



FORM I
(See rule 3(b) 5(2), (3) and (6) (ii))

**Application for authorisation/renewal of authorisation
for collection/reception/treatment/ transport/storage/ disposal of hazardous wastes**

From:

To

Sir,

I/We hereby apply for authorisation renewal of authorisation under sub-rule (3) 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

1. Code No. :
2. Whether the unit is situated in a critically polluted area as identified by Ministry of Environment & Forests

TO BE FILLED IN BY APPLICANT

Part A - General

3. (a) Name of Owner/Occupier :
- (b) Name and address of the unit and location of activity :
- (c) Authorisation required for (Please tick mark appropriate activity/ activities)
 - i collection
 - ii reception
 - iii treatment
 - iv transport
 - v storage
 - vi disposal
- (d) In case of renewal of authorisation, previous authorisation number and date :
4. (a) Whether the unit is generating hazardous waste as defined in the Hazardous Wastes Rules, 1989 :
- (b) If so the Category No. :
5. (a) Total capital invested on the project :
- (b) Year of commencement of production :
- (c) Whether the industry works general, 2 shifts or

- round the clock :
6. (a) List and quantum of products and bye-products :
- (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 - Pertaining To Sewage And Trade Effluent

8. Quantity and source of water for:
- a) Cooling m³/d :
- b) Process m³/d :
- c) Domestic use m³/d :
- d) Others m³/d :
9. Sewage and trade effluent discharge
- a) quantum of discharge m³/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 (BOD) :
- 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 :

Part C - Pertaining To Stack (Chimney) And Vent Emissions

10. a) Number of stacks and vents with height and diameter (m)
- b) Quality and quantity of stack emission from each of the above stacks-
- particulate matter
- Sulphur Dioxide (SO₂)
- (Additional parameters as specified by the concerned Pollution Control Board)

- c) A brief account of the air pollution control unit to deal with the emission
- d) Parameters and frequency of self monitoring

Part D - Pertaining To Hazardous Waste And Hazardous Chemicals.

11. Solid wastes:

- a) Total quantum of generation :
- b) Quantum of hazardous waste generated and :
Was defined under the Environment Act, 1986.
(See the Hazardous Wastes Rules, 1989).
- c) Mode of storage within the plant, :
method of disposal and any other information
sought by the concerned Pollution Control Board

12. a) Hazardous Chemicals as defined under Environment (Protection) Act, 1986
(See the Manufacture, Storage and Import of Hazardous Chemicals Rules, 1989)

- b) Whether any isolated storage is involved if yes, attach details Yes/No
- c) Whether emergency plans are prepared for taking
 - on-site measures Yes/No
 - off-site measures Yes/No

Yours Faithfully,

Name and Signature

FORM 3

[See rule 9(1)]

Format for maintaining records of hazardous wastes 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 and weight (in kg.) |
|--------------------------------|---------------|----------------------------------|
| | | |

4. Description of storage and treatment 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 |
|--|---|--|------------------------|
| | | | |

5. Details of transportation of hazardous waste:

| Date | Method of storage of hazardous wastes | Date | Method of treatment of hazardous wastes |
|------|---------------------------------------|------|---|
| | | | |

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 |
| | | | | | | | | |

Name and signature of the Head of facility

FORM-4**(See Rule 9(2)]****Format for the submission of returns, regarding disposal of hazardous waste
(To be submitted to the State Pollution Control Board)**

1. Name and address of the Institution:
2. Details of waste disposal operations:

| Sl. No. | Date of issuance of authorisation for the disposal of hazardous waste and its references number | Description of Hazardous Waste | | Mode of Transportation to the site of disposal | Site of disposal (attach a sketch showing the location(s) of disposal) | Brief description of the method of disposal | Date of disposal | Remarks (Total Volume of the hazardous waste disposed with No. of packages if any) |
|---------|---|--------------------------------|---------------|--|--|---|------------------|--|
| | | Physical form and contents | Chemical form | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Name and signature of the Head of the Facility

