31.1 40TPA TPA - Sold to authorized recycler service from ion exchange material in water purification 13 Chemical sludge from waste Water treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries 8 Grating Waste 21.1 60 TPA TPA - CHWTSDF 10 Electronic Waste 31.1 40TPA TPA - Sold to authorized recycler containing residue from ion exchange material in water purification 13 Chemical sludge from waste Water treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries 16 Carbon Dust - 30 TPA - CHWTSDF 17 Scrap Brass - 2 TPA - Sold to authorized recycler recycler sold to authorized recycler sold to authorized recycler recycler sold to authorized recycler recycler recycler recycler sold to authorized recycler recycler recycler recycler sold to authorized recycler re | | Sludge | | TPA | | | |
| Waste & Residue of Paints | 5 | Waste Wax | 20.1 | 30 TPA | TPA | - | CHWTSDF |
| 7 Waste & Residue of Paints 8 Grating Waste 21.1 570 TPA - CHWTSDF 8 Grating Waste 21.1 60 TPA TPA - CHWTSDF 10 Electronic Waste 31.1 40TPA TPA - CHWTSDF 11 Discarded 33.3 4,70,00 Nos/Ye Containers/Barrel S 12 Toxic Metals containing residue from ion exchange material in water purification 13 Chemical sludge from waste Water treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries B4 6000 Nos/Ye ChWTSDF 16 Carbon Dust - 30 TPA - CHWTSDF 17 Scrap Brass - 2 TPA - Sold to authorized recycler ceycler chwTSDF 18 Foam Waste - 10 TPA - CHWTSDF | 6 | Spent solvents | 20.2 | 555 | Kl/yr | - | CHWTSDF |
| of Paints TPA Scrap Brass TPA TPA TPA TPA TPA TPA TPA T | | | | Kl/Year | | | |
| 8 Grating Waste Sand 9 Sealer Waste 10 Electronic Waste 11 Discarded Containers/Barrel S Containing residue from ion exchange material in water purification 13 Chemical sludge from waste Water treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries 16 Carbon Dust 17 Scrap Brass 18 Foam Waste 23.1 40TPA TPA TPA - CHWTSDF CHWTSDF TPA - CHWTSDF CHWTSDF CHWTSDF CHWTSDF TPA - Sold to authorized recycler CHWTSDF CHWTSDF CHWTSDF Sold to authorized recycler CHWTSDF TPA - Sold to authorized recycler CHWTSDF Sold to authorized recycler TPA - Sold to authorized recycler CHWTSDF | 7 | Waste & Residue | 21.1 | 570 | TPA | | CHWTSDF |
| Sand Sand Sealer Waste Sand Sealer Waste CHWTSDF Sealer Waste Sealer Waste CHWTSDF Sealer Waste Sealer Waste CHWTSDF Sealer Waste CHWTSDF Sealer Waste CHWTSDF Sealer Waste Sealer Waste CHWTSDF Sealer Waste CHWTSDF Sealer Waste CHWTSDF Sealer Waste Sealer Waste CHWTSDF Sealer Waste Sealer Waste CHWTSDF Sealer Waste CHWTSDF Sealer Waste CHWTSDF Sealer Waste CHWTSDF | | of Paints | | TPA | | | |
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| Sealer Waste State | 1 | Sand | | | | | 7 |
| 11 Discarded 33.3 4,70,00 Nos/Yo - CHWTSDF Scrap Brass - 2 TPA - Sold to authorized recycler on the form Waste Base on the form waste CHWTSDF on the form th | 9 | Sealer Waste | 23.1 | 40TPA | TPA | - | CHWTSDF |
| 11 Discarded Containers/Barrel S 12 Toxic Metals containing residue from ion exchange material in water purification 13 Chemical sludge from waste Water treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries B4 6000 B4 6000 B5 Nos/Ye TPA CHWTSDF CHWTSDF CHWTSDF Sold to authorized recycler CHWTSDF Sold to authorized recycler CHWTSDF TPA Sold to authorized recycler CHWTSDF TPA CHWTSDF Sold to authorized recycler CHWTSDF TPA CHWTSDF TPA CHWTSDF | 10 | Electronic Waste | 31.1 | 40TPA | TPA | . 0 | |
| Containers/Barrel s 12 Toxic Metals containing residue from ion exchange material in water purification 13 Chemical sludge from waste Water treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries 16 Carbon Dust 17 Scrap Brass 18 Foam Waste 19 January 10 July 10 J | | | | | | 14 | recycler |
| Containers/Barrel s 12 Toxic Metals | 11 | Discarded | 33.3 | 4,70,00 | | 10. | CHWTSDF |
