



GUJARAT POLLUTION CONTROL BOARD

PARYAVARAN BHAVAN, SECTOR 10-A,
GANDHINAGAR - 382010,
(T) 079-23232152

By R.P.A.D.

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 And Transboundary Movement) Rules-2016 framed under the Environment (Protection) Act-1986. This Board is empowered to grant CC&A.

And whereas Board has received consolidated consent application vide No. 225026 Dated: 01/05/2022 for the consolidated consent and authorization (CC & A-Renewal) 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. Unicare E-Waste Recycler,
Plot no: 9/1, Raj Industrial Park-III,
Jarod-Savli Road, Karachiya
Dist: Vadodara- 391520.

1. Consent Order no.: AWH-121184. Date of issue: 03/09/2022.
2. The consent shall be valid up to 31/03/2027 for the use of outlet for the discharge of treated effluent & air emission and to operate industrial plant for manufacture of the following items / products:

Sr. No.	Product	Quantity
1	E-waste Recycling	1500 MT/Annum

3. SPECIFIC CONDITIONS:

- 3.1. Applicant shall not carry out any activity which attracts provisions of Environment Impact Assessment Notification 2006.
- 3.2. Applicant shall obtain prior permission of Ground Water Authority for withdrawal of ground water/use of bore wells. (if applicable)
- 3.3. Management of Solid Waste generated from industrial activities shall be as per Solid Waste Management Rules-2016 (solid waste as defined in Rule-3(46)).
- 3.4. Applicant shall strictly adhere with the guidelines issued by the Central Pollution Control Board, New Delhi for "Environmentally Sound Management of E-waste" time to time.
- 3.5. The Unit shall not carry out any IMPORT or EXPORT of e-waste without obtaining prior permission of MOEF, New Delhi and other competent authority.
- 3.6. You shall have to strictly adhere and comply with the duly notarized undertaking submitted to the Board regarding not to procure / process any waste containing Mercury such as tube lights and CFLs.
- 3.7. Industry shall follow the guideline on "Implementation Guidelines for E-Waste (Management) Rules, 2016".
- 3.8. Unit has to adopt BAT (Best Available Technology available in the country or elsewhere in the world. Unit shall obtain an authorization in accordance with the

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procedure under rule 9 from the SPCB and provide details such as address, telephone numbers/ Help line number, e mail etc.

- 3.9. Unit shall ensure that the waste collected by them is stored in a secured manner and dismantling processes are as per the guideline provided by CPCB for "Implementation Guidelines for E-Waste (Management) Rules, 2016".
- 3.10. Unit shall ensure that no damage is caused to the environment during storage and transportation of e-waste.
- 3.11. 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.
- 3.12. Unit shall ensure that the dismantling process do not have any adverse effect on the health and the environment.
- 3.13. Unit shall ensure that non-recyclable / Non-recoverable components are sent to authorized treatment storage and disposal facilities (TSDF).
- 3.14. Dismantled circuit boards, CRTS, capacitors, batteries, containing PCBs (polychlorinated biphenyls) or PCTs (Polychlorinated terphenyls) etc shall not be stored in open and shall be handled as per guideline of CPCB.
- 3.15. The premises for dismantling operation should fulfil the following requirements:
 - (i) Weather proof roofing and impermeable surface for appropriate areas with appropriate spillage collection facilities, decanters, degasser and degreasers.
 - (ii) Appropriate storage for dissembled spare parts.
 - (iii) Appropriate containers for storage of batteries, capacitors containing PCBs (Polychlorinated biphenyls) or PCTs (Polychlorinated terphenyls),
- 3.16. Manual shredding, cutting, and segregation operations for CRTs should be carried out in vacuum chambers.
- 3.17. Without availability of adequate equipments, unit shall not accept any refrigerators/Ozone depleting substance containing waste in the facility.

4. CONDITION UNDER THE WATER ACT 1974:

- 4.1. The quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations shall be not exceed **4 KI/Day**. The quantity of the industrial effluent to be generated from the manufacturing process and other ancillary industrial operations shall be reused/recycle within the premises. There shall no discharge of any industrial effluent into the environment.
- 4.2. The quantity the domestic wastewater (sewage) shall not exceed **0.25 KI/Day**.
- 4.3. Sewage shall be disposed of through septic tank/soak pit system.

