MAHARASHTRA POLLUTION CONTROL BOARD

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Kalpataru Point, 2nd and 4th floor, Opp. Cine Planet Cinema, Near Sion Circle, Sion (E), Mumbai-400022

RED/L.S.I (R22)
No:- Format1.0/CC/UAN
No.0000116928/CE/2302001237

Date: 16/02/2023

To,
M/s. Inventys Research Company Pvt. Ltd.,
Plot No.- SZ - 14 &15, MIDC Butibori,
Dist.-Nagpur.

Your Service is Our Duty

Sub: Grant of Amendment in Consent to Establish in RED/LSI Category

Ref:

1. Environmental Clearance accorded by the MoEF & CC, Govt. of India, vide No. F. No. IA-J-11011/219/2018 -IA-II (I), date. 03.08.2021.
2. Your application for Consent to Establish Vide No. MPCB-CONSENT-0000116928.
3. Minutes of 17th Consent Committee meeting dtd.08.03.2022.
4. Consent to Establish accorded vide No. Format1.0/CC/UAN No.0000116928/CE/2205000266, dtd., 05/05/2022.

Your application No.MPCB-CONSENT-0000116928 Dated 30.06.2021

For: Grant of 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 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 establish is granted for a period up to commissioning of the unit or up to 5 year whichever is earlier.**
2. **The capital investment of the project is Rs.110.00 Crs. (As per undertaking submitted by pp Existing CI is-Rs. 0.00 Crs + Proposed C.I. – Rs. 110.00 Crs)**
3. **Consent is valid for the manufacture of:**

Sr No	Product	Maximum Quantity	UOM
Products			
Intermediate Agro			
1	3-(prop-2-en-1-yloxy)-1-benzothiazole 1,1-dioxide	1000	MT/A
2	2-(3,4-Dimethyl-1-H-pyrazol-1-yl)butanedioic acid	3000	MT/A
3	Decanenitrile	500	MT/A
4	2-Isopropyl-6-methyl-4-pyrimidinol	200	MT/A
5	2-Phenyl indole	10	MT/A
6	Methyl(2E)-3-(6-chloro-4-oxo-4h-3,1-benzoxazin-2-yl) prop-2-enoate	200	MT/A

Sr No	Product	Maximum Quantity	UOM
7	4-Methoxy-6-methyl-1,3,5-triazin-2-amine	50	MT/A
8	3,4 DiMethyl Pyrazole	1000	MT/A
9	O,O-diethyl O-(5-phenyl-1,2-oxazol-3-yl) phosphorothioate	300	MT/A
10	3-methyl-N- {2-methyl-1-[2-methyl-4- (propan-2-yloxy) phenyl]-1-oxopropan-2-yl} thiophene-2-carboxamide	100	MT/A
11	3-(trifluoromethyl)aniline	100	MT/A
12	2,3,4,5-Tetrafluorobenzoic Acid	100	MT/A
Intermediate Pharma, Intermediate Agro, Specialty Chemical			
13	3-Chloroaniline	500	MT/A
14	2-Amino-5-chlorobenzoic acid	100	MT/A
APIs, Intermediate Pharma, Specialty Chemical			
15	Sucrose octakis(hyrogen sulfate) aluminum complex	300	MT/A
16	6-Chloro-2-hexanone	500	MT/A
17	3-ethyl-4-methyl-1,5-dihydro-2-h-pyrrol-2-one	20	MT/A
18	1-Chloro-2-phenoxybenzene	300	MT/A
19	2-propylpentanoic acid	300	MT/A
20	Sodium 2-propylpentanoate	100	MT/A
21	Sodium hydrogen bis(2-propylvalerate) oligomer	100	MT/A
22	1-Chloro-2-methoxynaphthalene	1000	MT/A
23	1-(isoprylamino)-3-(1-naphthyloxy)-2-propanol hydrochloride	30	MT/A
24	2-Bromo-6-methoxynaphthalene	1000	MT/A
25	4-Amino salicylic acid	50	MT/A
26	2-(diethylamino)2-6,acetoxylidide hydrochloride	50	MT/A
27	1-bromo-3-chloropropane	100	MT/A
28	Benzyldimethyl [2-[2-[p-(1, 1, 3, 3-tetramethylbutyl) phenoxy]ethoxy]ethyl] ammonium chloride	300	MT/A
29	5-tert-Butyl-m-Xylene	300	MT/A
30	2-Chlorothiophene-5-carboxylic acid	100	MT/A
31	2-hydroxy-5-{(E)-[4-(pyridin-2-ylsulfamoyl)phenyl]diazenyl}benzoic acid	100	MT/A
32	5-[4'-(Bromomethyl)-1,1'-biphenyl-2-yl]-1-triphenylmethyl-1-H-Tetraz ole]	500	MT/A
33	3 (Trifluoromethyl) pyrazine-2-carboxylate	100	MT/A
34	2,4,5-Trifluoro-3-methoxybenzyoyl chloride	100	MT/A
35	5-Phenyl-1,2-oxazol-3-ol	200	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	814	As per Schedule-I	Partly recycle 100 CMD & partly CETP 714 CMD
2.	Domestic effluent	16	As per Schedule-I	On land for gardening