| Toxic Metals containing residue from ion exchange material in water purification 13 Chemical sludge from waste Water treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries B4 6000 B4 6000 B5 Foam Waste B7 TPA CHWTSDF | | Containers/Barrel | | 0 | r | XIO | |
| containing residue from ion exchange material in water purification 13 Chemical sludge from waste Water treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries B4 6000 Nos/Ye r Sold to authorized recycler 16 Carbon Dust 17 Scrap Brass 18 Foam Waste 19 TPA 10 TPA 10 TPA 11 CHWTSDF | | S | | | ~ (| 1110 | |
| from ion exchange material in water purification 13 Chemical sludge from waste Water treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries 16 Carbon Dust 17 Scrap Brass 18 Foam Waste LIT/4 year year JEA JEA CHWTSDF CHWTSDF CHWTSDF CHWTSDF A CHWTSDF CHWTSDF CHWTSDF CHWTSDF | 12 | Toxic Metals | 34.2 | 400,000 | | | CHWTSDF |
| material in water purification 13 Chemical sludge from waste Water treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries B4 6000 Nos/Ye r Sold to authorized recycler recycler 16 Carbon Dust - 30 TPA - Sold to authorized recycler 17 Scrap Brass - 2 TPA - Sold to authorized recycler CHWTSDF | | containing residue | | Lit/4 | year | | |
| purification 13 Chemical sludge from waste Water treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries 16 Carbon Dust 17 Scrap Brass 18 Foam Waste 19 January 10 Ja | | from ion exchange | | year | 2. | | |
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| from waste Water treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries 16 Carbon Dust 17 Scrap Brass 18 Foam Waste 19 Sold to authorized recycler 10 TPA 11 Sold to authorized recycler 11 Scrap Brass 12 TPA 13 Sold to authorized recycler 14 Sold to authorized recycler 15 Sold to authorized recycler 16 Carbon Dust 17 Scrap Brass 18 Foam Waste 19 Sold to authorized recycler 10 TPA 10 TPA 10 CHWTSDE | | purification | 0 | 21, | | | |
| treatment plant 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries 16 Carbon Dust 17 Scrap Brass 18 Foam Waste 18 Foam Waste 19 Sold to authorized recycler 19 TPA 10 TPA 10 TPA 10 TPA 11 Sold to authorized recycler 11 Scrap Brass 12 TPA 13 Sold to authorized recycler 14 CHWTSDF | 13 | Chemical sludge | 34.3 | 360 | TPA | | CHWTSDF |
| 14 Non ferrous Scrap (Copper Cables) 15 Used Batteries B4 6000 Nos/Ye - Sold to authorized recycler 16 Carbon Dust - 30 TPA - CHWTSDF 17 Scrap Brass - 2 TPA - CHWTSDF 18 Foam Waste - 10 TPA - CHWTSDF | | from waste Water | 10 | | | | |
| 14 Non ferrous scrap 100 11 A authorized recycler 15 Used Batteries B4 6000 Nos/Ye - Sold to authorized recycler 16 Carbon Dust - 30 TPA - CHWTSDF 17 Scrap Brass - 2 TPA - Sold to authorized recycler 18 Foam Waste - 10 TPA - CHWTSDF 19 TPA - CHWTSDF 100 TPA - CHWTSDF 100 TPA - CHWTSDF 100 TPA TPA CHWTSDF 100 TPA TPA TPA 100 TPA TPA TPA 100 TPA 100 TPA TPA 100 TPA TPA 100 TPA 100 TPA TPA 100 TPA 10 | | treatment plant | 10, | | | | |
| (Copper Cables) 15 Used Batteries B4 6000 Nos/Ye - Sold to authorized recycler 16 Carbon Dust - 30 TPA - CHWTSDF 17 Scrap Brass - 2 TPA - Sold to authorized recycler 18 Foam Waste - 10 TPA - CHWTSDF | 14 | Non ferrous Scrap | B3 | 160 | TPA | | |
| 16 Carbon Dust - 30 TPA - CHWTSDF 17 Scrap Brass - 2 TPA - Sold to authorized recycler recycler CHWTSDF 18 Foam Waste - 10 TPA - CHWTSDF | | (Copper Cables) | | | | | |
| TPA - CHWTSDF 16 Carbon Dust - 30 TPA - CHWTSDF 17 Scrap Brass - 2 TPA - Sold to authorized recycler recycler 18 Foam Waste - 10 TPA - CHWTSDF | 15 | Used Batteries | B4 | 6000 | | - | |
| 17 Scrap Brass - 2 TPA - Sold to authorized recycler 18 Foam Waste - 10 TPA - CHWTSDE | | Mo | | | | | recycler |
| 17 Scrap Brass 2 11A authorized recycler 18 Foam Waste - 10 TPA - CHWTSDE | 16 | Carbon Dust | | 30 | | | |
| 18 Foam Waste - 10 TPA - CHWTSDF | 17 | Scrap Brass | | 2 | TPA | | authorized |
| 18 Foam Waste 10 TrA | | | | | mn. | | |
| 19 Glass wool - 10 TPA - CHWTSDF | 18 | Foam Waste | | | | | |
| | 19 | Glass wool | - | 10 | TPA | Int in | CHWISDF |