5. CONDITIONS UNDER AIR ACT 1981:

- 5.1. The following shall be used as fuel in.

Sr. No.	Fuel	Quantity
1.	Diesel	20 Lit/hr

- 5.2. The applicant shall install & operate air pollution control system in order to achieve norms prescribed herewith.
- 5.3. The fluc gas emission through stack attached to D. G. Set shall conform to the following standards:

Sr. No.	Stack Attached To	Stack Height	APCM	Parameter	Permissible Limit
1.	DG Set (125 KVA)	As per condition no. 5.10 (a)	Hood, Dust Collector	Particulate Matter SO ₂ NO _x	150 mg/NM ³ 100 ppm 50 ppm



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- 5.4. The process gas emission through stack/vent attached to various reactors, process vessel shall conform to the following standards:

Stack No.	Stack Attached To	Stack Height	APCM	Parameter	Permissible Limit
1	Pulverizes	11 meter	Bag Filter, Cyclone & Dust Collector	Particulate Matter	150 mg/NM ³
1	Metal Recovery Machine	11 meter	Scrubber & water sprinklers	SO ₂ NO _x	100 ppm 50 ppm

- 5.5. There shall be no process gas emission from the manufacturing activities as well as any other ancillary industrial operations.
- 5.6. Stack monitoring facilities like port hole, platform/ladder etc., shall be provided with stacks/vents Chimney in order to facilitate sampling of gases being emitted into the atmosphere.
- 5.7. The concentration of the following parameters in the ambient air within the premises of the industry and a distance of 10 meters from the source) other than the stack/vent) shall not exceed the following levels. Applicant shall comply with the National Ambient Air Quality Standards notified by Central Pollution Control Board, New Delhi time to time under the provision of the Environment (Protection) Act-1986.

Parameter	Permissible Limit Annual	Permissible Limit 24 Hrs. Average
Particulate matter-10 PM10	60Microgram /m ³	100Microgram /m ³
Particulate matter-2.5 PM2.5	40Microgram /m ³	60Microgram /m ³
Sulphur Dioxide	50Microgram /m ³	80Microgram /m ³
Nitrogen Dioxide	40Microgram /m ³	80Microgram /m ³

- 5.8. There shall no any fugitive emission and/or odour pollution due to manufacturing activities and ancillary operations. Adequate measures shall be taken thereof.
- 5.9. 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.
- 5.10. D. G. Set standards:- The flue gas emission through stack attached to D. G. Set shall conform to the following standards.
- The minimum height of stack to be provided with each of the generator set shall be $H = h + 0.2 (KVA)^{1/2}$, where H= Total stack height in meter, h= height of the building in meters where or by the side of which the generator set is installed.
 - Noise from DG set shall be controlled by providing an acoustic enclosure or by treating the room acoustically, at the users end.
 - The acoustic enclosure or acoustic treatment of the room shall be designed for minimum 25 dB (A) insertion loss or for meeting the

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ambient noise standards, whichever is on the higher side (if the actual ambient noise is on the higher side, it may not be possible to check the performance of the acoustic enclosure/ acoustic treatment. Under such circumstances the performance may be checked for noise reduction up to actual ambient noise level, preferably, in the night time). The measurement for insertion loss may be done at different points at 0.5 m from the acoustic enclosure/room, and the averaged.

- d) The D.G. Set shall be provided with proper exhaust muffler with insertion loss of minimum 25 db (A)
- e) All efforts shall be made to bring down the noise level due to the D.G.Set, outside the premises, within the ambient noise requirements by proper siting and control measures.
- f) Installation of a D.G.Set must be strictly in compliance with the recommendations of the D.G.Set manufacturer.
- g) A proper routine and preventive maintenance procedure for the D.G.Set should be set and followed in consultation with the DG Set manufacture which would help prevent noise levels of the DG Set from deteriorating with use.

6. GENERAL CONDITIONS: -

- 6.1 Any change in personnel, equipment or working conditions as mentioned in the consents form/order should immediately be intimated to this Board.
- 6.2 If the products/process falls in SCHEDULE-I or II of the Environmental Audit Scheme, as specified in the order dated 13/3/97 of Hon. High Court in MCA NO.326/97 in SCA No.770/95, the applicant shall also abide by the said scheme.

