

Hazardous Waste Form

Form – 1

[See rules 3(2), 5(2) (3) and (6) (ii)]

Application for Obtaining Authorization for Collection/ reception/ Treatment/ Transports/ Storage/ Disposal of Hazardous Waste*

From:
.....
.....

To
The Member Secretary,
.....Pollution Control Board,
.....
.....

Sir,

I / We hereby apply for authorization. / renewal of authorization under sub-rule (2) and (3) and clause (ii) of sub-rule (6) of rule 5 of the Hazardous Wastes (Management and Handling) Rules, 1989 for collection / reception / treatment / transport/ storage / disposal of hazardous wastes.

For Office Use Only

5. Code No. :
6 Whether the unit is situated in a critically polluted area as identified by Ministry of Environment and Forests;

To be filled in by Applicant

Part – A: General

3. (a) Name and address of the unit and location of facility
(b) Authorization required for (Please tick mark appropriate activity / activities.)
- (i) Collection
 - (ii) Reception
 - (iii) Treatment
 - (iv) Transport
 - (v) Storage
 - (vi) Disposal

- (C) In case of renewal of authorization previous authorization number and date
-

*delete whichever is not applicable

4. (a) Whether the unit is generating hazardous waste as defined in the Hazardous wastes (Management and Handling) Rules, 1989 and amendments made there under:
(b) If so the type and quantity of wastes
5. (a) Total capital invested on the project :
(b) Year of commencement of production:
(c) Whether the industry works general/ 2 shifts/ round the clock:
6. (a) List and quantum of products and by-products :
(b) List and quantum of raw material used:
7. Furnish a flow diagram of manufacturing process showing input and output and in terms of products and waste generated including for captive power generation and demineralised water.

Part – B: Sewage and Trade Effluent

5. Quantity and source of water for :
 - (a) Cooling m^3 / d
 - (b) Process m^3 / d
 - (c) Domestic use m^3 / d
 - (d) Others m^3 / d
9. Sewage and trade effluent discharge;
 - (a) Quantum of discharge m^3 / d :
 - (b) Is there any effluent treatment plant:
 - (c) If yes, a brief description of unit operations with capacity :
 - (d) Characteristics of final effluent :
pH
Suspended solids
Dissolved solids
Chemical Oxygen Demand (COD)
Biochemical Oxygen Demand ^a[($BOD_5 / 20^\circ C$) / $BOD_3 / 27^\circ C$]
Oil and grease
(additional parameters as specified by the concerned Pollution Control Board)
 - (e) Mode of disposal and final discharge point :
(Enclose map showing discharge point):
 - (f) Parameters and Frequency of self monitoring :
[*] Red BOD (3 days at $27^\circ C$)

Part – C: Stack (Chimney) and Vent Emissions

10. (a) Number of stack and vents with height and dia (m) :
(b) Quality and quantity of stack emission from each of the above stacks- particulate matter and Sulphar dioxide (SO₂) (Additional parameters as specified by the concerned Pollution Control Board) :
(c) A brief account of the air pollution control board unit to deal with the emission:
(d) Parameters and Frequency of self monitoring :

Part – D: Hazardous Waste

11. Hazardous Waste:
(a) Type of hazardous wastes generated as defined under the Hazardous Wastes (Management and Handling) Rule, 1989:
(b) Quantum of hazardous waste generated:
(c) Mode of storage within the plant, method of disposal and capacity:
- 12 (a) Hazardous Chemicals as defined under the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989).
(b) Whether any isolated storage is involved (if yes, attach details) Yes / No.

Part – E Treatment, Storage and Disposal Facility

13. Details proposal of the facility (to be attached) to include:
- (i) Location of site (provide map).
 - (i) Name of waste processing technology.
 - (ii) Details of processing technology.
 - (iii) Type and Quantity of waste to be processed per day.
 - (iv) Site clearance (from local authority, if any).
 - (v) Utilization programme for waste processed (Product Utilization).
 - (vi) Method of disposal (details in brief be given).
 - (vii) Quantity of waste to be disposal per day.
 - (viii) Nature and composition of waste.
 - (ix) Methodology and operational details of land filling / incineration.
 - (x) Measures to be taken for prevention and control of environmental pollution including treatment of leachates.
 - (xi) Investment on Project and expected returns.
 - (xii) Measures to be taken for safety of workers working in the plant.

