TELANGANA POLLUTION CONTROL BOARD

Paryavarana Bhavan, A-III, Industrial Estate,
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CONSENT AND HAZARDOUS WASTE AUTHORISATION - RED CATEGORY

Order No: 19/TGPCB/CFO/RRD/RO-RR-I/HO/2026- **Date: 04.06.2026**

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorization under Rule 6 of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

CONSENT under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorization under the provisions of Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016, the rules and orders made there under (hereinafter referred to as 'the Acts', 'the Rules') are granted to:

M/s. Crapbin Recycling Private Limited,
Sy.No.1391/AA/3/2/1/1/2,
Shabad (V&M), Rangareddy District

(Hereinafter referred to as 'the Applicant /Facility') and the facility is authorized to operate the industrial plant to discharge the Effluents from the outlets and the quantity of Emissions per hour from the chimneys, by operating pollution control equipment, hazardous waste generation & disposal and e-waste facility as detailed below:

i) Out lets for Discharge of Effluents:

S.No.	Source	Quantity	Point of Disposal
1.	Domestic	0.5 KLD	Septic tank followed by soak pit
	Total	**0.5 KLD**	

ii) Emissions from chimneys:

S.No.	Source of air pollution	Control equipment
1.	Dust emissions from process areas	Dust extraction system followed by Bag Filter.
2.	DG Set - 25 KVA capacity	Acoustic enclosure and the height of the chimney shall be as per the CPCB norms.
3.	Dismantling Tables - 3 Tables	Suction Hoods connected to dust collector
4.	Compressor Cutting Machine - 360 TPA (0.5Hp Motor for cutting)	Suction hood connected to Bag House Filter
5.	CRT Cutting Machine with control mechanism - 720 TPA	Suction hood connected to Bag House Filter

6.	Component Removing Machine (CRM) - 360 TPA (1 HP motor)	Suction hood connected to Bag House Filter

iii) Authorization No. 19/TGPCB/CFO/RRD/RO-RR-I/HO/2026 **Date: 04.06.2026**

Hazardous Waste Authorization (FORM – II) [See Rule 6 (2)]:

M/s. Crapbin Recycling Private Limited, Sy.No.1391/AA/3/2/1/1/2, Shabad (V&M), Rangareddy District is hereby granted an authorization for generation, collection, storage, transport and disposal of the following wastes with quantities:

S.No.	Source of waste	Capacity	Mode of Disposal
1.	Waste Oil	As Generated	Shall be disposed to authorized recyclers.
2.	Scrap Batteries, CFLs bulbs, Tube Lights, dust from Bag Filter and other materials not fir for recycling.	20 kg/day	Shall be disposed to TSDF for landfill.
3.	Electrical and Electronic equipment for recycling	20 kg/day	Shall be disposed to TSDF.
4.	Municipal Solid Waste	9 kg/day	Sent to Municipal solid waste disposal
5.	Inert waste from e-waste	3 kg/day	Sent to landfill of TSDF

This Consent order and HW Authorization is valid for operating E-waste recycling facility to recovery the Products and capacities as mentioned below:

S.No.	Name of the Products / Line of Activity	Total Quantity
1.	E-Waste Recycling: ITEW- 120 TPA, CEEW- 90 TPA, LSEEW- 20 TPA and EETW- 5 TPA as mentioned in the E-Waste Management Rules, 2022	0.64 TPD (235 TPA)

This order is subject to the provisions of `the Acts' and the Rules' and amendments made there under and further subject to the terms and conditions incorporated in the Schedules A, B & C enclosed to this order.

This combined order of Consents and HW Authorization is valid for a period of up to **31.03.2031.**

Sd/-
MEMBER SECRETARY

Encl: Schedule A, B & C.

To
M/s. Crapbin Recycling Private Limited,
Sy.No.1391/AA/3/2/1/1/2,
Shabad (V&M), Rangareddy District

//T.C.F.B.O.//

SENIOR ENVIRONMENTAL ENGINEER

SCHEDULE – A

1. The facility shall follow the rules & regulations as notified under Water (Prevention & Control of Pollution) Act, 1974, Air (Prevention & Control of Pollution) Act 1981, Environment (Protection) Act, 1986 and Public Liability Insurance Act, 1991 and amendments thereof.

2. The applicant should make application through online for renewal of Consent under Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention & Control of Pollution) Act 1981, Authorization under HWM Rules and Authorization under E-Waste Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts. The applicant can also apply for Auto Renewal of the CFO atleast 30 days before the expiry of this order as per the procedure and eligibility stipulated in the Board Circular dt.19.11.2015 & 08.12.2015 (available in Board's Website: http://tgpcb.cgg.gov.in/Pages/Circulars.aspx).

