

**Procedure for grant of approval for the utilization of hazardous wastes as a supplementary resource or for energy recovery, or after processing under Rule 11 of the HWM Rules, 2008**

Rule 11 of the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008, stipulates that the utilization of hazardous wastes as a supplementary resource or for energy recovery, or after processing shall be carried out by the units only after obtaining approval from the Central Pollution Control Board.

The procedure for granting permission for the cases other than co-processing in cement kilns is proposed below:

1. The applicant desirous to utilize the hazardous wastes after processing or as a supplementary resource or for energy recovery, shall submit the proposal to CPCB (online as well) alongwith the following enclosures :
  - i) Information on the proposed HW utilization as per the format as given at *Annexure – I* alongwith all supporting technical details, process flow sheets, waste characteristics etc. as required.
  - ii) Copy of valid Consent to Establish/Operate under the Air Act & Water Act from the concerned SPCB/PCC.
2. The constitution of the Technical Expert Committee is as below:

1.	Shri R.K. Garg , Former Managing Director, Indian Rare Earths Ltd.	Chairperson
2.	Shri K.P. Nyati	Member
3.	Prof. A.K Nema IIT, Delhi	Member
4.	Shri. M.J Pervez, Group Head & Director (Environment Management), NPC, New Delhi	Member
5.	Director, HSMD, Ministry of Environment & Forests	Member
6.	Representative from Projects & Development India Ltd.(PDIL) , Noida	Member
7.	Representative from State Pollution Control Board	Member
8.	Sh. B. Vinod Babu , Senior Environment Engineer & I/c HWMD, CPCB, Delhi	Member Convener

3. Incomplete applications will be communicated to the applicant and in case of no response within 30days, the application shall be returned with the approval of technical expert committee.
4. Complete applications shall be placed before technical expert committee constituted by CPCB to evaluate environmentally soundness of the proposal. The proponents shall make technical presentation before the committee. For all new waste categories trial run will be conducted.
5. After approval of the recommendations of the technical expert committee by Chairman, Central Board, the individual cases shall be processed accordingly.
6. CPCB shall issue letter to the unit permitting procurement of desired quantity of hazardous wastes as raw material after obtaining permission from the concerned SPCB/PCC.
7. After receipt of permission and procurement of the hazardous wastes, the unit shall inform about their preparedness of carrying out trial run. Trial run shall be carried out by the unit in presence of the CPCB/SPCB officials and monitoring conducted by an EPA recognized NABL accredited laboratory.

8. The concerned Zonal Office shall submit the report on the trial run within 30 days.
9. After receipt of the report on trial run from the Zonal Office, the matter shall be placed before the technical expert committee. The recommendations of the committee shall be approved by the Chairman, Central Board. Based on the approval Division shall process the individual case for further action under Rule 11 of the HWM Rules, 2008.
10. The units which do not respond to CPCB's request for clarifications/documents/trial run may be asked finally to respond within 30 days and in case no response is received within 30 days, the case shall be deemed to be withdrawn by the applicant and the same shall be communicated to the unit and the concerned SPCB.
11. The technical expert committee shall meet when atleast 05 cases have been accumulated or at every two months, whichever is earlier.
12. Rule 11 of the HWM Rules, 2008, does not stipulate validity of the approval to be accorded by the Central Board but the same may be permitted initially for one year with random checks/sampling by CPCB/SPCB twice a year. Based upon the satisfactory results regular permission with 5 years validity limit shall be permitted, proposed as in case of re-processing of HW listed in Schedule- IV as per specified in Rule-8 (Sub rule- 4) of HWM Rules 2008.
13. The application for renewal of approval granted for one year shall be submitted to CPCB at least two months in advance of the expiry. The application shall be submitted along with the self-declared compliance report w.r.t. conditions stipulated by the Central Board in the approval letter. The application shall be forwarded to the respective Zonal Office of the Central Board for verification of the same. The inspection report as received from the Zonal Office along with the recommendations shall be placed before the aforesaid committee for making appropriate recommendations.

**Annexure I**

**Format\* for obtaining approval from the Central Pollution Control Board under the Rule 11 of the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008**

<b>1</b>	<b>General Information</b>	
1.1	Name & Address of the Unit:	
1.2	Contact Person and phone number:	
1.3	Products to be manufactured and quantity (MT/Day):	
<b>2</b>	<b>Details of hazardous waste to be utilized</b>	
2.1	Name & address of hazardous waste generating industry:	
2.2	Name/Type of the hazardous wastes including category (as per the Schedule I) intended for utilization:	
2.4	Detailed characteristics of hazardous waste proposed for utilization:	
2.5	Details of process from which such hazardous waste is generated:	
<b>3</b>	<b>Details of utilization of hazardous wastes</b>	
3.1	Proposed quantity (in MTA) of hazardous waste to be utilized	
3.2	Process details for utilization of hazardous waste and its Flow Diagram:	
3.3	Please attach copy of air consent, water consent and authorization:	
3.4	Base line data including characteristics pertaining to air emissions, waste water generation and other solid wastes including hazardous waste expected to be generated in the proposed utilization process:	
3.5	Material Balance with and without utilizing hazardous wastes, in case the waste is proposed for utilization/co-processing in an already existing process:	
3.6	Details of hazardous waste storage facility and process area facility:	
3.7	Quantity of fuel and/or raw material that are expected to be conserve (in % of raw material replaced) from the proposed utilization:	
3.8	Data including characteristics pertaining to air emissions, waste water generation and other solid wastes including hazardous waste expected to be generated during utilization of hazardous wastes.	
3.9	Details of findings of laboratory/ pilot scale study, international practice etc.	
3.10	Name of the product (to be manufactured from utilization of hazardous waste), if any, its characteristics and where the same will be used and in which process:	

\* To be filled and submitted **in triplicate** by the unit, who desires to utilize hazardous wastes as a supplementary resource or for energy recovery, or after processing.