Place:

Signature:

Date:

Designation:

17. In the said rules, for Form 4, the following Form shall be substituted, namely: -

Form -4

[See rule 9 (2)]

Form For Filling Return Regarding Handling Of Hazardous Wastes

[To be submitted to the State Pollution Control Board / Committee by 31st January of every year]

1. Name and address of the Occupier / Operator of Facility:
2. Categories of waste generated and quantity (in metric tones):
3. Details of waste treatment operations:
4. Details of waste disposal operations:

S.No. Description of Hazardous Waste																		
1	Date of issuance of authorization for the disposal of hazardous waste and its reference number	2	Physical form and contents	3	Chemical form	4	Total Volume of the hazardous waste disposed with no. of packages	5	Mode transportation to the site of disposal	6	Site of disposal (attach a sketch showing the location(s) of disposal)	7	Brief description of the method of disposal	8	Date of disposal	9	Remarks (if any)	10

5. Details of environmental surveillance:

Date of Analysis of ground water samples Analysis of soil samples Analysis of air sampling Analysis of any other
 Measurement Location of Dept of Data Location of Dept of Data Location of
 of Data Samples (give) Details)
 Sampling Sampling Sampling Sampling Sampling

Place: Signature:

Date: Designation:

18. In the said rules, after 10, the following Form shall be inserted, namely: -

"Form – 11

[See rule 19(2) and 19 (6)]

Form of application for Grant / renewal of Registration of Industrial Units Possessing Environmentally Sound Management Facilities for Recycling/ Re-Refining Non-Ferrous Metal Waste / Used Oil/ Waste Oil *

{To be submitted to the Central Pollution Control Board in triplicate}

1	Name and address of the unit	
2	Name of the occupied or owner of the unit with designation, Tel / Fax	
3	Date of commissioning of the unit	
4	No. of workers (including contract laborers)	
5	Consent Validity	Air (Prevention and Control of Pollution) Act, 1981 Valid up to Water (Prevention and Control of Pollution) Act, 1974 Valid up to
6	Authrisation under Rule 5 of the HW (M&H) Rules, 1989.	Valid up to
7	Product Manufactured during the last three years (Tonnes / Yes) Name a) b) c)	
8	Raw materials consumption during last three years	

	(Tonnes / yes) Name a) b) c)	
9	Manufacturing Process	Please attach manufacturing process flow diagram for each product (s)
10	Water Consumption	Industrialm3 /day Domesticm3 /day
11	Water Cess paid up to	
12	Waste water generation a. as per consent m ³ /day b. actual m ³ /day (average of last three months)	Industrial Domestic
13	Waste water treatment (please provide flow diagram of the treatment scheme)	Industrial Domestic
14	Waste water discharge	Quantity m ³ /day Location <u>Analysis of treated waste water</u> pH, BOD, COD, SS, O&G Any other
15	Air Pollution Control a. Please provide flow diagram for emission control system (s) installed for process unit, utilities etc. b. Details of facilities provided control of fugitive emission due to material handling, process, utilities etc. Fuel consumption Stack emission monitoring results Ambient air quality	S.No Name quantity D/ M No. Stack <u>Emission mg/ Nm</u> Attach to PM SO ₂ Metals (pb. Zn.) S.No. Location <u>parameter mg / m</u> SO ₂ , NO _x , SPM, Pb, any others
16	Hazardous waste management a. Waste generation b. Details on collection, treatment and transport c. Disposal (i) Please furnish details of the disposal facilities (ii) Whether facilities provided are in compliance with the condition laid down in the authorization granted under rule 5 by the State Pollution Control Board (iii) Please attach analysis report of characteristic of hazardous waste generated (including	S. No. Name Category Quantity (last 3 years)

	leachate test if applicable)	
17	Details of waste proposed to be acquired through auction / negotiation / contract or import as the case may be for use as raw materials.	1. Name 2. Quantity required per year 3. Waste listing & No. in Annex VII (list A)/ Annex IX (List B) of Basel Convention (BC) 4. Hazardous Characteristic as per Annex III of (BC).
18	Occupational safety and Health aspects	Please provide details of facilities provided
19	Any other Information I) II) III)	Yes / No. Yes / No. Yes / No. Yes / No. Yes / No.
20	List of enclosures as per rule 19(2)	

Date:

Signature of applicant:

Place:

Designation: