

MAHARASHTRA POLLUTION CONTROL BOARD

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RED/L.S.I (R22)
No:- Format1.0/CAC/UAN
No.0000152901/CR/2303000477

Date: 06/03/2023

To,
M/s. Henkel Adhesives Technologies India Pvt. Ltd
Plot No. - D-4/1 & D-4/2,,MIDC Kurkumbh
Tal- Duand, Dist-Pune



Your Service is Our Duty

Sub: Grant of 1st Consent to Operate (Expansion) with renewal of existing Consent to Operate under Red/LSI

- Ref:**
1. Consent to Operate granted vide No. Format 1.0/BO/CAC-Cell/UAN No. 0000076702/A/CAC-1911000077 dated 02/11/2019
 2. Amendment in Consent to Operate granted vide No. MPCB/UAN No. 0000076702/CAC-Cell/Amend-2203000035-A dated 24/3/2022
 3. Consent to Establish granted vide No. Format 1.0/CAC/UAN No. 0000087841/CE-2009000224 dated 04/9/2020
 4. Amendment in Consent to Establish granted vide No. MPCB/UAN No. 0000005738/CAC-Cell/Amend-2203000035 dated 24/3/2022
 5. Environmental Clearance accorded vide No. EC22B021MH157606 dated 10/2/2022
 6. Minutes of Consent Appraisal Committee meeting held on 09/2/2023

Your application No.MPCB-CONSENT-0000152901 Dated 12.11.2022

For: grant of 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 under Rule 6 of the Hazardous & Other Wastes (Management & Transboundary Movement) Rules 2016 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:

1. **The consent to renewal is granted for a period up to 31/03/2028**
2. **The capital investment of the project is Rs.397.9563 Crs. (As per C.A Certificate submitted by industry Existing CI is-Rs. 291.02 Crs + Expansion C.I. - Rs. 106.94 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
Adhesives			
1	Ethyl Cyanoacrylate	27.74	MT/A
2	Acrylates	65.129	MT/A

Sr No	Product	Maximum Quantity	UOM
3	Acrylic resin	70.917	MT/A
4	Alkoxyethyl Cyanoacrylate	0.89	MT/A
5	Amine	2.565	MT/A
6	Chloroprene Rubber/Solvent	1918.768	MT/A
7	Dimethacrylate Ester	571.396	MT/A
8	Epoxy	3224.71	MT/A
9	Epoxy 1C Adhesives	184.871	MT/A
10	Ethyl Cyanoacrylate	950.765	MT/A
11	Hot Melt Adhesive	20000.426	MT/A
12	Methacrylate	1.552	MT/A
13	Methacrylate Ester	190.87	MT/A
14	Methacrylate Monomers	47.4	MT/A
15	Methyl Cyanoacrylate	20.766	MT/A
16	Modified Acrylate	2.888	MT/A
17	Modified Acrylic	5.403	MT/A
18	Poly Urethane	751.931	MT/A
19	Polyacrylate	7.652	MT/A
20	Polyurethane Resin and Isocyanate	3.167	MT/A
21	Pressure Sensitive Adhesives	28000.001	MT/A
22	PUR Melt Adhesive	15000	MT/A
23	Solvent Based Adhesive	18098.683	MT/A
24	Urethane Methacrylate	87.247	MT/A
25	Urethane Methacrylate Ester	14.629	MT/A
26	Water Based Adhesive	35000.319	MT/A
Sealant			
27	Acetoxy silicone	80.1	MT/A
28	LiquidApplied Sound Deadeners	10000	MT/A
29	Neutral Cure Silicone	322.83	MT/A
30	Oxime silicone	1466.866	MT/A
31	Silicone	130.204	MT/A
Surface Treatment			
32	Aldehyde Amine Condensate	0.412	MT/A
33	Aliphatic Amine	0.564	MT/A
34	Amine	20.523	MT/A
35	Amine and Thiazole	0.412	MT/A

