

CHAPTER II PROCEDURE FOR HANDLING HAZARDOUS WASTES

4. Responsibilities of the occupier for handling of hazardous wastes.—

- (1) The occupier shall be responsible for safe and environmentally sound handling of hazardous wastes generated in his establishment.
- (2) The hazardous wastes generated in the establishment of an occupier shall be sent or sold to a recycler or re-processor or re-user registered or authorized under these rules or shall be disposed of in an authorized disposal facility.
- (3) The hazardous wastes transported from an occupier's establishment to a recycler for recycling or reuse or reprocessing or to an authorized facility for disposal shall be transported in accordance with the provisions of these rules.
- (4) The occupier or any other person acting on his behalf who intends to get his hazardous wastes treated and disposed of by the operator of a Treatment, Storage and Disposal Facility shall give to the operator of a facility, such information as may be determined by the State Pollution Control Board.
- (5) The occupier shall take all adequate steps while handling hazardous wastes to:
 - (i) contain contaminants and prevent accidents and limit their consequences on human beings and the environment; and
 - (ii) provide persons working on the site with the training, equipment and the information necessary to ensure their safety.

5. Grant of authorization for handling hazardous wastes.

- (1) Every person who is engaged in generation, processing, treatment, package, storage, transportation, use, collection, destruction, conversion, offering for sale, transfer or the like of the hazardous waste shall require to obtain an authorization from the State Pollution Control Board.
- (2) The hazardous waste shall be collected, treated, re-cycled, re-processed, stored or disposed of only in such facilities as may be authorized by the State Pollution Control Board for the purpose.

(3) Every person engaged in generation, processing, treatment, package, storage, transportation, use, collection, destruction, conversion, offering for sale, transfer or the like of the hazardous waste or occupier of the facility shall make an application in **Form 1** to the State Pollution Control Board for authorization within a period of sixty days from the date of commencement of these rules:

Provided that any person authorized under the provisions of the Hazardous Waste (Management and Handling) Rules, 1989, prior to the date of coming into force of these rules, shall not require to make an application for authorization till the period of expiry of such authorization.

(4) On receipt of the application complete in all respects for the authorization, the State Pollution Control Board may, after such inquiry as it considers necessary and on being satisfied that the applicant possesses appropriate facilities, technical capabilities and equipment to handle hazardous waste safely, grant within a period of one hundred and twenty days an authorization in **Form 2** to the applicant which shall be valid for a period of five years and shall be subject to such conditions as may be laid down therein.

(5) The State Pollution Control Board may after giving reasonable opportunity of being heard to the applicant refuse to grant any authorization.

(6) Every person authorized under these rules shall maintain the record of hazardous wastes handled by him in **Form 3** and prepare and submit to the State Pollution Control Board, an annual return containing the details specified in **Form 4** on or before the 30th day of June following to the financial year to which that return relates.

(7) An application for the renewal of an authorization shall be made in **Form 1**, before its expiry and the State Pollution Control Board may renew the authorization after examining each case on merit subject to the condition that there has been no report of violation of the provisions of the Act or the rules made thereunder or conditions specified in the authorization.

(8) The occupier or operator of the facility shall take all the steps, wherever required, for reduction and prevention of the waste generated or for recycling or reuse and comply the conditions specified in the authorization.

(9) The State Pollution Control Board shall maintain a register containing particulars of the conditions imposed under these rules for management of hazardous waste, and it shall be open for inspection during office hours to any person interested or affected or a person authorized by him on his behalf.

6. Power to suspend or cancel an authorization.

- (1) The State Pollution Control Board, may, if in its opinion the holder of the authorization has failed to comply with any of the conditions of the authorization or with any provisions of the Act or these rules and after giving him a reasonable opportunity of being heard and after recording reasons thereof in writing cancel or suspend the authorization issued under rule - 4 for such period as it considers necessary in the public interest.
- (2) Upon suspension or cancellation of the authorization the State Pollution Control Board may give directions to the person whose authorization has been suspended or cancelled for the safe storage of the hazardous wastes, and such person shall comply with such directions.

7. Storage of Hazardous Waste.

- (1) The occupiers, recyclers, re-processors, re-users, and operators of facilities may store the hazardous wastes for a period not exceeding ninety days and shall maintain a record of sale, transfer, storage, recycling and reprocessing of such wastes and make these records available for inspection:
Provided that the State Pollution Control Board may extend the said period in following cases, namely:-
 - (i) small generators up to ten tones per annum;
 - (ii) recyclers, re-processors and facility operators up to six months of their annual capacity;
 - (iii) generators who do not have access to any Treatment, Storage, Disposal Facility in the concerned State; or
 - (iv) the waste which needs to be specifically stored for development of a process for its recycling, reuse.

