



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN
Sector-10-A, Gandhinagar-382 010
Phone : (079) 23226295
Fax : (079) 23232156
Website : www.gpcb.gov.in

BY RPAD

In exercise of the power conferred under section-25 of the Water (Prevention and Control of Pollution) Act-1974, under section-21 of the Air (Prevention and Control of Pollution) Act-1981 and Authorization under rule 6(2) of the Hazardous and other waste (Management & Transboundary Movement) Rules-2016 & rule 13(3) of E-Waste (Management) Rules-2016 framed under the EP Act-1986.

And whereas Board has received on line consolidated application **Inward ID No: 213128 dated 12/04/2022** for the consolidated consent and authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts Consent & Authorization is hereby granted as under.

CONSENT AND AUTHORISATION:

(Under the provisions / rules of the aforesaid environmental acts)

TO,

M/s E-Coil Waste Management Pvt. Ltd.

Plot No. 87, 88, 89, 90, 91, 92,

Sabar industrial Park Pvt. Ltd,

Asal - 383 355,

Tal - Bhiloda, Dist - Aravalli.

1. **Consent Order No: AWH - 119094, Date of Issue: 03-06-2022.**
2. The consents shall be valid up to **28-05-2027** for use of outlet for the discharge of trade effluent and emission due to operation of industrial plant for manufacture of the following items / products:

Sr. No.	Product	Capacity
1.	E-Waste (Collection, Transportation, storage, Dismantling & Recycling, and Precious Metal Recovery) of items covered under Schedule-I of E-waste (M) Rules, 2016) (up to level 3 recycling).	602.25 MT/Month

3. CONDITIONS UNDER THE WATER ACT:

- 3.1 Industrial effluent from the manufacturing process and other ancillary industrial operations shall not exceed **1.5 KLPD**.
- 3.2 The quantity of the industrial discharge shall be **NIL** as generated industrial wastewater shall treat in required ETP units and further reuse & recycled in washing, scrubbing process hence there shall be no industrial wastewater discharge by any means (i.e. Zero Liquid Discharge).
- 3.3 The quantity of the domestic waste water (Sewage) shall not exceed **1.3 KLPD**.
- 3.4 Sewage shall be disposed of through septic tank / soak pit system. *h*

4. CONDITIONS UNDER THE AIR ACT:

4.1 Following shall be used as a fuel:

Sr. No.	Fuel	Quantity
1.	L.D.O. / F.O. / Diesel OR Natural Gas	350 Liter/Day OR 300 M ³ /Day
2.	Electricity	--

4.2 The applicant shall install & operate air pollution control system in order to achieve norms prescribed below.

4.3 The flue gas emission through stack shall conform to the following standards:

Stack No.	Stack attached to	Stack height in Meter	APCM	Parameter	Permissible Limit
1.	Electric Furnace (oven)	15 meter (common Stack)	Cyclone Separator & Bag Filter (common)	Particulate Matter	150 mg/Nm ³
2.	Rotary Furnace			SO ₂	100 ppm
				NO _x	50 ppm

4.4 There shall be process gas emission from the manufacturing process and other ancillary industrial operations.

Stack no.	Stack attached to	Stack height in Meter	APCM	Parameter	Permissible Limit
1.	Metal Recovery Sections (Wet Process Electrolyting)	12 Meter	Suction Hood & wet Scrubber	Particulate Matter	150 mg/Nm ³
				SO ₂	40 mg/Nm ³
2.	Fume Extraction System of wet process	12 Meter	Scrubber	NO _x	25 mg/Nm ³
				HCL	20 mg/Nm ³
				Chlorine	9 mg/Nm ³
3.	Shredding, /Crushing machines	12 Meter	Multi cyclone separator	Acid Mist	25 mg/Nm ³

4.5 The concentration of the following parameters in the ambient air within the premises of the industry shall not exceed the limits specified here under.

PARAMETERS	PERMISSIBLE LIMIT	
	Annual	24 Hrs Average
Particulate Matter-10 (PM ₁₀)	60 Microgram/M ³	100 Microgram/M ³
Particulate Matter-2.5 (PM _{2.5})	40 Microgram/M ³	60 Microgram/M ³
SO ₂	50 Microgram/M ³	80 Microgram/M ³
NO _x	40 Microgram/M ³	80 Microgram/M ³

4.6 The applicant shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted /displayed to facilitate identification.

Outward No. 61254, 14/06/2022



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4.7 The Industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6 a.m. and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

5. Authorization under Rules 6(2) of Hazardous and other Wastes [Management & Transboundary Movement] Rules – 2016 and rule 13(3) of E-Waste (Management) Rules – 2016.

5.1 M/s E-Coli Waste Management Pvt. Ltd. is hereby granted an authorization to operate facility for following Hazardous Waste & E-Waste on the premises situated at Plot No. 87, 88, 89, 90, 91, 92, Sabar Industrial Park Pvt. Ltd, Asal – 383 355, Tal – Bhiloda, Dist – Aravalli.

Sr. No	Waste	Quantity	Schedule-I	Facility
1.	Used Oil	3.5 MT/Year	1- 5.1	collection, storage and used as lubricants purpose within premises or sale to registered recycler.
2.	Discarded Containers/ Drums/Bags	0.6 MT/Year	1- 33.1	Collection, storage, treatment & return back to supplier/ send to authorized Decontaminator.
3.	ETP sludge	05 MT/Year	1- 35.3	Collection, storage, treatment, Transportation & disposal to TSDF site.
4.	Misc. Hazardous residue from E-Waste	05 MT/Year	1- 21.1	Collection, storage, treatment, Transportation & disposal to TSDF site or as per constituent fall under respecting category of Hazardous Waste Management Rules-2016 and disposal method mentioned in the said rules.
5.	Mercury powder from CFL Bulb/ Tube light	200 MT/Year	1- 21.1	Collection, storage, treatment, transportation & disposal to TSDF site after required pre treatment and encapsulated or send to authorized recycler.
6.	Phosphorus Powder from CRT	500 MT/Year	1- 21.1	Collection, storage, treatment, transportation, disposal to TSDF.
7.	Oily Waste	1.5 MT/Year	1- 21.1	Collection, storage, transportation and send to CHWIF site.
8.	Carbon Powder	5 MT/Year	1- 21.1	Collection, storage, transportation

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	from Cartridge			to send to CHWIF Site.
9.	Waste Plastic & Rubber from E-waste processing	8-10 MT/Year	I – 21.1	Collection, storage, transportation & disposal to TSDF site or send to authorized plastic waste recycler or method of disposal as per Plastic Waste Management Rules 2016 and its amendment thereafter
10.	E-Waste processing Nickle/Cadmium/Lithium Battery from E-Waste	5 MT/Year	I – 21.1	Collection, storage, treatment, transportation & disposal to TSDF site after required pre-treatment and encapsulated or send to authorized recycler.
11.	E Waste	7227 MT/Year	Schedule-I	Reception, Collection, Storage, Dismantling, treatment and Recycling in the premises.

- 5.2 The authorization is granted to operate a facility for collection, storage, transportation and ultimate disposal of Hazardous wastes & E-Waste as above.
- 5.3 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.
- 5.4 **The authorization shall be in force for a period of five years (i.e. up to 28/05/2027).**
- 5.5 Any unauthorized change in personnel, equipment or working conditions as mentioned in the authorization order by the persons authorized shall constitute a breach of this authorization.
- 5.6 An application for the renewal of an authorization shall be made as laid down in rule 5 (7) (ii) of Hazardous and other Wastes [Management & Transboundary Movement] Rules – 2016 and rule 13(3)(vi) of E-Waste (Management) Rules – 2016.
- 5.7 Industry shall submit annual report within 15 days and sub quarterly by 31st January every year.
- 5.8 Industry shall have to manage waste oil; discarded containers etc as per the Hazardous and other Wastes Rules 2016 and shall apply Authorization/submit details for all the applicable waste as per the Hazardous and other Wastes Rules 2016 within 15 days.
- 5.9 The person Authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.
- 5.10 The person authorized shall implement Emergency Response Procedure (ERP) for which this authorization is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;

Outward

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- 5.11 The person authorized shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
- 5.12 Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
- 5.13 Annual return shall be filed by June 30th for the period ensuring 31st March of the year.

