



HARYANA STATE POLLUTION CONTROL BOARD

C-11 Sector-6, Panchkula

Ph - 0172- 577870-73, Fax No. 2581201

Order

The Ministry of Environment & Forests, Govt. of India vide Notification No. S.O. 1035 (E) dated 12.05.2011 has issued the E- Waste (Management & Handling) Rules, 2011 applicable w.e.f 01.05.2012 and authorized the State Pollution Control Boards for grant of registration for recycling and dismantling of E- wastes specified in Schedule -I of the E-Waste (Management & Handling) Rules, 2011.

The applicant desirous of dismantling and recycling of e-waste shall submit the application regarding grant / renewal of registration for recycling / dismantling of E- Waste in Form-4 accompanied with a copy of Consent to establish issued under Water Act, 1974 & Air Act, 1981, certificate for registration from District Industries Centre, proof of installed capacity of plant & machinery issued for processing the e-waste issued by the District Industries Centre, to the concerned Regional Officer of HSPCB alongwith other documents as mentioned in the check list given at **Annexure 'A'**.

After the receipt of complete case, inspection shall be carried out by a team of officers of the Board consisting of Regional Officer and concerned field officer alongwith one AEE / Scientist 'B' of adjoining Region to verify whether the applicant has installed the e-waste processing facility with environmentally sound technologies and possesses adequate technical capacities, requisite facilities and equipment for dismantling / recycling or E- waste and required pollution control measures as per provisions of the said rules and guidelines issued there under by CPCB. The Regional Officer will submit the report on the prescribed format given at **Annexure 'B'** alongwith all original documents submitted by the applicant within 21 days to the Head Office giving definite recommendations for refusal / grant of registration. The cases of registration & authorization under the E-waste (M & H) Rules, 2011 will be dealt by the Branch in Head Office already dealing with the subject of E-waste (M & H), Rules, 2011. The registration shall be issued on the pass book as prescribed by HSPCB or will be refused on the merits of the case after following the due procedure, by the officer incharge in the Head office after taking approval of the Chairman.

The status of all such registrations granted by the Board will be displayed on the website of the Board under the heading "Registered Dismantlers/ Recyclers of Haryana under E-Waste (M & H) Rules, 2011."

The Board in its 168th meeting held on 12.08.2013 vide Agenda Item No. 168.12 (S) approved the above said procedure.

All the concerned shall ensure the compliance of the above said decision of the Board effectively.

Dated Panchkula, the
22nd August, 2013

Vijai Vardhan, IAS
Chairman

Endst No. HSPCB/E-waste/2013/ 2695-2713

Dated: 26/08/13

A copy of the above alongwith annexure is forwarded to the following for information and necessary action.

1. All the Regional Officer in Field. They are directed to submit the cases of registration for recycling / dismantling of e-waste under e-waste (M&H) Rules, 2011 alongwith their verification report on prescribed format given at **Annexure 'B'** alongwith all original documents submitted by the applicant and check list in this regard as given in **Annexure 'A'** after complying the procedure mentioned above.
2. All Officers in Head Office.
3. Environmental Engineer (IT) (HQ). He is requested to upload the above procedure on the website of the Board.

DA/ As above

Sr. Environmental Engineer -I (HQ)
For Chairman

Annexure 'A'

Check list for the documents to be submitted for registration of dismantlers / recyclers of e-waste under E-waste (M&H) Rules, 2011

1. Duly filed up application in form -4 in triplicate.
2. Consent to Establish granted by the Board under water Act, 1974 & Air Act, 1981.
3. Certified copy of registration issued by the District Industries Centre.
4. Proof of Annual installed capacity of plant and machinery for dismantling /recycling of e-waste issued by the District Industries Centre or any other government agency authorized in this behalf.
5. Process flow chart for recycling / dismantling of E- waste.
6. Details of storage facility separately for raw material segregated material, dismantled parts , Hazardous Waste, bag filter residue / floor cleaning dust, ETP sludge, Non recyclable/non removable components etc.
7. Detail of Air Pollution Control Devices (APCDs) installed in the unit along with the diagram and design scheme.
8. Details of Effluent Treatment Plant (ETP) installed in the unit along with diagram and design scheme.
9. Membership & registration with TSDF operator authorized under Hazardous Waste (MH&TM) Rules, 2008 for disposal of hazardous & other wastes.
10. Power of attorney/authority letter to sign the application.
11. Detail of facilities and arrangements provided at the facility for handling, dismantling/recycling of e-waste and Management of Hazardous waste as per provisions of Rules and Guidelines issued by MoEF/CPCB.