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	Boiler 30 TPH	1	As per Schedule -II
2	S-2 to S-5	DG Set(4 nos) (1500 KVA each)	4	As per Schedule -II
3	S-6	API Plant-1 Scrubber	1	As per Schedule -II
4	S-7	API Plant-2 Scrubber	1	As per Schedule -II
5	S-8	Tank Farm-1 Scrubber	1	As per Schedule -II
6	S-9	API Plant-3 Scrubber	1	As per Schedule -II
7	S-10	API Plant-4 Scrubber	1	As per Schedule -II
8	S-11	MPP Plant Furnace Scrubber	1	As per Schedule -II
9	S-12	MPP Plant Bromine Charging Scrubber	1	As per Schedule -II
10	S-13	MPP Plant-1 Scrubber	1	As per Schedule -II
11	S-14	Tank Farm-2 Scrubber	1	As per Schedule -II
12	S-15	Solvent Recovery System Scrubber	1	As per Schedule -II
13	S-16	MPP Plant-2 Scrubber	1	As per Schedule -II
14	S-17	MPP Plant-3 Scrubber	1	As per Schedule -II
15	S-18	MPP Plant-4 Scrubber	1	As per Schedule -II
16	S-19	MPP Plant-5 Scrubber	1	As per Schedule -II
17	S-20	MPP Plant-6 Scrubber	1	As per Schedule -II
18	S-21	Solvent Storage System Scrubber	1	As per Schedule -II
19	S-22	MPP Plant-7 Scrubber	1	As per Schedule -II

6. **Non-Hazardous Wastes:**

Sr No	Type of Waste	Quantity	UoM	Treatment	Disposal
1	Briquette /Coal Ash	3650	MT/A	Sale	Sale to Brick Manufacturer
2	Waste paper, Sweeping material etc	1	MT/A	Sale	Sale to authorized party
3	STP Sludge	1.25	MT/A	Composting	Used as mannure
4	Wooden Pallet	2.5	MT/A	Sale	Sale to authorized party

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	28.3 Spent carbon	1	MT/A	Incineration	CHWTSDF
2	36.2 (Contaminated PPE/Plastic Waste/ Liners /Filters and Filter Materials)	3	MT/A	Incineration	CHWTSDF
3	35.3 Spent carbon from ETP	121	MT/A	Landfill after treatment	CHWTSDF
4	20.3 Distillation residues	2160	MT/A	Incineration	CHWTSDF
5	33.1 Empty barrels /containers /liners contaminated with hazardous chemicals /wastes	2500	Nos./Y	Recycle*	Sale to authorised party / CHWTSDF
6	35.3 Chemical sludge from waste water treatment	153	MT/A	Landfill after treatment	CHWTSDF
7	37.3 Concentration or evaporation residues	13100	MT/A	Landfill	CHWTSDF
8	20.2 Spent solvents	850	MT/A	Recycle*	CHWTSDF
9	28.1 Sodium chloride (Nacl) (Generated from 1-Chloro-2-phenoxybenzene & Benzethonium Chloride)	223	MT/A	Recycle*	Sale to authorised party / CHWTSDF
10	28.1 Sodium bromide (NaBr) (Generated from 2-propylpentanoic, 3-methyl-N- {2-methyl-1-[2-methyl-4- (propan-2-yloxy)phenyl] -1-oxopropan-2-yl} thiophene-2-carboxamide acid & 2-Phenylidole)	566	MT/A	Recycle*	Sale to authorised party / CHWTSDF
11	28.1 Ammonium bromide (NH4Br) (Generated from 3-(trifluoromethyl) aniline)	65	MT/A	Recycle*	Sale to authorised party / CHWTSDF
12	28.1 Toluene (Generated from 3-Chloroaniline)	372	MT/A	Recycle*	Sale to authorised party / CHWTSDF
13	28.1 Sodium sulfate (Na2SO4) (Generated from 3-ethyl-4-methyl-1,5-dihydro-2-h-pyrrol-2-one)	29	MT/A	Recycle*	Sale to authorised party / CHWTSDF