8. The Board reserves the right to review, amend, suspend, revoke etc. this consent and the same shall be binding on the industry.

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9. This consent should not be construed as exemption from obtaining necessary NOC/permission from any other Government authorities.

> For and on behalf of the Maharashtra Pollution Control Board

> > (Dr. P Anbalagan, IAS) Member Secretary

Received Consent fee of-

| | eived Consent fee | DD. No. | Date | Drawn On |
|-----|-------------------|---------|------------|----------------|
| Sr. | Amount(Rs.) | DD. No. | Date | |
| No. | 20.00.0000/ | 140011 | 07.05.2015 | HDFC Bank |
| 1 | 80,62,00000/- | 140911 | | Bank of India |
| 2 | 100/- | 024300 | 22.05.2015 | Dank of fildia |

Copy to:

- 1. Regional Officer Pune and Sub-Regional Officer-Pune-II, MPCB, Pune. They are directed to ensure the compliance of the consent conditions.
- 2. Chief Accounts Officer, MPCB, Mumbai.
- 3. CC/CAC desk- for record & website updation purposes.

Schedule-I

Terms & conditions for compliance of Water Pollution Control:

 A] As per your application, you have proposed to provide the Effluent Treatment Plant (ETP) with the design capacity of 2000 CMD.

B] The Applicant shall operate the effluent treatment plant (ETP) to treat the trade effluent so as to achieve the following standards prescribed by the Board or under EP Act. 1986 and Rules made there under from time to time, whichever is stringent.

| Sr No. | Parameters | Standards prescribed by Board (If any) |
|--------|--------------------------|---|
| | I. Compulsory Parameters | Limiting Concentration in mg/l, except for pH |
| 01 | рН | 5.5-9.0 |
| 02 | Oil & Grease | 10 |
| 03 | BOD (3 days 27oC) | 30 |
| 04 | Total Dissolved Solids | 2100 |
| 05 | Suspended Solids | 100 |
| 06 | COD | 250 |
| 07 | Chloride | 600 |
| 08 | Sulphate | 1000 |
| 09 | Phosphates | 5 |

- C) The treated effluent shall be recycled for industrial purpose to the maximum extent & remaining shall be used on land for gardening. There shall not be any discharge outside factory premises.
- A.] As per your consent application, you have proposed to install the combined sewage treatment system with the design capacity of 2000 CMD.
 - B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards/ prescribed under EP Act, 1986 and Rules made there under from time to time, whichever is stringent.

| | om time to time, wine | | FO | ma/1 |
|-----|-----------------------|---------------|-----|-------|
| (1) | Suspended Solids. | Not to exceed | 50 | mg/l. |
| (2) | BOD 3 days 27oC. | Not to exceed | 30 | mg/l. |
| (3) | COD. | Not to exceed | 100 | mg/l. |

