

	(b) List and quantum of raw materials used	
7	Furnish a flow diagram of manufacturing process showing input and output in terms of products and waste generated including for captive power generation and demineralised water:	
	PART - B: HAZARDOUS WASTE	
8	Hazardous Wastes:	⇒
	a. Whether the unit is generating hazardous waste as defined in the Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008 and amendments made there-under	⇒
	b. Quantum of hazardous waste generated:	⇒
	c. Sources and Wastes Characteristics (Also indicate wastes amenable to recycling, reprocessing and reuse):	⇒
	d. Mode of storage within the plant, method of disposal and capacity (provide details):	
9	Hazardous Wastes generated as per the Rules from Storage of Hazardous Chemicals as defined under the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989 :	⇒
	PART - C: TREATMENT, STORAGE & DISPOSAL FACILITY	
10	Detailed proposal of the facility (to be attached) to include:	
	1. Location of site (provide map)	
	2. Name of waste processing technology	
	3. Details of processing technology	
	4. Type and Quantity of waste to be processed per day	
	5. Site clearance (from local authority, if any)	
	6. Utilization programme for waste processed (Product Utilization)	
	7. Method of disposal (details in brief be given)	
	8. Quantity of waste to be disposed per day	
	9. Nature and composition of waste	
	10. Methodology and operational details of land-filling/ incineration	

	11. Measures to be taken for prevention and control of environmental pollution including treatment of leachates	
	12. Investment on Project and expected returns	
	13. Measures to be taken for safety of workers working in the plant	
Place:		Signature:
Date:		Designation:

FORM 3
[See rule 5 (6), and 22 (1)]

**FORMAT FOR MAINTAINING RECORDS OF HAZARDOUS WASTES
BY THE OCCUPIER OR OPERATOR AT THE FACILITY**

1. Name and address of the occupier or operator of a facility:
2. Date of issuance of authorisation and its reference number:
3. Description of hazardous waste:

Physical form with description	Chemical form	Total volume (m ³) and weight (in kg)

4. Description of storage and treatment of hazardous waste:

Date	Method of storage of hazardous wastes	Date	Method of treatment of hazardous wastes

5. Details of transportation of hazardous waste:

Name and address of the consignee of package	Mode of packing of the waste for transportation	Mode of transportation to site of disposal	Date of transportation

6. Details of disposal of hazardous waste:

Date of disposal	Concentration of hazardous material in the final waste form	Site of disposal (identify the location on the relevant layout drawing for reference)	Method of disposal	Persons involved in disposal

7. Data on environmental surveillance:

Date of measurement	Analysis of ground water			Analysis of soil samples			Analysis of air sampling		Analysis of any other samples (give details)
	Location of sampling	Depth of sampling	Data	Location of sampling	Depth of sampling	Data	Location of sampling	Data	

8. Details of hazardous wastes sold/ auctioned to the recyclers or re-processors or re-users.

9. Details of the Hazardous wastes reused and recycled:

Date	Total quantity of hazardous waste generated	Details of hazardous wastes minimization activity	Material received	Final quantity of waste generated	Net reduction in waste generation quantity and percentage

Date:

Signature and signature of Head of Facility

Place:

FORM - 5
[See rule 8 (1)]

**GRANT/ RENEWAL OF REGISTRATION OF INDUSTRIAL UNITS PROCESSING
ENVIRONMENTALLY SOUND MANAGEMENT FACILITIES
FOR REPROCESSING/ RECYCLING**

[To be submitted to the Central Pollution Control Board in triplicate by the Re-processor/
Recycler]

1.	Name and Address of Unit	:			
2.	Name of the occupier or owner of the unit with designation, Telephone and Fax Nos.	:			
3.	Date of commissioning of the unit	:			
4.	No. of workers (including contract labourers)	:			
5.	Consent Validity	:	Water (Prevention & Control of Pollution) Act, 1974 Valid up to Air (Prevention & Control of Pollution) Act, 1981 Valid up to		
6.	Product Manufactured during the last three years (Tonnes/ Year)	:	Year	Name of the Product	Quantity in Metric Tonnes or KL
7.	Raw Material consumption during last three years (Tonnes/ Year)	:	Year	Name of the Product	Quantity in Metric Tonnes or KL
8.	Manufacturing Process [please attach manufacturing process flow diagram for each product(s)]	:			

9.	Water Consumption	:	Industrial	m ³ / day
			Domestic	m ³ / day
10.	Water Cess paid to (date)	:		
11.	Waste water generation as per consent _____ m ³ / day	:	Industrial/ Domestic Actual _____ m ³ / day (avg. of last 3 months)	
12.	Waste water treatment (provide flow diagram of the treatment scheme)	:	Industrial: Domestic:	
13.	Waster water discharge	:	Quantity:	
			Location:	
			Analysis of treated wastewater for parameters such as pH, BOD, COD, SS, O&G, and any other as stipulated by the SPCB/PCC (attach details)	
14.	Air Pollution Control	:		
a	Flow diagram for emission control system(s) installed for each process unit, utilities etc.	:		
b	Details of facilities provided control of fugitive emission due to material handling, process, utilities etc.	:		
c	Fuel Consumption	:	Name of Fuel	Quantity per Day/ Month
			a	
			b	
d	Stack emission monitoring results	:	Stack attached to	Emissions (for SPM, SO ₂ , NO _x and Metals (like Pb etc.) in particulates in mg/Nm ³
e	Ambient Air Quality	:	Ambient Air Quality Location	Parameters (SPM, SO ₂ , NO _x , Pb any other) in µg/m ³