[*- Industry shall ensure disposal of Hazardous Waste to the Actual user having permissions under Rule 9 of Hazardous and other Waste (M & TM) Rules, 2016.]

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

Sr No	Type of Waste	Quantity	UoM	Disposal Path
1	Battery Waste	0.50	MT/A	Sale to Authorized Dealer

Specific Conditions for used Batteries:

i. 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.

ii. The applicant shall file half-yearly return in Form VIII to the M.P.C. Board.

iii. 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	0.50	MT/A	Sale to Authorized Preprocessor

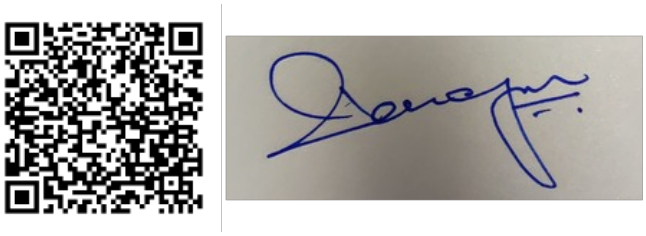
10. **Treatment and Disposal of Biomedical Waste generated to CBMWTSDF:**

Sr.No	Category	Type of Waste	Quantity not to exceed (Kg/M)	Segregation Color coding	Treatment & Disposal
1	Yellow	a) Soiled Waste	16.60	Yellow colored non-chlorinated plastic bags or containers	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. The industry shall obtain necessary permission from the Directorate of Industrial Safety and Health (DISH).
14. The applicant shall comply with the conditions of the Environmental Clearance granted vide letter No. F. No. IA-J-11011/219/2018 -IA-II (I), date. 03.08.2021 and shall submit the B.G of Rs.10.0 Lakh towards compliance of the same.
15. The 1st Consent to Operate will be considered for weak stream -714 CMD CETP discharge, if CETP Butibori expansion 5 MLD capacity will be completed and commissioned or else PP shall achieve Zero Liquid Discharge, if new expansion of CETP is not commissioned.
16. Industry shall install (24 x7) OCEMS system as per the CPCB guidelines for measurement of stack emissions and Effluent Treatment Plant outlet and the data to be transmitted to CPCB and MPCB server directly from datalogger.
17. Industry shall comply with direction issued to CETP on 22.01.2021, regarding installation of two-way SCADA, Auto-sampler, Non-Return Valve (NRV) with positive discharge to CETP chamber.
18. Industry shall obtain PESO license / approval for storage of flammable Chemicals from the competent authority.
19. Industry shall apply separately for By-products before By-product committee.

20. This consent is issued pursuant to the decision of the 17th Consent Committee Meeting held on 08.03.2022.
21. This consent is issued with overriding effect to earlier Consent to Establish accorded vide No. Format1.0/CC/UAN No.0000116928/CE/2205000266, dtd., 05/05/2022.
22. The applicant shall obtain Consent to Operate from Maharashtra Pollution Control Board before actual commencement of the Unit/Activity. (Establish)

. 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	220000.00	MPCB-DR-6900	12/07/2021	RTGS

Copy to:

1. Regional Officer, MPCB, Nagpur and Sub-Regional Officer, MPCB, Nagpur II
- 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 proposed to segregate trade effluent into weak stream & strong stream and provide Effluent Treatment Plant (ETP) comprising of:

i) Strong COD/TDS stream of 181 CMD - Treatment system comprising of Primary (Collection tank, Neutralization tank, Equalization tank, Flash mixer, Primary Clarifier/Primary Settling Tank, Primary after stmt) , Stripper, Multi effect evaporator (5 stage) with design capacity of 220 CMD followed by ATFD. The MEE condensate is treated in weak stream ETP.