- C] The treated sewage shall be disposed on land for gardening.
- D] In case the treatment system is combined for trade effluent and sewage then the standards and disposal path prescribed at sr. no.1 B & C of schedule I shall be applicable.
- 3) The Board reserves its rights to review plans, specifications or other data relating to plant setup for the treatment of waterworks for the purification thereof & the system for the disposal of sewage or trade effluent or in connection with the grant of any consent conditions. The Applicant shall obtain prior consent of the Board to take steps to establish the unit or establish any treatment and disposal system or and extension or addition thereto.
- 4) The industry shall ensure replacement of pollution control system or its parts after expiry of its expected life as defined by manufacturer so as to ensure the compliance of standards and safety of the operation thereof.

5) The Applicant shall comply with the provisions of the Water (Prevention & Control of Pollution) Cess Act, 1977 and as amended, by installing water meters, filing water cess returns in Form-I and other provisions as contained in the said act.

| Sr. no. | Purpose for water consumed | Water consumption quantity (CMD) |
|---------|--|----------------------------------|
| 1. | Industrial Cooling, spraying in mine pits or boiler feed | 550 |
| 2. | Domestic purpose | 470 |
| 3. | Processing whereby water gets polluted & pollutants are easily biodegradable | 2155 |
| 4. | Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic | |

6) The Applicant shall provide Specific Water Pollution control system as per the conditions of EP Act,1986 and rule made there under from time to time/ Environmental Clearance / CREP guidelines.

Schedule-II

Terms & conditions for compliance of Air Pollution Control:

1. As per your application, you have proposed to install the Air pollution control (APC)system and also proposed to erect following stack (s) and to observe the following fuel pattern-

| Sr. No. | Stack Attached To | APC System | Heigh t in Mtrs. | Type of Fuel | Quant ity & UoM | S % | SO ₂ Kg/Day |
|------------|--|-----------------|----------------------------------|--------------------|-----------------------|------|---------------------------|
| 1 | Paint shop 1- ED oven exhaust line 1 | TAR provided | 5 m above roof top | LPG / PNG | 89 kg/hr | 0.01 | 171.5 |
| 2 | Paint shop 1- ED oven exhaust line 2 | TAR provided | 5 m above roof top | LPG / PNG | 89 kg/hr | 0.01 | 171.5 |
| 3 | Paint shop 1- Sealer oven exhaust | N.A. | 5 m above roof top | LPG / PNG | 90 kg/hr | 0.02 | 86 |
| 4 | Hot water generator at paint shop 1 | N.A. | 24 m above ground level | LPG | 584 kg/hr | 0.02 | 560 |
| 5 | Paint shop 1- primer oven exhaust line 1 | TAR provided | 5 m above roof top | LPG / PNG | 58.5kg/ hr | 0.01 | 112.5 |
| 6 | Paint shop 1- primer oven exhaust line 2 | TAR provided | 5 m above roof top | LPG / PNG | 58.5kg/ hr | 0.01 | 112.5 |
| 7 | Paint shop 1- top coat oven exhaust | TAR provided | 5 m above roof top | LPG / PNG | 73 kg/hr | 0.02 | 70 |
| 8 | Paint shop 1- Grating cleaning exhaust | N.A. | 30 m above ground level | LPG | 19 kg/hr | 0.02 | 18 |
| 9 | Paint shop 2- ED oven exhaust | N.A. | 6 m above roof top | LPG | 51 kg/hr | 0.02 | 49 |
| 10 | Paint shop 2 - Sealer oven exhaust | N.A. | 6 m above roof top | LPG | 40 kg/ hr | 0.02 | 38 |
| 11 | paint shop 2- Top coat oven exhaust | N.A. | 6 m above roof top | LPG | 67 kg/hr | 0.02 | 64 |
| 12 | Paint shop 1- Predegreasing exhaust | N.A. | 7 m above roof top | N.A. | N.A. | | |
| 13 | Paint shop 1- Phosphate exhaust | N.A. | 7 m above roof top | N.A. | N.A. | | |
| 14 | Paint shop 1- Rinse exhaust | N.A. | 7 m above | N.A. | N.A. | | |