CHAPTER - III

PROCEDURE FOR RECYCLING , REPROCESSING OR REUSE OF HAZARDOUS WASTES

8. Procedure for grant of registration :

- (1) Every person desirous of recycling or reprocessing the hazardous waste specified in Schedule -IV may make an application in **Form 5** accompanied with a copy each of the following documents for the grant or renewal of the registration:-
 - (a) consent to establish granted by the State Pollution Control Board under the Water (Prevention and Control of Pollution) Act, 1974 (25 of 1974) and the Air (Prevention and Control of Pollution) Act, 1981(21 of 1981);

- (b) certificate of registration issued by the District Industries Centre or any other government agency authorised in this regard;
 - (c) proof of installed capacity of plant and machinery issued by the District Industries Centre or any other government agency authorised in this behalf; and
 - (d) in case of renewal, certificate of compliance of effluent, emission standards and treatment and disposal of hazardous wastes, as applicable, from the State Pollution Control Board or the Concerned Zonal Office of Central Pollution Control Board.
- (2) The Central Pollution Control Board, on being satisfied that the applicant is utilizing environmentally sound technologies and possesses adequate technical capabilities, requisite facilities, and equipment to recycle, reprocess or reuse hazardous wastes, may grant registration to such applicants stipulating therein necessary conditions for carrying out safe operations in the authorized place only.
- (3) The Central Pollution Control Board shall dispose of the application for registration within a period of one hundred twenty days from the date of the receipt of such application complete in all respects.
- (4) The registration, issued under sub-rule (2) shall be valid for a period of five years from the date of its issue, unless the operation is discontinued by the unit or the registration is suspended or cancelled by the Central Pollution Control Board.
- (5) The Central Pollution Control Board may cancel or suspend the registration granted under these rules, if it has reasons to believe that the recycler or re-processor has failed to comply with any of the conditions of the registration, or with any provision of the Act or rules made thereunder.
- (6) The Central Pollution Control Board may after giving a reasonable opportunity of being heard to the applicant, by order, refuse to grant or renew the registration.
- (7) The recycler or re-processor shall maintain records of hazardous wastes purchased and processed and shall file an annual return of its activities of previous year in Form 6 to the State Pollution Control Board, on or before the 30th day of June of every year.

9. Conditions for sale or transfer of Hazardous Wastes for recycling.-

The occupier generating the hazardous wastes specified in Schedule-IV may sell it only to the recycler having a valid registration from the Central Pollution Control Board for recycling or recovery.

10. Standards for recycling.-

The Central Government and Central Pollution Control Board may issue the guidelines for standards of performance for recycling processes from time to time.

11. Utilization of hazardous wastes.-

The utilisation 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.

CHAPTER IV IMPORT AND EXPORT OF HAZARDOUS WASTES

12. Import and export (transboundary movement) of hazardous wastes.-

The Ministry of Environment and Forests shall be the nodal Ministry to deal with the trans-boundary movement of the hazardous wastes and to grant permission for transit of the hazardous wastes through any part of India.

13. Import and export of hazardous wastes. -

(1) No import of the hazardous wastes from any country to India for disposal shall be permitted.

(2) The import of Hazardous Waste from any country shall be permitted only for the recycling or recovery or reuse.

(3) The export of hazardous wastes from India may be allowed to an actual user of the wastes or operator of a disposal facility with the Prior Informed Consent of the importing country to ensure environmentally sound management of the hazardous waste in question.

(4) No import or export of the hazardous wastes specified in Schedule -VI shall be permitted.

14. Import or export of Hazardous Waste for recycling, recovery and reuses.-

(1) The import and export of the hazardous wastes specified in Schedule – III, shall be regulated in accordance with the conditions laid down in the said schedule:

(2) Subject to the provisions contained in sub-rule (1), -

(i) the import or export of the Hazardous wastes specified in Part A of Schedule – III shall require Prior Informed Consent of the country from where it is imported or exported to, and shall require the license from the Directorate General of Foreign Trade and the prior written permission of the Central Government;

(ii) the import of the hazardous wastes specified in Part B of Schedule III shall not require Prior Informed Consent of the country from where it is imported;

(iii) the import and export of the hazardous wastes not specified in Part A and Part B of Schedule III but having the hazardous characteristics outlined in Part C of the said Schedule shall require the prior written permission of the Central Government, before it is imported into or exported from India, as the case may be.

15. Procedure for export of Hazardous Wastes from India.-

(1) Any person intending to export hazardous wastes specified in Schedule-III shall apply in **Form 7** and **Form 8** along with full cover insurance policy for consignment to the Central Government for the proposed transboundary movement of the hazardous wastes together with the Prior Informed Consent in writing from the importing country.