ii) Weak COD/TDS stream of 633 CMD - Treatment system comprising 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) with design capacity of 850 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*	*Limiting concentration not to exceed in mg/l, except for pH*
(1)	pH	6.0 - 8.5
(2)	BOD (3 days 27°C)	100 mg/l
(3)	COD	250 mg/l
(4)	TSS	100 mg/l
(5)	Oil & Grease	10 mg/l
(6)	Ammonical Nitrogen	50 mg/l
(7)	Phosphates as P	5 mg/l
(8)	Sulphides as S	2 mg/l
(9)	Phenolic Compounds	1 mg/l
(10)	Lead (as Pb)	0.1 mg/l
(11)	Cyanide (as HCN)	0.1 mg/l
(12)	Zinc (as Zn)	1.0 mg/l
(13)	Mercury (as Hg)	0.01 mg/l
(14)	Total Dissolved Solids	2100 mg/l
(15)	Bio - Assay Test	90% Survival of Fish after first 96 hours in 100% effluent
(16)	Pesticides	0.10 mg/l

C] The partly treated strong stream shall recycled & reused for utility purpose & partly treated effluent weak stream effluent 714 CMD shall be disposed to CETP for further treatment and disposal after confirming above standards. In no case, effluent shall find its way outside factory premises.

D] The 1st Consent to Operate will be considered for weak stream CETP discharge i.e for 714 CMD, if CETP Butibori expansion 5 MLD capacity will be completed or else industry shall achieve Zero Liquid Discharge, if new CETP expansion is not commissioned.

E] Industry shall install online continuous monitoring system as per CPCB guidelines & data to be transmitted directly from Data Logger to Board server.

2. A] As per your application, you have provided Sewage Treatment Plant of designed capacity 20 CMD for the treatment of 16 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	100
2	BOD 3 days 27°C	Not to exceed	30

C] The treated sewage shall be recycled for secondary purposes to the maximum extent and remaining shall be discharged on land for gardening within premise after confirming above standards. In no case, sewage shall find its way for gardening / outside factory premises.

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 there of & 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	1297.00
2.	Domestic purpose	20.00
3.	Processing whereby water gets polluted & pollutants are easily biodegradable	148.00
4.	Processing whereby water gets polluted & pollutants are not easily biodegradable and are toxic	0.00
5.	Gardening	0.00

Industry shall restrict the total water consumption upto 1465 CMD as per the Environmental Clearance.

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 provide the Air pollution control (APC) system and also to erect 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	Boiler 30 TPH	Fabric Bag Filter	50.00	Coal 3 MT/Hr	0.5	TPM	150 Mg/Nm^3
						SO2	310 Kg/Day
				[OR] Briquette 3.67 MT/Hr	0.06	TPM	150 Mg/Nm^3
						SO2	52 Kg/Day
S-2	DG Set	Acoustic Enclosure Stack	30.00	HSD 1600 Ltr/Hr	1	TPM	150 Mg/Nm^3
						SO2	27.2 Kg/Day
S-3	DG Set	Acoustic Enclosure Stack	30.00	HSD 1600 Ltr/Hr	1	TPM	150 Mg/Nm^3
						SO2	27.2 Kg/Day
S-4	DG Set	Acoustic Enclosure Stack	30.00	HSD 1600 Ltr/Hr	1	TPM	150 Mg/Nm^3
						SO2	27.2 Kg/Day
S-5	DG Set	Acoustic Enclosure Stack	30.00	HSD 1600 Ltr/Hr	1	TPM	150 Mg/Nm^3
						SO2	27.2 Kg/Day
S-6	API Plant-1 Process vent	Scrubber	11.00	-	-	HCL	30 Mg/Nm^3
S-7	API Plant-2 Process Vent	Scrubber	11.00	-	-	SO2 (process)	50 PPM
S-8	API Plant-3 Process Vent	Scrubber	11.00	-	-	Acid Mist	35 Mg/Nm^3
						SO2 (process)	50 PPM
S-9	API Plant-4 process vent	Activated Charcoal scrubber for Solvents	11.00	-	-	Benzene	5 Mg/Nm^3
S-10	Tank Farm-1	Scrubber	15.00	-	-	NH3	30 Mg/Nm^3