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| | | | roof top | | | |
|----|--|------|----------------------------------|------|------|----------|
| 5 | Paint shop 1- ED main tank exhaust & ED exit exhaust | N.A. | 7 m above roof top | N.A. | N.A. | •••• |
| 6 | Paint shop 1- ED | N.A. | 5 m above roof top | N.A. | N.A. | |
| | Paint shop 1- ED | N.A. | 5 m | N.A. | N.A. | |
| 18 | Distahan 1 HCD | N.A. | 4.5 m | N.A. | N.A. | |
| 19 | Paint shop 1- Flash edge primer exhaust | N.A. | 5 m above roof top | N.A. | N.A. | |
| 20 | Paint shop 1- Sealer oven cooling zone exhaust | N.A. | 5 m above roof top | N.A. | N.A. | |
| 21 | Paint shop 1- Primer booth & top coat booth CC exhaust | N.A. | 30 m above ground level | N.A. | N.A. | |
| 22 | Paint shop 1- Top coat BC 1 & BC 2 exhaust | N.A. | 30 m above ground level | N.A. | N.A. | |
| 23 | Paint shop 1- Online touch / RPP booth exhaust | N.A. | 5 m above roof top | N.A. | N.A. | |
| 24 | Paint shop 1- Spot repair booth exhaust | N.A. | 30 m above ground level | N.A. | N.A. | |
| 25 | Paint shop 1- Dextirity exhaust | N.A. | 3 m above roof top | N.A. | N.A. | |
| 26 | Paint shop 1- Paint mix room exhaust | N.A. | 1 m above roof top | N.A. | N.A. | |
| 27 | Paint shop 1- Top coat oven cooling zone Exhasut | N.A. | 5 m above roof top | N.A. | N.A. | |
| 28 | Paint shop 1- Black tape zone exhaust | N.A. | 5 m above roof top | N.A. | N.A. | |
| 29 | Paint shop 1- Primer oven cooling zone 1 | N.A. | 5 m above roof top | N.A. | N.A. | |
| 30 | Paint shop 1- Primer oven cooling zone 2 | N.A. | 5 m above roof top | N.A. | N.A. | |
| 31 | Paint shop 2- Knock of degrease exhaust | N.A. | 5.8 above roof top | N.A. | N.A. | |

| 32 | paint shop 2- Phosphate exhaust | N.A. | 5.8 above roof top | N.A. | N.A. | |
|----|--|------|----------------------------------|------|------|----------|
| 33 | Paint shop 2- Rinse exhaust | N.A. | 5.8 above roof top | N.A. | N.A. | |
| 34 | Paint shop 2- ED main tank exhaust & ED exit exhaust | N.A. | 5.8 above roof top | N.A. | N.A. | |
| 35 | Paint shop 2- ED oven cooling zone exhaust | N.A. | 5 m above roof top | N.A. | N.A. | |
| 36 | Paint shop 2- Ex. Air cleaning / flash off | N.A. | 5 m above roof top | N.A. | N.A. | •••• |
| 37 | Paint shop 2- Sealer oven cooling zone exhaust | N.A. | 3 m above roof top | N.A. | N.A. | |
| 38 | paint shop 2- Top coat oven cooling zone exhaust | N.A. | 3 m above roof top | N.A. | N.A. | |
| 39 | Paint shop 2- Paint mix room exhaust | N.A. | 1 m above roof top | N.A. | N.A. | |
| 40 | Paint shop 2- Top coat booth & tag- rag exhaust | N.A. | 17 m above roof top | N.A. | N.A. | |
| 41 | Paint shop 2- major rework, spot repair & final inspection | N.A. | 5.6 m above roof top | N.A. | N.A. | |
| 42 | Vehicle Exhaust System V1 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 43 | Vehicle Exhaust System V2 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 44 | Paint booth touch up area V3 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 45 | Vehicle Exhaust System V4 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 46 | Vehicle Exhaust System V5 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 47 | Paint booth touch up area V6 | N.A. | 1 m each above roof top | HSD | N.A. | |