3. This order is issued in line with CFE order dt.07.01.2024. Concealing the factual data or submission of false information/ fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.

4. The facility shall not change or alter either the quality or the quantity or the rate of the discharge or the route of discharge and should not change or alter either the prescribed quality or the rate of emission without prior approval of the Board. The facility shall immediately submit the revised application for consent to this Board in the event of any change in the building and site specifications, manufacturing process / activity, quantity of trade effluents & quantity of emissions, quantity of waste, etc. The facility shall take prior permission of the Board to close down the facility.

5. In case of any accident, the facility shall report immediately to the Board about the accident through telephone and e-mail under intimation to the Collector and District Magistrate. The facility shall take immediate action to bring down the discharge / emission resulting from accident, below the limits prescribed in this order. The occupier shall implement Emergency preparedness plan for safe handling of hazardous waste to protect human health and environment in case of fire, explosion or release of hazardous waste or hazardous waste constituents. The occupier shall educate the workers and nearby public of possible accidents and remedial measures. The occupier or the transporter as the case may be, shall be held responsible for any accident or spillage of hazardous wastes causing damage to the Environment

6. The facility is liable to pay compensation for any environmental damage caused by it, as fixed by the Hon'ble Courts, Collector and District Magistrate as Civil liability.

7. The facility shall put up two sign boards (6x4 ft. each) at publicly visible places at the main gate. The first sign board should provide information on specific conditions of CFO and Hazardous Waste Authorisation. The second sign board should display waste water, air emissions and solid waste generated within the factory premises. The applicant should exhibit the Consent & HW Authorisation of the Board in the factory premises at a prominent place for the information of the inspecting officers.

8. The facility may explore the possibility of tapping solar energy for their energy requirements.

9. The facility shall comply with the all the directions issued by the Board from time to time.

10. The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of law.

11. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per the State Water Rules, 1976 and Air Rules 1982, to such authority (hereinafter referred to as the Appellate Authority) constituted under Section 28 of the Water (Prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

12. Notwithstanding anything contained in this consent order, the Board hereby reserves the right and powers under Section 27(2) of the Water (Prevention & Control of Pollution) Act, 1974 and under Section 21 of the Air (Prevention & Control of Pollution) Act, 1981 and amendments thereof, to review any and/or all the conditions imposed herein, to modify conditions or stipulate any further conditions and to take action including revocation of this order in the interest of public health and environment.

SCHEDULE – B

1. The source of water is Bore well/Tankers purchase. The water consumption shall not exceed the following:

S.No.	Purpose	Quantity (KLD)
1.	Domestic	1.0 KLD
2.	Gardening/Irrigation	2.0 KLD
	Total	**3.0 KLD**

2. The facility shall provide water meter for recording water consumption for domestic purpose.
3. Water meters shall be maintained for assessing the quantity of water used for process, domestic and greenbelt purpose.
4. The facility shall obtain membership with M/s. TSDF/AFRF facilities for disposal of Hazardous waste.
5. The facility shall carryout recycling by dry process only. The facility shall not carryout hydro, Electro metallurgical operations and chemical leaching processes for recycling of E-Waste.
6. Separate energy meters shall be provided for Air pollution Control equipments to record energy consumed.
7. The facility shall register on the Extended Producer Responsibility (EPR) portal operated by the Central Pollution Control Board (CPCB) and comply with all conditions.
8. **The facility shall ensure procurement and processing of E-Waste in accordance with the installed capacity and maintain records of quantity of E-Waste procured, processed, stored, and disposed. The facility shall ensure channelization of E-Waste through collection centres, bulk consumers, producers, dismantlers, and other entities recognized under the E-Waste Management Rules.**
9. **The facility shall ensure that all collection, storage, transportation, dismantling, and recycling activities are carried out in an environmentally sound manner without causing pollution or nuisance to the surrounding area.**
10. **The facility shall submit details of E-Waste collection centres and awareness programs to the RO by marking to the Head office.**
11. The facility shall not discharge any wastewater outside the plant premises.
12. The facility shall carry out E –Waste recycling activity in closed sheds only.

13. The facility shall send the precious metal recovery to the PCB authorized recyclers until the installation of the Precious metal recovery system and shall maintain the records the same.

14. The facility shall continuously operate scrubber, dust extraction system with bag filters for E-Waste dismantling and recycling area by providing required power back-up. The facility shall regularly carryout monitoring of emissions and maintain records.

15. Noise control arrangements for equipment like crusher, grinder and shredder needs to be provided.

16. Separate energy meter shall be provided and maintain for the dust extraction system with bag filters and record of power consumption shall be maintained.