Verification report for registration for recycling / dismantling of E- Waste

1. Name of the unit
2. Address of the unit
3. Date of Receipt of application
4. Capital investment cost of the unit
5. Category of E-waste to be processed (as per schedule-1)
6. No. & Date of NOC (Consent to establish)
7. Date of completion of the project
8. Date of inspection
9. Name & designation of the officers conducted inspection
10. Name of the representative of the unit present at the time of inspection
11. The source of E- Waste to be procured
12. Quantity of E- Waste to be reprocessed with detail of reprocessing, i.e
 - i Recycling
 - ii Dismantling.
13. Detail of collection & storage facility for bag filter residue, floor cleaning dust, ETP sludge and other hazardous material.
14. Mode of disposal of Hazardous Waste & Non recyclable / non recoverable components
15. Detail of membership/agreement with TSDF operators for disposal of hazardous waste.
16. Component wise detail of ETP with comments on adequacy.
17. Component wise detail of APCM with comments of adequacy as per CPCB guidelines.
18. Status of Energy meter installed on PCD's :
19. Final mode of disposal of effluent with quantity: Domestic : _____ Trade _____
20. Height of Stacks/chimneys for all sources/APCM.
21. Status of acoustic enclosures on DG sets with stack height
22. Type of operation of dismantling.
(Manual/semi manual/automatic/mechanized)
23. Detail of operations involved in dismantling
24. Detail of segregation operations.
25. Detail of gas recovery equipment & arrangement/facilities for storage , reuse & disposal (for CFCs and HCFCs in case of refrigerator & air conditions).
26. Detail of arrangement for handling /storage disposal of hazardous electronic components such as Hg switches, PCBs etc.
27. Detail of collection boxes with capacity for dismantled components (in case of manual dismantling.)
28. Detail of equipments for use of workers to dismantle e-waste.
29. Detail of hood, ducting, bag dust collectors and chimney (in case of manual dismantling).
30. Detail of bag house & chimney on crusher (in case of mechanized dismantling)
31. Detail of storage facilities for dissembled spare parts with adequacy
32. Detail of containers for storage of batteries and capacitor containing PCBs or PCTs with adequacy.

33. Detail regarding weather proof proofing and impermeable working surfaces and pavements with detail of area and spillage collections facilities, decanters, degassers and degreasers with adequacy report.

34. Detail of storage facility with adequacy.

- i Raw material.
- ii Segregated material.
- iii Dismantled parts.
- iv Dismantling operation
- v Office and other utilities.

35. Detail of specific arrangements made for recycling of CRTs and TVs (as per CPCB guidelines)

36. Other details of arrangements and facilities provided at site as per CPCB guidelines (not covered above)

37. Detail of shortcomings / deficiencies in the facility at site (as per CPCB guidelines).

38. Comments of the team regarding installation of facility for handling, dismantling/recycling of e-waste with Environmental sound technology in environmental sound manner with adequacy of pollution control measures as per provisions of e-waste (M&H) Rules, 2011 & guidelines issued there under by CPCB :

39. Recommendations :

- i. Certified that the applicant is utilizing environmentally sound technologies and possesses adequate technical capacities, requisite facilities and equipment and adequate pollution control measures for dismantling/recycling of e-waste and complying with all the requirements of e-waste (M&H) Rules, 2011 and guidelines issued there under by CPCB.
- ii. Therefore registration to the applicant is recommended for grant. In case the applicant is not complying the above mentioned stipulations then the Regional Officer will issue show cause notice to the unit for the shortcomings of the case, and will give his recommendation on the basis of reply of show cause notice and compliance submitted by the applicant after verifying the facts at site.

(Signature of inspecting officers with name and designations)