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-11	MPP Plant Furnace vent	Scrubber	12.00	-	-	NH3	30 Mg/Nm^3
S-12	MPP Plant Bromine Charging Reactor	Scrubber	12.00	-	-	HBr	5 Mg/Nm^3
S-13	MPP Plant-1 Process Vent	Scrubber	12.00	-	-	HCL	30 Mg/Nm^3
						SO2 (process)	50 PPM
S-14	Tank Farm-2 Vent	Scrubber	10.00	-	-	Acid Mist	35 Mg/Nm^3
						SO2	50 PPM
S-15	Solvent Recovery System	Activated Charcoal scrubber for Solvents	11.00	-	-	Benzene	5 Mg/Nm^3
S-16	MPP Plant-2 Process Vent	Scrubber	11.00	-	-	HCL	30 Mg/Nm^3
S-17	MPP Plant-3 Process Vent	Scrubber	11.00	-	-	SO2 (process)	50 PPM
S-18	MPP Plant-4 Scrubber	Scrubber	11.00	-	-	HCL	30 Mg/Nm^3
S-19	MPP Plant-5 Scrubber	Scrubber	11.00	-	-	SO2 (process)	50 PPM
S-20	MPP Plant-6 Scrubber	Scrubber	11.00	-	-	SO2 (process)	50 PPM
						NH3	30 Mg/Nm^3
						HBr	5 Mg/Nm^3
S-21	Solvent Storage System	Scrubber	11.00	-	-	Benzene	5 Mg/Nm^3

Stack No.	Source	APC System provided/proposed	Stack Height(in mtr)	Type of Fuel	Sulphur Content(in %)	Pollutant	Standard
S-22	MPP Plant-7 Scrubber	Scrubber	11.00	-	-	SO2 (process)	50 PPM
						NH3	30 Mg/Nm^3
						HBr	5 Mg/Nm^3

(D. G Ste stack height shall be above roof of building)

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.
3. 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.
4. 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).
5. Solvent Management shall be carried out as follows:
    1. Reactors shall be connected to Water / Chilled Water /Brine Condenser system.
    2. Reactors and solvent handling pumps shall have mechanical seals to prevent the leakages.
    3. The condensers shall be provided with adequate Heat transfer area (HTA) and residence time so as to achieve more than 97% overall recovery.
    4. Solvents shall be stored in a separate space specified with all safety measures.
    5. Proper earthing shall be provided in all the equipment's, wherever solvent handling is done.
    6. Entire plant shall be flame proof. The solvent storage tanks shall be provided with breather valve to prevent losses.
    7. All the solvent storage tanks shall be connected with vent condensers with Water / chilled water / Brine circulation. Reflux condensers shall be provided over reactors.
    8. Fugitive emissions shall be controlled at 99.95% with effective chillers.
    9. Solvent transfer shall be through pump.
    10. Metering and control of quantities of active ingredients to minimize wastes.
    11. Use of automatic filling to minimize spillage.
    12. Use of close feed system into batch reactors.
    13. Venting equipment through vapour recovery system.

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 E	Rs.10.0 Lakh	15 Days	Towards Compliance of consent conditions and Environmental Clearance conditions.	CoU	31.03.2027

The above Bank Guarantee(s) shall be submitted by the applicant in favour of Regional Officer at the respective Regional Office within 15 days from the date of issue of Consent.

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 team.
    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 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 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 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.
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. 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.
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. The PP shall provide personal protection equipment as per norms of Factory Act
19. Industry should monitor effluent quality, stack emissions and ambient air quality monthly/quarterly.
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. 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 1986 which are available on MPCB website (www.mpcb.gov.in).
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. The industry shall create the Environmental Cell by appointing an Environmental Engineer, Chemist and Agriculture expert for looking after day to day activities related to Environment and irrigation field where treated effluent is used for irrigation.
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 industry should comply with the Hazardous and Other Wastes (M & TM) 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 April to March in Form-IV by 30th June of every year.
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. 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.

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.

This certificate is digitally & electronically signed.