(2) On receipt of such application, the Central Government may give a 'No Objection Certificate' for the proposed export within a period of sixty days from the date of submission of the application and may impose conditions as it may consider necessary.

(3) The Central Government, shall forward a copy of the 'No Objection Certificate' granted under sub-rule (2), to the Central Pollution Control Board, the concerned State Pollution Control Board and the concerned Port and Customs authorities for ensuring compliance of the conditions, if any, of the export and to take appropriate steps for the safe handling of the waste shipment.

(4) The exporter shall ensure that no consignment is shipped before the 'No Objection Certificate' is received from the importing country.

(5) The exporter shall also ensure that the shipment is accompanied with the Movement Document in **Form 9**.

(6) The exporter shall inform the Ministry of Environment and Forest upon completion of the trans-boundary movement.

(7) The exporter of the hazardous wastes shall maintain the records of the hazardous wastes exported by him in Form 10 and the record so maintained shall be available for inspection..

16. Procedure for import of Hazardous Waste -

(1) A person intending to import or transit for trans-boundary movement of hazardous wastes specified in Schedule-III shall apply in Form 7 and Form 8 to the Central Government of the proposed import wherever applicable, together with the Prior Informed Consent, which ever applicable and shall send a copy of the application, simultaneously, to the concerned State Pollution Control Board to enable them to send their comments and observations, if any, to the Ministry of Environment and Forests within a period of thirty days.

(2) On receipt of the application in complete, the Ministry of Environment and Forests shall examine the application considering the comments and observations, if any, received from the State Pollution Control Boards, and may grant the permission for import within a period of sixty days subject to the condition that the importer has -

- (i) the environmentally sound recycling, recovery or reuse facilities;
- (ii) adequate facilities and arrangement for treatment and disposal of wastes generated; and
- (iii) a valid registration from the Central Pollution Control Board and a proof of being an actual user, if required under these rules.

(3) The Ministry of Environment and Forests shall forward a copy of the permission granted under sub-rule (2) to the Central Pollution Control Board, the concerned State Pollution Control Board and the concerned Port and Customs authorities for ensuring compliance of the conditions of imports and safe handling of the hazardous waste.

(4) The Ministry of Environment and Forests shall communicate the permission to the importer.

(5) The Port and Customs authorities shall ensure that shipment is accompanied by the Movement Document in Form 9 and the test report of analysis of the hazardous waste consignment in question, from a laboratory accredited by the exporting country.

(6) The Customs authority shall collect three randomly drawn samples of the consignment (prior to clearing the consignment as per the provisions laid down under the Customs Act, 1962) for analysis and retain the report for a period of two years, in order to ensure that in the event of any dispute, as to whether the consignment conforms or not to the declaration made in the application and Movement Document.

(7) The importer of the hazardous waste shall maintain records of the hazardous waste imported by him in Form 10 and the record so maintained shall be available for inspection.

(8) The importer shall also inform the concerned State Pollution Control Board and the Central Pollution Control Board, the date and time of the arrival of the consignment of the hazardous waste ten days in advance.

17. **Illegal Traffic.—**

(1) The export and import of hazardous wastes from and into India shall be deemed illegal if-

- (i) it is without permission of the Central Government in accordance with these rules, or
- (ii) the permission has been obtained through falsification, mis-representation or fraud; or
- (iii) it does not conform to the shipping details provided in the movement documents; or
- (iv) it results in deliberate disposal (i.e., dumping) of hazardous wastes in contravention of the Basel Convention and of general principles of International or National Law.

(2) In case of illegal import of the hazardous wastes, the importer shall re-export the waste in question at his cost within a period of ninety days from the date of its arrival into India and its implementation will be ensured by the concerned State Pollution Control Board.

CHAPTER - V

TREATMENT, STORAGE AND DISPOSAL FACILITY FOR HAZARDOUS WASTES

18. **Treatment, Storage and Disposal Facility for hazardous wastes.-**

(1) The State Government, occupier, operator of a facility or any association of occupiers shall individually or jointly or severally be responsible for, and identify sites for establishing the facility for treatment, storage and disposal of the hazardous wastes in the State.

(2) The operator of common facility or occupier of a captive facility, shall design and set up the Treatment, Storage and Disposal Facility as per technical guidelines issued by the Central Pollution Control Board in this regard from time to time and shall obtain approval from the State Pollution Control Board for design and layout in this regard from time to time.

- (3) The State Pollution Control Board shall monitor the setting up and operation of the Treatment, Storage and Disposal Facilities regularly.
- (4) The operator of the Treatment, Storage and Disposal Facility shall be responsible for safe and environmentally sound operation of the Treatment, the Storage and Disposal Facility and its closure and post closure phase, as per guidelines issued by the Central Pollution Control Board from time to time.
- (5) The operator of the Treatment, Storage and Disposal Facility shall maintain records of hazardous wastes handled by him in Form 10.