17. The facility shall comply with ambient air quality standards of PM10 (Particulate Matter size less than 10μm) - 100 μg/ m3; PM2.5 (Particulate Matter size less than 2.5 μm) - 60 μg/ m3; SO2 - 80 μg/ m3; NOx - 80 μg/m3, outside the factory premises at the periphery of the facility and the standards for other parameters as mentioned in the National Ambient Air Quality Standards, CPCB Notification No.B-29016/20/90/PCI-I, dated 18.11.2009. The facility shall comply with the level limits, i.e., Day time - (6 AM to 10 PM) - 75 dB (A) and Night time - (10 PM to 6 AM) - 70 dB (A).

18. The facility shall comply with emission limits for DG sets upto 800 KW as per the Notification G.S.R.520 (E), dated 01.07.2003 under the Environment (Protection) Amendment Rules, 2003 and G.S.R.448(E), dated 12.07.2004 under the Environment (Protection) Second Amendment Rules, 2004.

19. In case of refrigerators and air conditioner, the refrigerant gases such as chlorofluorocarbon (CFCs), hydro chlorofluorocarbons (HCFCs) etc. shall be collected by using gas recovery equipment for their recovery and storage. The refrigerant gases may be re-used or disposed by thermal destruction adopting any of the following options:

    a) By incineration in existing common HW incinerators.
    b) By co-processing in cement kiln
    c) By plasma destruction

20. In case of recycling operations refrigerators and air conditioners, only skilled manpower having adequate tools and personal protective equipments (PPEs) must be deployed to manually separate compressors. Prior to dismantling the compressors, adequate facilities should be provided for recovery of safe collection of refrigerant gases and compressor oils.

21. The premises for recycling operations should fulfill the following requirements:

    a) Weather proof roofing and impermeable surfaces for working areas with spillage collection facilities, decanters, degasser, and degreasers. Spill kits to deal with spillages of oils, fuel and acids should be provided.
    b) Appropriate storage for dissembled spare parts.
    c) Appropriate containers for storage of batteries, capacitors containing PCBs (Polychlorinated biphenyls) or PCTs (Polychlorinated terphenyls). Containers should be clearly labelled to identify their contents.

22. The facility shall develop and maintain green belt along the boundary of the facility.

23. The facility shall maintain good housekeeping.

24. The facility shall ensure that the recycling operations is in accordance with the CPCB guidelines.

25. The facility shall not rent, lend, sell, transfer or otherwise transport the E-Wastes without obtaining prior permission of the Board.

26. The unloading of e-waste/end of life products should be carried out in such a way that there should not be any damage to health, environment and to the product itself. Unloading of Cathode Ray Tubes (CRT), LCD / LED / Plasma TV, refrigerator, air conditioners and fluorescent and other mercury containing lamps should be carried out under supervision in such a way to avoid breakage.

27. The E-waste shall not be stored openly. The facility shall store the raw-material and finished products in closed shed only. During storage of e-waste, the facility shall take measures to avoid damage to refrigerators and air-conditioner; Cathode Ray Tubes; fluorescent and other mercury containing lamps and equipment containing asbestos or ceramic fibres to prevent spillage and emissions.

28. Cathode Ray Tubes (CRT), LCD / LED / Plasma TV and fluorescent and other mercury containing lamps, Dismantled Circuit Boards, Capacitors, Batteries, Capacitors containing PCBs (Polychlorinated biphenyls) or PCTs (Polychlorinated terphenyls) etc., shall be stored either in containers or stored in stable manner to avoid damage or breakage and shall not be stored in open.

29. The facility shall carryout the cutting, and segregation operations for dismantling of CRTs in closed chamber, in low vacuum (650 mm of Hg) and the dust to be extracted through cyclones and bag filters.

30. E-Waste shall not be mixed with any other wastes or discharged into sewerage or other drainage system.

31. The facility shall carry out the E-waste recycling operations activity in scientific manner in closed sheds, to avoid emission of gases / dust particles into the atmosphere. Collection boxes with adequate capacity in sufficient number should be placed near dismantling table for keeping the dismantled components.

32. The facility shall ensure that the collected waste is not stored for more than 180 days. The facility shall not collect any waste other than E-Waste, which leads to automatic cancellation of this authorization with immediate effect.

33. The facility shall maintain and operate weighing bridge / equipment for weighing each delivery received by it and maintain a record in this regard.

34. The facility shall maintain and operate facilities for destroying or permanently deleting data stored in the memory of end of life products (Hard Disk, Telephones, Mobile phones) either through hammering or through data eraser.

35. The facility shall ensure that no damage is caused to the environment during storage and transportation of E-Waste.

36. The facility shall maintain the details of recycled/refurbished materials along with it's quantities.

37. The facility shall provide sufficient storage for Raw material, products of recycling, non-recycling waste, hazardous waste, pollution control equipments, operational control area.