6 Specific condition under E-Waste (Management) Rules – 2016

- 6.1 Unit shall comply with all condition mentioned EST guidelines & Implementation Guidelines for E-Waste (Management) Rules – 2016 published by CPCB for E-Waste Dismantling/Recycling.
- 6.2 Unit shall not import any waste without obtaining required clearance from MoEF & CC or other authority as specified in Hazardous and other waste (Management & Transboundary Movement) Rules – 2016.
- 6.3 The applicant shall not procure and/or process E-Waste without obtaining registration certificate cum pass book for recycling/dismantling of E-Waste.
- 6.4 Unit shall maintain passbook regularly and submit data of E-Waste procured and processes quarterly and annually to the Board.
- 6.5 Unit shall ensure that the E-Waste collected by them is stored in a secured manner and dismantling/recycling processes are as per the guideline provided by CPCB.
- 6.6 Unit shall ensure that no damage is caused to the environment during storage and transportation of E-Waste
- 6.7 Unit shall file annual return in Form-3 to the SPCB on or before 30th day of June following the financial year to which that return relates and maintain records of the E-Waste handled in Form-2 and make such records available for scrutiny by the SPCB.
- 6.8 Unit shall ensure that the dismantling process do not have any adverse effect on the health and the environment.
- 6.9 Unit shall ensure that non-recyclable/ Non-recoverable components are sent to authorized treatment storage and disposal facilities (TSDF).
- 6.10 Manual shredding, cutting and segregation operations for CRTs should be carried out in vacuum chambers where the dust is extracted through cyclones, bag fitters, ID fan and a suitable chimney. The operators should use gloves fixed to the walls of the vacuum chamber while handling CRTs as per guideline.
- 6.11 Without availability of adequate equipments, unit shall not accept any refrigerators/Ozone depleting substance containing waste in the facility.
- 6.12 The applicant shall provide the facility for destroying or permanently deleting data stored in the member of end of life products (Hard disk, Telephone mobile phone) either through shredding or grinding or through data eraser.
- 6.13 The applicant shall provide magnetic separator to separate ferrous & nonferrous metal.

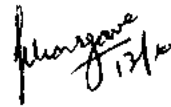
7 GENERAL CONDITIONS:

- 7.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.

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- 7.2 Whenever due to accident or other unforeseen act or ever, 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. Remedial actions/measures shall be implemented immediately to bring situation normal.
- 7.3 In order to enable the Board to perform its functions of ascertaining the standards of effluent laid down by it for the discharge of the effluent under the condition no. 2.3 of the order are complied with by the company while causing discharge of effluent, the applicant shall have to submit every month the analysis report of the samples of effluent got collected and analyzed by one of the laboratories recognized by the state Board.
- 7.4 The Environmental Management unit/cell shall be set up to ensure implementation and monitoring of environmental safeguards and other conditions stipulated by statutory authorities. The Environmental Management cell/unit shall directly report to the Chief Executive of the organization and shall work as a focal point for internalizing environmental issues. These cells/units shall also coordinate the exercise of environmental audit of environmental statements.
- 7.5 The Board reserves the right to review and/or revoke the consent and/or make variations in the conditions, which the Board deems, fit in accordance with Section 27 of the Act.
- 7.6 In case of change of ownership/management the name and address of the new owners/partners/directors/proprietor should immediately be intimated to the Board.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD



(Smt. S. V. Bhargava)
Unit Head - Himmatnagar

NO: GPCB/CCA-SK-308/ID-21581/

Issued to:

M/s E-Coli Waste Management Pvt. Ltd.

Plot No. 87, 88, 89, 90, 91, 92,

Sabar industrial Park Pvt. Ltd,

Asal - 383 355,

Tal - Bhiloda, Dist - Aravalli.

OWNERSHIP NO. 174954/14/06/2022