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| 48 | Vehicle Exhaust System V7 | N.A. | 1 m each above roof top | HSD | N.A. | |
|----|----------------------------------|------|----------------------------------|------|------|------|
| 49 | Vehicle Exhaust System V8 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 50 | Vehicle Exhaust System V9 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 51 | Vehicle Exhaust System V10 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 52 | Paint booth touch up area V11 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 53 | Paint booth touch up area V12 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 54 | Vehicle Exhaust System V13 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 55 | Vehicle Exhaust System V14 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 56 | Ventilation System V15 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 57 | Paint booth touch up area V16 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 58 | Paint booth touch up area V17 | N.A. | 1 m each above roof top | HSD | N.A. | |
| 59 | Transaxle shop | N.A. | 5 m above RT | N.A. | N.A. | |

1 July

| 60 | Paint Shop stacks [CES 2] | Exhaust air is filtered through glass-wool filters | 15 m above ground level | N.A. | N.A. | | |
|----|--|---|------------------------------------|---------------------------------|------------------|---|------|
| 61 | Paint Shop stacks [CES 3] | Exhaust air is filtered through glass- wool filters | 15 m above ground level | N.A. | N.A. | | |
| 62 | Hot water generator at central kitchen in supplier park | system presetted at a condition to minimise emission | 31 m (above ground level) | LPG / HSD (alter nate) | 13 / 14 kg/hr | | 13/3 |
| 63 | Engine testing area | N.A. | 1 m above roof top | HSD | N.A. | | |
| 64 | Waxing Booth (36000 CMH) | | 16 m above roof top | N.A. | N.A. |) | |
| 65 | Waxing Booth (36000 CMH) | N.A. | 16 m above roof top | N.A. | N.A. | | |
| 66 | Waxing Booth (36000 CMH) | N.A. | 16 m above roof top | N.A. | N.A. | | |
| 67 | Waxing Booth (36000 CMH) | N.A. | 16 m above roof top | N.A. | N.A. | | |
| 68 | Wax cooling exhaust (2359 m3/hr) | N.A. | 2 m above roof top | N.A. | N.A. | | |
| 69 | Wax oven exhaust (2359 m3/hr) | N.A. | 5 m above roof top | N.A. | N.A. | | |
| 70 | E coat oven 2 exhaust of cooling zone | N.A. | 30 m above ground level | N.A. | N.A. | | |
| 71 | E coat oven 1 exhaust of cooling zone | N.A. | 30 m above ground level | N.A. | N.A. | | |
| 72 | E coat oven 2 supply of cooling zone | N.A. | 30 m above ground level | N.A. | N.A. | | |
| 73 | E coat oven 1 | N.A. | 30 m | N.A. | N.A. | | |

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| | supply of cooling zone | | above ground level | | | | |
|----|--------------------------------|------------------------------|-------------------------------------|-------------|----------------|--------------------|------|
| 74 | Boiler for MEE (1000 kg/hr) | | 30 m above ground cover | HSD / NG | 61.7 kg/hr | | |
| 75 | D G Sets 1125 KVA | Acoustic enclosur e provided | 32 mabov e ground level | HSD | 101.5 kg/hr | 0.00 25 | 48.5 |
| 76 | D G Sets 1125 KVA | | 32 mabov e ground level | HSD | 101.5 kg/hr | 0.00 | 48.5 |
| 77 | D G Sets 1450 KVA | | 32 mabov e ground level | HSD | 124 kg/hr | 0.00 | 59.5 |
| 78 | D G Sets 1450 KVA | | 32 mabov e ground level | HSD | 124 kg/hr | 0.00 | 59.5 |
| 79 | D G Sets 2000 KVA | | 32 mabov e ground level | HSD | 177.5 kg/hr | 0.02/ 0.00 5 | 85 |
| 80 | D G Sets 2000 KVA | | 32 m above ground level | HSD | 177.5 kg/hr | 0.02 | 85 |

- 2. The Applicant shall provide Specific Air Pollution control equipments as per the conditions of EP Act, 1986 and rule made there under from time to time / Environmental Clearance / CREP guidelines. (Concern section shall mention specific control equipments)
- 3. The applicant shall operate and maintain above mentioned air pollution control system, so as to achieve the level of pollutants to the following standards:

Particulate Not to exceed 150 mg/Nm³.
matter

- 4. The Applicant shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or replacement/alteration well before its life come to an end or erection of new pollution control equipment.
- The Board reserves its rights to vary all or any of the condition in the consent, if due to any technological improvement or otherwise such variation (including the change of any control equipment, other in whole or in part is necessary).

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Schedule-III Details of Bank Guarantees

| Sr. No. | Consent (C to E/O/R) | Submission Period | Purpose of BG | Complian ce Period | Validity Date |
|------------|-------------------------|----------------------|---------------|--------------------|------------------|
| 1 | Nil | | | | TO VIEW |

Waltarashtra Pollition Control Board

Schedule-IV

- The applicant shall provide facility for collection of environmental samples and samples of trade and sewage effluents, air emissions and hazardous waste to the Board staff at 1) the terminal or designated points and shall pay to the Board for the services rendered in
- If the MIDC pipeline is broken/ overflowing chamber, in such cases industry shall not discharge their treated effluent into MIDC drain, it shall be sent to CETP by tanker. 2)
- Industry should monitor effluent quality, stack emissions and ambient air quality 3)
- 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 4) 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.
- 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 5) 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
- The applicant shall provide an alternate electric power source sufficient to operate all pollution control facilities installed to maintain compliance with the terms and conditions 6) of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
- 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 7) prescribed Form-V as per the provisions of rule 14 of the Environment (Protection) (Second Amendment) Rules, 1992.
- The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision 8) Rules HW(MH&TM) recycled/processed/reused/recovered and only waste which has to be incinerated shall go to incineration and waste which can be used for land filling and cannot be recycled/reprocessed etc should go for that purpose, in order to reduce load on incineration and landfill site/environment.
- The industry should comply with the Hazardous Waste (M,H & TM) Rules, 2008 and submit the Annual Returns as per Rule 5(6) & 22(2) of Hazarsous Waste (M,H & TM) 9) Rules, 2008 for the preceding year April to March in Form-IV by 30th June of every year.
- An inspection book shall be opened and made available to the Board's officers during 10)
- The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/ Activity. 11)
- Industry shall strictly comply with the Water (P&CP) Act, 1974, Air (P&CP) Act, 1981 and Environmental Protection Act,1986 and industry specific standard under EP Rules 12) 1986 which are available on MPCB website(www.mpcb.gov.in).
- The industry shall constitute an Environmental cell with qualified staff/personnel/agency to see the day to day compliance of consent condition towards Environment Protection. 13)
- Separate drainage system shall be provided for collection of trade and sewage effluents. Terminal manholes shall be provided at the end of the collection system with 14) arrangement for measuring the flow. No effluent shall be admitted in the pipes/sewers downstream of the terminal manholes. No effluent shall find its way other than in designed and provided collection system.
- Neither storm water nor discharge from other premises shall be allowed to mix with the 15) effluents from the factory.

- 16) The applicant shall install a separate 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.
- 17) 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.
- 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) Industry should make efforts to bring down noise level due to DG set, outside industrial premises, within ambient noise requirements by proper sitting and control measures.
- d) Installation of DG Set must be strictly in compliance with recommendations of DG Set manufacturer.
- e) 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
- f) D.G. Set shall be operated only in case of power failure.
- g) The applicant should not cause any nuisance in the surrounding area due to operation of D.G. Set.
- h) The applicant shall comply with the notification of MoEF dated 17.05.2002 regarding noise limit for generator sets run with diesel
- 18) The industry should not cause any nuisance in surrounding area.
- 19) 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.
- 20) The applicant shall maintain good housekeeping.
- 21) The applicant shall bring minimum 33% of the available open land under green coverage/plantation. The applicant shall submit a statement on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end, with the Environment Statement.
- 22) 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 of solid waste.
- 23) The applicant shall not change or alter the 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. The industry will not carry out any activity, for which this consent has not been granted/without prior consent of the Board.
- 24) The industry shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the factory premises.
- 25) The industry shall submit quarterly statement in respect of industries' obligation towards consent and pollution control compliance's duly supported with documentary evidences (format can be downloaded from MPCB official site).
- 26) The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
- 27) The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification dt. 16.11.2009 as amended.

3.11.2009 as amended.