38. Recyclers should maintain material flow record at each stage of processing input and output weight. Recyclers should also maintain records of following non - recyclable / Hazardous Waste materials besides the end products, as the E-waste, as below for ensuring material balance as per the requirement of the

- Other metals such as Tin (Sn), Palladium (Pd), Platinum (Pt), Silver Earth metals if any
- Plastic
- Puff
- Rubber
- Oil

- Refrigerant gases
- Residues of Recycling
- Hazardous Waste generated and its disposed to TSDF facility.

39. End products of recycling are as below as per the CPCB Guildlines:
    - Gold in the form of nuggets
    - Copper in the form of shreds or powder or ingots/bars
    - Aluminum in the form of shreds or powder or ingots
    - Iron in the form of bales or shreds

40. The transportation of e-waste shall be carried out as per the manifest system, giving the details as per Form-6.

41. The facility shall submit compliance report on the conditions stipulated in Schedules A, B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

42. The following rules and regulations notified by the MoE&F, GoI, as amended from time to time, shall be implemented.

    a) Solid and Other Waste Management Rules, 2016.
    b) Construction and Demolition Waste Management Rules, 2016.
    c) Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and its Amendment Rules, 2023
    d) The Plastic Waste Management Rules, 2016.
    e) Battery waste Management Rules, 2022, Amendment Rules, 2023.
    f) E-Waste (Management) Rules, 2022, Amendment Rules, 2023 and 2024.
    g) Bio-Medical Waste Management Rules, 2016 and its Amendment Rules, 2018.

43. Dust collected in bag filters and non-recoverable E-waste shall be disposed to TSDF, Dundigal / AFRF facilities.

44. In case of usage of Ground water the project proponent shall obtain NOC from CGWA within one month from the date of issue of this CFE Order as per MoJS Guidelines dated 24.09.2020 and amendments dated 29.03.2023 thereto and Telangana Gazette No.10 dated 02.06.2023 published on Telangana Ground Water Extraction Rules 2023.

45. The Board reserves the right to revoke/suspend the CFO order in case of violation of any of the stipulated conditions or provisions of the E-Waste (Management) Rules and environmental regulations.

46. The facility shall submit compliance report on the conditions stipulated in Schedules A, B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

SCHEDULE – C
[Rule 6 (2)]
[CONDITIONS OF HAZARDOUS WASTE AUTHORISATION]

1. The facility shall store the generated hazardous waste in closed room until its disposal to TSDF. If MS/HDPE bags or drums are used for storing Hazardous Wastes, these drums / bags should be ensured that they are perfectly sealed.
2. The dust collected in the bag filters and non-recyclable e-waste shall be disposed to TSDF.
3. The facility shall not store hazardous waste for more than 90 days. The facility shall follow online manifest system (maintain 7 copy manifest system in case of any technical problem in the online system) for transportation of waste generated and copies of receipt of Consignee shall be submitted to the Concerned Regional Office.

4. The facility shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal. Waste oils shall be disposed to the authorized Re-processors/ Recyclers and Used Lead Acid Batteries shall be disposed to the manufacturers / dealers / recyclers on buyback basis. The facility shall take necessary practical steps for prevention of oil spillages and carryover of oil from the premises.
5. The facility shall take necessary steps to decontaminate E-Waste and render it non-hazardous by components and materials. Hazardous electronic components such as switches, Poly chlorinated biphenyl (PCBs) etc. shall be recovered and sent to TSDFs for treatment and disposal.
6. Hazardous Wastes shall not be mixed with any other wastes or discharged into sewerage or other drainage system.
7. The project shall maintain proper records of Hazardous Wastes in Form-3 i.e., quantity of incinerable waste, land disposal waste, recyclable waste etc., and file annual returns in Form-4 as per Rules. In case of variation in generation, facility shall obtain necessary amendment in this regard.
8. Packaging, labeling and transportation of Hazardous Wastes should be in accordance with the provisions of the rules issued by the Central Govt. under the Motor Vehicles Act, 1988 and other guidelines issued from time to time. The packaging and labeling should be based on the composition and hazardous constituent of the waste, however all Hazardous Waste containers should be provided with a general label. The transporter should carry a Transport Emergency (TREM) Card (as given in the guidelines for management and handling of hazardous wastes) duly filled by the Hazardous Waste generator.

Sd/-
MEMBER SECRETARY

To
M/s. Crapbin Recycling Private Limited,
Sy.No.1391/AA/3/2/1/1/2,
Shabad (V&M), Rangareddy District.

//T.C.F.B.O//

SENIOR ENVIRONMENTAL ENGINEER