CHAPTER - VI

PACKAGING, LABELLING, AND TRANSPORT OF HAZARDOUS WASTE .

19. Packaging and labeling.-

(1) The occupier or operator of the Treatment, Storage and Disposal Facility or recycler shall ensure that the hazardous waste are packaged and labeled, based on the composition in a manner suitable for safe handling, storage and transport as per the guidelines issued by the Central Pollution Control Board from time to time.

(2) The labeling and packaging shall be easily visible and be able to withstand physical conditions and climatic factors.

20. Transportation of Hazardous waste.-

(1) The transport of the hazardous wastes shall be in accordance with the provisions of these rules and the rules made by the Central Government under the Motor Vehicles Act, 1988 and other guidelines issued from time to time in this regard.

(2) The occupier shall provide the transporter with the relevant information in Form 11, regarding the hazardous nature of the wastes and measures to be taken in case of an emergency and shall mark the hazardous wastes containers as per Form 12.

(3) In case of transport of hazardous wastes for final disposal to a facility for treatment, storage and disposal existing in a State other than the State where the hazardous waste is generated, the occupier shall obtain 'No Objection Certificate' from the State Pollution Control Board of both the States.

(4) In case of transportation of hazardous wastes through a State other than the State of origin or destination, the occupier shall intimate the concerned State Pollution Control Boards before he hands over the hazardous wastes to the transporter.

21. Manifest system (Movement Document to be used within the country).-

(1) The occupier shall prepare six copies of the manifest in **Form 13** comprising of colour code indicated below and all six copies shall be signed by the transporter:

Copy number with colour code (1)	Purpose (2)
Copy 1 (White)	To be forwarded by the occupier to the State Pollution Control Board or Committee.
Copy 2 (Yellow)	To be carried by the occupier after taking signature on it from the transporter and the rest of the four copies to be carried by the transporter.
Copy 3 (pink)	To be retained by the operator of the facility after signature.
Copy 4 (orange)	To be returned to the transporter by the operator of facility/recycler after accepting waste.
Copy 5 (green)	To be returned by the operator of the facility to State Pollution Control Board/Committee after treatment and disposal of wastes.
Copy 6 (blue)	To be returned by the operator of the facility to the occupier after treatment and disposal of hazardous materials/wastes.

(2) The occupier shall forward copy 1 (white) to the State Pollution Control Board, and in case the hazardous wastes is likely to be transported through any transit State, the occupier shall prepare an additional copy each for intimation to such State and forward the same to the concerned State Pollution Control Board before he hands over the hazardous wastes to the transporter.

(3) No transporter shall accept hazardous wastes from an occupier for transport unless it is accompanied by copies 3 to 6 of the manifest.

(4) The transporter shall submit copies 3 to 6 of the manifest duly signed with date to the operator of the facility along with the waste consignment.

(5) Operator of the facility upon completion of treatment and disposal operations of the hazardous wastes shall forward copy 5 (green) to the State Pollution Control Board and copy 6 (blue) to the occupier and the copy 3 (pink) shall be retained by the operator of the facility.

CHAPTER VII MISCELLANEOUS

22. Records and returns.-

(1) The occupier generating hazardous wastes and operator of the facility for disposal of hazardous waste shall maintain records of such operations in **Form 3**.

(2) The occupier and operator of a facility shall send annual returns to the State Pollution Control Board in **Form 4**.

(3) The State Pollution Control Board shall prepare an inventory of the hazardous wastes within its jurisdiction and compile other related information like recycling of the hazardous wastes and treatment and disposal of the hazardous wastes based on the returns filed by respective occupier and operator of the facility.

23. Responsibility of Authorities.-The Authority specified in column 2 of the Schedule VII shall perform the duties as specified in column 3 of the Schedule subject to the provisions of these rules.

24. Accident reporting and follow-up.- Where an accident occurs at the facility or on a hazardous waste site or during transportation of the hazardous waste, the occupier or operator of the facility or the transporter, as the case may be, shall report immediately to the State Pollution Control Board about the accident in **Form 14**.

25. Liability of occupier, transporter, operator of a facility and importer.-

(1) The occupier, importer, transporter and operator of the facility shall be liable for all damages caused to the environment or third party due to improper handling of the hazardous wastes or disposal of the hazardous wastes.

(2) The occupier and the operator of the facility shall be liable to pay financial penalties as levied for any violation of the provisions under these rules by the State Pollution Control Board with the prior approval of the Central Pollution Control Board.