7. AUTHORIZATION UNDER HAZARDOUS AND OTHER WASTE (MANAGEMENT AND TRANSBOUNDARY MOVEMENT) RULES-2016 FORM-2 (See rule 6(2)).

- 7.1 Number of authorization and date of issue: **AWII-121184** dated: **03/09/2022**.
- 7.2 Reference of application No. 225026 Dated: **01/05/2022**.
- 7.3 **M/s. Unicare E-Waste Recycler**, is hereby granted an authorization based on the enclosed signed inspection report for generation, collection, treatment, storage, transport of hazardous wastes on the premises situated at- Plot no: 9/1, Raj Industrial Park-III, Jarod-Savli Road, Karachiya, Dist: Vadodara- 391520.

7.4. Details of Authorization.

Sr. No	Category of Hazardous waste as per the Schedules	Authorized Mode of disposal	Quantity
1	35.3 – Schedule-I (Chemical Sludge from wastewater treatment)	Generation, Collection, Storage, Transportation and Disposal by sending to approved authorized TSDF having valid CCA of GPCB by use of GPS enable vehicle and xgn generated manifest.	2 MT/Year
2	33.1–Schedule-I (Empty barrels/containers/ liner contaminated with hazardous chemicals/wastes)	Generation, Collection, Storage, Transportation and Disposal by selling to registered /authorized recycler having valid CCA of GPCB & permission under HWM Rule-2016 by use of GPS enable vehicle and xgn generated manifest.	1 MT/Year



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3	5.1- Schedule-I (Used Spent Oil)	Generation, Collection, Storage, Transportation and Disposal by selling to registered /authorized refiner having valid CCA of GPCB & permission under IIWM Rule-2016 by use of GPS enable vehicle and xgn generated manifest.	0.25 MT/Year
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7.4.1 The Authorization shall be valid for a period of 31/03/2027.

7.5 GENERAL CONDITIONS UNDER HAZARDOUS AND OTHER WASTES (M&TM) RULES-2016.

7.5.1 The Authorized person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.

7.5.2 The Authorization or its renewal shall be produced for inspection at the request of an officer Authorized by the State Pollution Control Board.

7.5.3 The person Authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorization.

7.5.4 Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.

7.5.5 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;

7.5.6 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"

7.5.7 It is the duty of the authorized person to take prior permission of the State Pollution Control Board to close down the facility.

7.5.8 The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.

7.5.9 The record of consumption and fate of the imported hazardous and other wastes shall be maintained.

7.5.10 The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilization of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorization.

7.5.11 The importer or exporter shall bear the cost of import or export and mitigation of damages if any.

7.5.12 An application for the renewal of an authorization shall be made as laid down under these Rules.

7.5.13 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.

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7.3.14 Annual return shall be filed by June 30th for the period enclosing 31st March of the year.

7.6 SPECIFIC CONDITIONS UNDER HAZARDOUS AND OTHER WASTES (M&TM) RULES-2016.

- 7.6.1 The authorized actual user of hazardous and other wastes shall maintain records of hazardous and other wastes purchased in a passbook issued by the State Pollution Control Board along with the authorization.
- 7.6.2 Handling user of the hazardous and other wastes is the authorized actual user shall be only after making the entry into the passbook of the actual user.
- 7.6.3 In case of renewal of authorization, a self-certified compliance report in respect of effluent, emission standards and the conditions specified in the authorization for hazardous and other wastes shall be submitted to SPCB.
- 7.6.4 The occupier of the facility shall comply Standard operating procedures/guidelines published by MoEF & CC or CPCB or GPCB form time to time.
- 7.6.5 User shall comply provisions of E-Waste Management Rules-2016.
- 7.6.6 The disposal of Hazardous Waste shall be carried out as per the waste Management hierarchy.

For and on behalf of
Gujarat Pollution Control Board

D.P. Shah
(D.P. Shah)

Senior Environmental Engineer

NO. CPCB/C.A. WRD-1745/11/4986

633072

14/9/2022

Issued to:

M/s. Ummer E-Waste Recycler,
Plot no. 97, Raj Industrial Park-III,
Road No. 6 Road, Kanchana
Dist. Vadodha- 391320.