15.	Hazardous Waste Management	:				
a	Waste generation	:	Sr. No.	Name	Category	Quantity (last 3 years)
b	Details on collection, treatment and transport	:				
c	Disposal	:				
i	Please attach details of the disposal facilities	:				
ii	Please attach analysis report of characterization of hazardous waste generation (including leachate test if applicable)	:				
16.	Details of hazardous wastes proposed to be acquired through sale/ negotiation/ contract or import as the case may be for use as raw material	:	1	Name:		
			2	Quantity required per year:		
			3	Waste listing and No. in Annex VIII (List A)/ Annex IX (List B) of Basel Convention (BC)		
			4	Hazardous Characteristic as per Annex III of BC		
17.	Occupational safety and Health aspects (please provide details of facilities provided)	:				
18.	Remarks	:				
i	Whether industry has provided adequate pollution control system/ equipment to meet the standards of emission/ effluent	:	Yes/ No			
ii	Whether HW Collection, Treatment, Storage and Disposal Facility (TSDF) are operating satisfactorily.	:	Yes/ No			
iii	Whether conditions exists or likely to exists of the hazardous waste being handled/ processed of posing immediate or delayed adverse impacts on the Environment.	:	Yes/ No			

iv	Whether conditions exists or is likely to exists of the wastes being handled/ processed by any means capable of yielding another material eg, leachate which may possess eco-toxicity.	:	Yes/ No
19.	Any other Information	:	
20.	List of enclosures as per rule	:	

Place:

Signature:

Date:

Designation:

FORM 6
[see rule 8 (7)]

**FORM FOR FILLING ANNUAL RETURNS & RECORDS ON RECYCLABLE
HAZAROUDS WASTES BY THE RECYCLERS**

1	Name and Address of the recycler	:			
2	Name of the authorized person and full address with telephone and fax numbers	:			
3	Installed annual capacity to recycle or dispose the hazardous wastes (in MTA)	:			
4	Quantity hazardous wastes (in MTA) purchased/ sold	:	Type of wastes	Source of purchase/ sold	Quantity (in MTA)
5	Quantity of hazardous wastes processed	:	Type of wastes processed	Quantity (in MTA)	
6	Quantity and type of material recovered (in MTA)	:	Type of material recovered	Quantity (in MTA)	
7	Quantity of useful materials sent back to the generators/ manufacturers* and others	:	Name and type of material sent back to	Quantity (in Tonnes/ KL)	
			Manufactures*		
			Others#		
8	Quantity of hazardous waste generated (in MTA) and its disposal methods	:	Type of wastes	Quantity (in MTA)	Method of Disposal

* delete whichever is not applicable

enclosed list of other agencies

Place:

Signature:

Date:

Designation:

FORM – 10
[See rule 15 (7) and 16 (7)]

**FORMATE FOR MAINTINING RECORDS
OF HAZARDOUS WASTE IMPORTED AND EXPORTED**

1.	Name and Address of the Importer/ Exporter					
2.	Date and reference number of issuance of permission to import/ export hazardous wastes					
3.	Description of hazardous waste :					
Sr. No.	Dates of Import/ Export & relevant consignment numbers	Origin/ Destination of waste	Total volume and weight (in Kg)	Physical Form	Chemical Form	Test Report
4.	Description of storage, treatment and reuse of hazardous waste					
Sr. No.	Dates of Import/ Export & relevant consignment numbers	Total volume and weight (in Kg)	Test Report	Method of Storage	Method of treatment and reuse (give details)	

FORM – 13
[See Rule 21 (1)]

HAZARDOUS WASTE MANIFEST

1.	Occupier's Name and Mailing Address (Including Phone No.)				
2.	Occupier's Registration No.				
3.	Manifest Documents No.				
4.	Transporter's Name and Address: (Including Phone No.)				
5.	Type of Vehicle				
		Truck	Tanker	Special Vehicle	
6.	Transporter's Registration No.				
7.	Vehicle Registration No.				
8.	Designated Facility Name and Site Address				
9.	Facility's Registration No.				
10	Facility's Phone no.:				
11.	Waste Description :				
12.	Total Quantity of Waste	in M³ or Tons			
13.	Consistency :				
	Solid	Semi-Solid	Sludge	Oily	Tarry
14.	Transport Description of Waste				
15.	Containers	Number		Type	
16.	Total Quantity	m³ or MT			
17.	Unit Wt/ Vol.	m³ or MT			
18.	Waste Category Number				

19.	Special Handling Instructions and Additional Information :				
20.	OCCUPIER'S CERTIFICATE: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are categorized, packed, marked, and labeled, and are in all respects in proper condition for transport by road according to applicable national government regulations.				
Typed Name and Stamp		Signature	Month	Day	Year
21.	Transporter's Acknowledgement of Receipt of Wastes				
Typed Name and Stamp		Signature	Month	Day	Year
22.	Discrepancy Note Space				
23.	Facility Owner or Operator's Certification of Receipt of Hazardous Waste				
Typed Name and Stamp		Signature	Month	Day	Year

INDUSTRY DATA SHEET FORMAT

Name & Address of the Industry							
Details of contact persons	Name	Telephone No	Fax No.	Mobile No	E-mail address		
Head office Address							
Details of contact Persons	Name	Telephone No	Fax No	Mobile No	E-mail address		
Details of the Directors							
Products manufactured	Sr. No	As per Establish/ Operate consent orders		Quantity manufactured during last 4 years			
		Name of products	Production Capacity				
	1.						
	2.						
	3.						
Details of raw materials to be used	Sr. No	Chemical Name of Raw Materials	Trade Name of Raw Materials	Quantity to be stored at any given time	Whether purchase from manufactures, auctioneers, traders, imported etc.		
	1.						
Details of hazardous chemicals used as per MSIHC (Amendment) Rules, 1989 as amended in 2000 (Please enclose MSDS of all hazardous chemicals).	Sr. No	Chemical Name of hazardous chemicals	Quantity to be stored at any given time	Threshold quantity as per MSIHC Rules	Flash Point©	Boiling point ©	
	1.						
	2.						
If you are handling hazardous chemicals please indicate the status of compliance of MSIHC Rules		Hazardous chemical is stored in the isolated storage area and as per MSIHC Rules safety measures adopted.					
Details of insurance policy as per Public Liability Insurance Act, 1991		Not Applicable					

Details of hazardous wastes (AS per Hazardous Wastes (Management, Handling & Transboundary Movement) Rules-2008.	Sr. No.	Process generating Hazardous Wastes as per Column 2 of schedule I	Type of wastes as per Column 3 of Schedule I	Quantity generated per month	Specify whether the waste is recyclable, Incinerable, Land Disposed etc.	Quantity of HW presently lying in the factory.
	1.					
	2.					
	3.					
	4.					
Description of Hazardous Wastes	Sr. No	Name of HW Wastes	Physical form		Chemical Form / Composition	Whether disposed within the factory or outside the factory
	1.					
	2.					
	3.					
	4.					
Disposal of Hazardous Wastes	Year	Quantity generated	Quantity disposed for reuse/recycling	Quantity disposed by incineration	Quantity disposed through landfill sites (indicate name of the site)	Other mode of disposal (if any)
Name and Address of persons/industries to whom the hazardous wastes are sold for recycling or reuse (enclose copies of their water/Air consent orders and authorization issued by the concerned state board/committee and copy sale agreement.						
Details of on-site collection, storage, disposal of hazardous waste. Enclosed the drawings of on-site storage system.						
Do you have any proposal to upgrade the present solid waste management system? If yes, provide the details						
Name, quantity and method of disposal of Non-hazardous solid waste generated						
Details of hazardous wastes imported	Sr. No.	Name of products				

Whether the applicant obtained registration of the unit from MOEF for possessing Environmentally sound Management Facilities for recycling / re-refining hazardous wastes. If yes provide copy of the same.							
Details of important process machinery and its production capacity							
Detail of manufacturing process							
Details of water Pollution control system installed including drawings and the copy of performance evaluation report of the same							
Do you have any proposal to upgrade the present wastewater treatment systems, If yes, provide the details							
Water consumptions				Waste water generation			
Domestic :		Domestic :					
Industrial :		Industrial :					
Details of Water cess paid from the date of commissioning of the unit							
Details of Air Pollution control system installed and the copy of performance evaluation report of the same.							
Do you have any proposal to upgrade the present Air Pollution Control System? If yes provide details							
Details of D.G Sets		Sr. No.	DG Capacity	Whether acoustic enclosure provided or not			
		1					
Details of consent issued under Water/ Air Act	Date of issue of consent to establish		Date of issue of consent to Operate		Validity of latest operate /renewal consent order		
	WA	AA	WA	AA	WA	AA	
Date of issue of Authorization under hazardous wastes rules and its validity`							
Whether any separate Electricity Meter is installed for Pollution control system. If yes, please provide the monthly power consumption for the last one year.							
Any other information							

We declare that the provisions of Hazardous Wastes (Management & Handling) Rules 1989 as amended from time to time and Manufacture, storage and import of Hazardous Chemicals Rule

1989 as amended from time to time were gone through and the information furnished above is correct to the best of our knowledge.

Signature of GM/Director/Owner.

Name:- _____

Designation:- _____

Date:- _____

**CHECKLIST FOR OBTAINING AUTHORISATION FOR COLLECTION/
RECEPTION/TREATMENT/TRANSPORTS/ STORAGE/DIPOSAL OF HAZARDOUS
WASTES**

1. FORM NO.1
2. FORM NO.3
3. FORM NO.5
4. FORM NO.6
5. FORM NO.10
6. FORM NO.13
7. INDUSTRY DATA SHEET FORMAT