Sr No	Product	Maximum Quantity	UOM
36	Anti Rusting Agent	2.297	MT/A
37	Cold Cleaners with Solvents	76.812	MT/A
38	Copper Salt and Aliphatic Amine	1.744	MT/A
39	Dimethacrylate Ester	6.887	MT/A
40	Hydrocarbon / Monoterpene Blend	138.313	MT/A
41	Methylene Chloride	72.569	MT/A
42	Methylenediphenyl Diisocyanate Prepolymer	1.777	MT/A
43	Poly Urethane	0.187	MT/A
44	Solder Flux	8.218	MT/A
45	Surfactants and Conditioners	268.475	MT/A
46	Water and Silica Based Coating	0.81	MT/A
47	Solvent Based Polymer	650	MT/A
48	Cleaner	10750	MT/A

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

Sr No	Description	Permitted (in CMD)	Standards to	Disposal Path
1.	Trade effluent	95	As per Schedule-I	CETP
2.	Domestic effluent	55	As per Schedule-I	50 CMD recycling/reusing in the process, cooling tower, fire-fighting, toilet flushing & gardening etc and discharge remaining 5 CMD to CETP

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

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
1	S-1	Thermic Fluid Heater	1	As per Schedule -II
2	S-2	Thermic Fluid Heater(2 nos) (Existing)	1	As per Schedule -II
3	S-3	Hot water Generator	1	As per Schedule -II
4	S-4	Adhesives Industrial Lamination Scrubber (Existing)	1	As per Schedule -II
5	S-5	Metal Scrubber	1	As per Schedule -II
6	S-6	Aquence Scrubber	1	As per Schedule -II
7	S-7	QC Scrubber	1	As per Schedule -II
8	S-8	HF Acid Storage tank	1	As per Schedule -II
9	S-9	Tank Farm	1	As per Schedule -II

Sr No.	Stack No.	Description of stack / source	Number of Stack	Standards to be achieved
10	S-10	DG Set(2000KVA)	1	As per Schedule -II
11	S-11	DG Set(2000KVA)	1	As per Schedule -II
12	S-12	DG Set(2000KVA)	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Pipes, Steel structure valves,Pumps	171	MT/A	Sale	Sale to authorized party
2	Engineering waste(Nut Bolt, fasteners, storage rack bars, etc)	64	MT/A	Sale	Sale to authorized party
3	Wooden scrap/Pallet	1320	MT/A	Sale	Sale to authorized party
4	Empty chemical bottles and glassware	3.2	MT/A	Sale	Sale to authorized party
5	Floor tiles & construction waste	23	MT/A	Sale	Sale to authorized party
6	Canteen waste	178	MT/A	Manure	Used as mannure
7	Metal Drums/waste	138	MT/A	Sale	Sale to authorized party
8	Ploy bags/Plastic Jumbo Bags with liners, office waste, Glass scrap, Paper Bags	826	MT/A	Sale	Sale to authorized party
9	HDPE Drums	12	MT/A	Sale	Sale to authorized party
10	Poly bags/Plastic/Cardboard	57	MT/A	Sale	Sale to authorized party
11	Used PPE	2	MT/A	Sale	Sale to authorized party
12	Cotton waste	113	MT/A	Sale	Sale to authorized party
13	Cardboard paper	36	MT/A	Sale	Sale to authorized party
14	STP Sludge	38	MT/A	Sale/Manure	Used as mannure

7. **Conditions under Hazardous & Other Wastes (M & T M) Rules 2016 for treatment and disposal of hazardous waste:**

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
1	23.1 Wastes or residues (not made with vegetable or animal materials)	492.4	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF

Sr No	Category No./ Type	Quantity	UoM	Treatment	Disposal
2	3.3 Sludge and filters contaminated with oil	23.72	MT/A	Incineration	CHWTSDF
3	15.2 Discarded asbestos	2.24	MT/A	Landfill	CHWTSDF
4	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	5810	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
5	35.2 Spent ion exchange resin containing toxic metals	7.2	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
6	35.3 Chemical sludge from waste water treatment	580	MT/A	Landfill/ Incineration	CHWTSDF
7	37.1 Sludge from wet scrubbers	9.6	MT/A	Landfill/ Incineration	CHWTSDF
8	21.1 Process wastes, residues and sludges	886	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
9	5.1 Used or spent oil	40.8	MT/A	Incineration/ Recycle	Sale to authorised party / CHWTSDF
10	28.6 Spent organic solvents	36000	Ltr/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
11	29.4 Spent solvents	146	MT/A	Incineration	CHWTSDF
12	27.1 Process residues	160	MT/A	Incineration	CHWTSDF
13	Flammable waste	61.2	MT/A	Incineration/ Recycle*	Sale to authorised party / CHWTSDF
14	Spent Carbon (ETP)	35	MT/A	Incineration	CHWTSDF
15	5.2 Wastes or residues containing oil	4	MT/A	Incineration/ Recycle	Sale to authorised party / CHWTSDF

*** Sale to Authorized Party having permission under Rule 9 of H&OW Rule**

8. Conditions under Batteries (Management & Handling) Rules, 2001:

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Battery Waste	2.20	MT/A	Sale to Authorized Party

Specific Conditions for used Batteries:

- The applicant shall ensure that used batteries are not disposed of in any manner other than by depositing with the authorized dealer/ manufacturer/ registered recycler/ importer/ re-conditioner or at the designated collection center.
- The applicant shall file half-yearly return in Form VIII to the M.P.C. Board.
- Bulk consumers to their user units may auction used batteries to registered recyclers only.

9. **Conditions under E-Waste Management:**

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	E-waste	1.80	MT/A	Sale to Authorized Party

10. **Treatment and Disposal of Biomedical Waste generated to CBMWTSDf:**

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Discarded linen, mattresses, beddings contaminated with blood or body fluid.	200.00	Yellow colored non- chlorinated plastic bags containers	CBMWTSDf
2	White (Translucent)	Waste sharps including Metals	60.00	Puncture proof, Leak proof, tamper proof container	CBMWTSDf

11. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding on the industry.
12. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
13. M/s. Henkel Adhesive Technologies India Pvt. Ltd. (Trade effluent- 85 CMD, Domestic Effluent- 37 CMD) and Joint Venture company M/s Henkel Anand India Pvt Ltd. ((Trade effluent- 10 CMD, Domestic Effluent- 18 CMD) will be held jointly & severally responsible for O&M of Pollution Control System and will be liable to action, in case, if JVS results exceeded the consented limit.
14. This consent is issued with overriding effect on earlier Consent to Operate granted by the Board vide no. Format 1.0/BO/CAC-Cell/UAN No. 0000076702/A/CAC-1911000077 dated 02/11/2019 & amended vide No. MPCB/UAN No. 0000076702/CAC-Cell/Amend-2203000035-A dated 24/3/2022
15. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. EC22B021MH157606 dated 10/2/2022
16. The applicant shall make an application for renewal of consent 60 days prior to date of expiry of the consent.
17. This consent is issued as per the minutes of Consent Appraisal Committee meeting held on 09/2/2023
- . This consent is issued as per communication letter dated 03/11/2022 which is approved by competent authority of the board.

Received Consent fee of -

Sr.No	Amount(Rs.)	Transaction/DR.No.	Date	Transaction Type
1	3979563.00	MPCB-DR-15716	01/12/2022	RTGS
2	25000.00	TXN2301001348	10/01/2023	Online Payment

Copy to:

1. Regional Officer, MPCB, Pune and Sub-Regional Officer, MPCB, Pune I
- They are directed to ensure the compliance of the consent conditions.
2. Chief Accounts Officer, MPCB, Sion, Mumbai



SCHEDULE-I

Terms & conditions for compliance of Water Pollution Control:

1. A] As per your application, you have provided Effluent Treatment Plant (ETP) of designed capacity of 150.00 CMD consisting of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank), Secondary (Activated sludge process), Tertiary (Pressure sand filter, Activated carbon filter) for the treatment of 95 CMD of trade effluent.
- 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	Limiting concentration not to exceed in mg/l, except for pH
(1)	pH	6.0 -8.5
(2)	BOD (3 days 27°C)	30
(3)	COD	250
(4)	TSS	100
(5)	Oil & Grease	10
(6)	Total Dissolved Solids	2100
(7)	Chloride	600
(8)	Sulphate	1000
(9)	Phosphates as P	5

- C] The Industry shall ensure connectivity online monitoring system to the MPCB server including separate energy meter for pollution control system.
 - D] The treated effluent (95 CMD) shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged to CETP after confirming above standards. In no case, effluent shall find its way outside factory premises.
2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 90 CMD for the treatment of 55 CMD of sewage.
 - B] The Applicant shall operate the sewage treatment system to treat the sewage so as to achieve the following standards.

Sr.No	Parameters	Standards (mg/l)	
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

- C] The partly treated sewage (50 CMD) shall be recycled/reused into process, cooling tower, fire fighting, toilet flushing, applied on land for gardening etc and remaining 5 CMD shall be discharged into CETP for further treatment & disposal.

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 an 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) Act, 1974 and as amended, by installing water meters 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	158.00
2.	Domestic purpose	69.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	119.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	174

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 provided the Air pollution control (APC) system and erected following stack (s) to observe the following fuel pattern:

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-1	Thermic Fluid Heater (Existing)	Scrubber	36.00	LSHS/FO 250 Kg/Hr	1	TPM	150 Mg/Nm ³
				CNG 250 Kg/Hr	-	SO ₂	120 Kg/Day
						NO _x	50 Mg/Nm ³
S-2	Thermic Fluid Heater(2 nos) (Existing)	Scrubber	45.00	LSHS/FO 500 Kg/Hr	1	TPM	150 Mg/Nm ³
				CNG 500 Kg/Hr	-	SO ₂	240 Kg/Day
						NO _x	50 Mg/Nm ³
S-3	Hot water Generator (Existing)	Scrubber	34.00	LSHS/FO 250 Kg/Hr	1	TPM	150 Mg/Nm ³
				CNG 250 Kg/Hr	-	SO ₂	120 Kg/Day
						NO _x	50 Mg/Nm ³
S-4	Adhesives Industrial Lamination Scrubber	Scrubber	23.50	-	-	Acid Mist	35 Mg/Nm ³
S-5	Metal Scrubber (Existing)	Scrubber	15.00	-	-	Acid Mist	35 Mg/Nm ³
S-6	Aqueous Scrubber	Scrubber	15.00	-	-	Acid Mist	35 Mg/Nm ³
S-7	QC Scrubber	Scrubber	15.00	-	-	Acid Mist	35 Mg/Nm ³
S-8	HF Acid Storage tank	Scrubber	15.00	-	-	Acid Mist	35 Mg/Nm ³
S-9	Tank Farm (Existing)	Scrubber	15.00	-	-	Acid Mist	35 Mg/Nm ³
S-10	DG Set(2000KVA)	Acoustic Enclosure	30.00	HSD 850 Kg/Hr	1	TPM	150 Mg/Nm ³
						SO ₂	408 Kg/Day
S-11	DG Set(2000KVA) (Proposed)	Acoustic Enclosure	30.00	HSD 650 Kg/Hr	1	TPM	150 Mg/Nm ³
						SO ₂	312 Kg/Day

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-12	DG Set(2000KVA) (Proposed)	Acoustic Enclosure	30.00	HSD 650 Kg/Hr	1	TPM	150 Mg/Nm ³
						SO2	312 Kg/Day

- 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.
- 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).

SCHEDULE-III

Details of Bank Guarantees:

Sr. No	Consent (C2E/C2O/C2R)	Amt of BG Imposed	Submission Period	Purpose of BG	Compliance Period	Validity Date
1	C to O	25 Lakh	15 Days	Towards O&M of Pollution Control System and compliance of Consent Conditions	31/3/2028	30/9/2028

BG Forfeiture History

Srno.	Consent (C2E/C2O/C2R)	Amount of BG imposed	Submission Period	Purpose of BG	Amount of BG Forfeiture	Reason of BG Forfeiture
NA						

BG Return details

Srno.	Consent (C2E/C2O/C2R)	BG imposed	Purpose of BG	Amount of BG Returned
NA				

SCHEDULE-IV

General Conditions:

1. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that e-waste generated by them is channelised through collection centre or dealer of authorised producer or dismantler or recycler or through the designated take back service provider of the producer to authorised dismantler or recycler
2. Bulk consumers of electrical and electronic equipment listed in Schedule I shall maintain records of e-waste generated by them in Form-2 and make such records available for scrutiny by the concerned State Pollution Control Board
3. Consumers or bulk consumers of electrical and electronic equipment listed in Schedule I shall ensure that such end-of-life electrical and electronic equipment are not admixed with e-waste containing radioactive material as covered under the provisions of the Atomic Energy Act, 1962 (33 of 1962) and rules made there under;
4. Bulk consumers of electrical and electronic equipment listed in Schedule I shall file annual returns in Form-3, to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates. In case of the bulk consumer with multiple offices in a State, one annual return combining information from all the offices shall be filed to the concerned State Pollution Control Board on or before the 30th day of June following the financial year to which that return relates.
5. Specific Conditions for storage, Handling and Disposal of Waste from Electrical & Electronic equipment (WEEE):
 1. **Collection of WEEE** - The applicant must provide appropriate and dedicated vehicles duly identified as per the norms for transportation of Hazardous Waste. The applicant shall obtain all the required permits for transportation of WEEE from competent authority. The applicant shall ensure the safe transport of the WEEE without any spillage during transportation.

Storage for disassembled parts: The applicant must provide appropriate storage for disassembled spare parts from WEEE. Some spare parts (e.g. motors and compressors) will contain oil and/or other fluids. Such part must be appropriately segregated and stored in containers that are secured such that oil and other fluids cannot escape from them. These containers must be stored on an area with an area with an impermeable surface and a sealed drainage system.
 2. **Storage for other components and residues:** Other components and residues arising from the treatment of WEEE will need to be contained following their removal for disposal or recovery. Where they contain hazardous substances they should be stored on impermeable surface and in appropriate containers or bays with weatherproof covering. Containers should be clearly labelled to identify their contents and must be secured so that liquids, including rain water cannot enter them. Components should be segregated having regard to their eventual destinations and the compatibility of the component types. All batteries should be handled and stored having regard to the potential fire risk associated with them.
 3. **Balances** : WEEE Guidelines also requires that sites for handling of WEEE have "balances to measure the weight of the segregated waste". The objective is to ensure that a record of weights can be maintained of WEEE entering a facility and components and materials leaving each site (together with their destinations). The nature of the weighing equipment should be appropriate for the type and quantity of WEEE being processed.

4. Plastic, which cannot be recycled and is hazardous in nature, is recommended to be land filled in nearby CHWTSDf.
 5. Ferrous and nonferrous metal recycling facilities fall under the purview of existing environmental regulations for air, water, noise, land and soil pollution and generation of hazardous waste and the same should be followed.
 6. CFCS should be either reused or incinerated in common hazardous waste Incineration facilities at CHWTSDf.
 7. Waste Oil should be either reused or incinerated in common hazardous waste incineration facilities.
 8. PCB's containing capacitors shall be incinerated in common hazardous waste incineration facilities at CHWTSDf.
 9. Mercury recovery and lead recycling facilities from batteries fall under the Hazardous & Other Wastes (M & TM) Rules, 2016.
 10. Existing environmental regulations for air; water; noise, land and soil pollution and generation of hazardous waste and the same should be followed. In case Mercury or lead recovery is very low, they can be temporarily stored at e-waste recycling facility and later disposed in TSDF.
 11. The industry shall maintain records of the e-waste purchased, processed in Form-2 and shall file annual returns of its activities of previous year in Form-3 as per Rules 11(9) & 13(3)(vii) of the E-Waste(M) Rules, 2016; on or before 30th day of June of every year.
6. The Energy source for lighting purpose shall preferably be LED based
 7. The PP shall harvest rainwater from roof tops of the buildings and storm water drains to recharge the ground water and utilize the same for different industrial applications within the plant
 8. 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) 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) 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 MoEFCC, India on Environment (Protection) second Amendment Rules vide GSR 371(E) dated 17.05.2002 and its amendments regarding noise limit for generator sets run with diesel.
 9. The applicant shall maintain good housekeeping.
 10. 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.

11. 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.
12. The Board reserves the right to review, amend, suspend, revoke this consent and the same shall be binding upon you.
13. 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 downloaded from MPCB official site).
14. The industry shall submit official e-mail address and any change will be duly informed to the MPCB.
15. The industry shall achieve the National Ambient Air Quality standards prescribed vide Government of India, Notification No. B-29016/20/90/PCI-L dated. 18.11.2009 as amended.
16. This consent should not be construed as exemption from obtaining necessary NOC/ permission from any other Government authorities.
17. 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.
18. You shall operate OCEMS installed for source emission round 'O' clock and transmit data online to CPCB and MPCB server. You shall also monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in year and submit report to Sub Regional Officer.
19. You shall ensure collection, and segregation of BMW regularly to treat and dispose Off within 48 hrs from generation.
20. 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.
21. 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 of the consent. In the absence, the applicant shall stop, reduce or otherwise, control production to abide by terms and conditions of this consent.
22. The industry shall recycle/reprocess/reuse/recover Hazardous Waste as per the provision contain in the Hazardous and Other Wastes (M & TM) Rules 2016, which can be 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.
23. An inspection book shall be opened and made available to the Board's officers during their visit to the applicant.
24. You shall not Rent, Lend, Sell, Transfer or Close Down the facility or otherwise transport the Bio Medical waste for any other purpose without obtaining prior written permission of the MPC Board.

25. 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 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.
26. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.
27. The industry should not cause any nuisance in surrounding area.
28. 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.
29. You shall ensure that fugitive emissions from the activity are controlled so as to maintain clean and safe environment in and around the facility premises.
30. 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.
31. 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 an extension or addition thereto
32. 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.
33. The applicant shall bring minimum 33% of the available open land under green coverage/ plantation. The applicant shall submit a yearly statement by 30th September every year on available open plot area, number of trees surviving as on 31st March of the year and number of trees planted by September end.
34. 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.
35. The firm shall submit to this office, the 30th day of September every year, the Environment 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.
36. You should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly. You shall conduct Dioxin Furan monitoring by third party NABL Accredited agency once in every year and submit report to Sub Regional Officer.
37. 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).

38. 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 the terminal or designated points and shall pay to the Board for the services rendered in this behalf.
39. You shall obtain necessary prior permission for providing additional control equipment with necessary specifications and operation thereof or alteration or 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.
40. You 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 1986 which are available on MPCB website (www.mpcb.gov.in).
41. You shall create the Environmental Cell by appointing an Environmental Engineer and Chemist for looking after day-to-day activities related to compliance of CCA.
42. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year
43. You should comply with the Hazardous and Other Wastes (M & TM) Rules, 2016 , Bio Medical Waste Management Rules,2016 and submit the Annual Returns as per Rule 6(5) & 20(2) of Hazardous and Other Wastes (M & TM) Rules, 2016 for the preceding year in Form-IV by 30th June of every year

This certificate is digitally & electronically signed.