FORM - 7

See rule -13 (5) 4. (6) 1

**Transboundary Movement of Waste
Notification**

| | | | |
|---|--|---|----------------------------|
| 1. Exporter (Name & Address): | | 3. Notification concerning (1):- Notification | N2 |
| | | A. (i) Single movement | Recovery operation |
| Contact person: Tel.: | | (ii) General notification (multiple movements) | |
| Fax/Telex: | | | |
| Reason for export: | | C. Pre-authorized recovery facility - Yes/No | |
| | | | |
| 2. Importer/Recycler (Name & Address): | | 4. Total intended number of shipments: | 5. Estimated quantity (3): |
| | | | Kg |
| | | | Litres |
| Contact person: Tel.: | | 6. Intended date(s) or period of time for shipment(s) | |
| Fax/Telex: | | 9. Method(s) of recycling(4) | |
| | | R Code | |
| | | Technology employed | |
| 7. Intended carrier(s) (name, address(2): | | 10. Means of transport (4): | |
| Contact person: Tel.: | | 11. Packaging type(s) (4): | |
| Fax/Telex: | | | |

| | | | |
|--|---------------------|--|--------------------|
| 8. Waste generator (s)(Name, address) (2): | | 12. (i) Designation and complete chemical composition of waste(attach details) | |
| Contact Person Tel.: | | (it) Special handling requirements | |
| Fax/Telex | | | |
| Site of generation & Process: | | 13. Physical characteristics (4): | |
| 14. Waste identification code | | | 16. Y-number (4): |
| Basel No: | OECD No.: | | |
| UN No. : | ITC (HS) | | 17. H-number (4): |
| Customs code (H.S.): | Other (specify): I | | |
| 15. OECD classification (1): amber. E] | Red [] and number: | 18.(i) UN identification N ² | (ii) UN class (4): |
| Other [] | | UN shipping name: | |
| * (attach details) | | | |
| 19. Concerned states, code number of competent authorities, and specific points of entry and exit: | | | |
| State of export | States of transit | State of import | |
| | | | |
| 20. Customs Aces of entry and/or departure | | 2 1. Exporter's/Generator's declaration: | |
| Entry: | | I certify that the information is complete and | |
| | | Correct to my best knowledge. I also certify that | |
| Departure | | Legal y-enforceable written contractual obligations | |
| | | have been entered into and that any applicable | |
| | | insurance or other financial guarantees are or shall be | |

| | | |
|---|-------------------|--|
| | | in force covering the transboundary movement. |
| 22. Number of annexes attached | | Name: Signature: |
| | | Date: |
| For Use by Competent Authorities | | |
| 23. To be completed by competent authority of- import | | 24. Consent to the movement provided by the competent authority |
| Notification received on: | - transit (Basel) | of(country): |
| Acknowledgement sent on: | | Consent given on: Consent expires on: |
| | | Specific conditions (1): <input type="checkbox"/> Yes, see block 24 overleaf annex |
| Name of competent authority, stamp | | <input type="checkbox"/> No |
| And/or signature: | | Name of competent authority, |
| | | Stamp and/or signature: |

- (1) Enter X in appropriate box
- (2) Attach list if more than one
- (3) Attach detailed list of multiple shipment
- (4) See codes on the reverse

List of abbreviations used in the Movement Document

| | | |
|--|----------------------------|---|
| RECOVERY OPERATIONS (Block 9) | | |
| <p>R 1 Use as a fuel (other than in direct incineration) or other means to generate energy R 2 Solvent reclamation/regeneration R 3 Recycling/reclamation of organic substances which are not used as solvents R 4 Recycling/reclamation of metals and metal compounds R 5 Recycling/reclamation of other inorganic materials R 6 Regeneration of acids or bases R 7 Recovery of components used for pollution abatement R 8 Recovery of components from catalysts R 9 Used oil re-refining or other reuses of previously used oil R 10 Land treatment resulting in benefit to agriculture or ecological improvement R 11 Uses of residual materials obtained from any of the operations numbered R 1 to 10 R 12 Exchange of wastes for submission to any of the operations numbered R 1 to R 11 R 13 Accumulation of material intended for any operation numbered R 1 to R 12</p> | | |
| MEANS OF TRANSPORT | PACKAGING TYPES (Block 16) | H NUMBER AND LIN CLASS (Block 17) |
| (Block 8-10) | | |
| R = Road | 1. Drum | LIN Class H No. Designation |
| | 2. Wooden barrel | |
| T = Train/Rail | 3. Jerrican | I H I Explosive |
| | 4. Box | 3 H3 Inflammable liquids |
| S = Sea | 5. Bag | 4.1 H4.1 Inflammable solids |
| | 6. Composite packaging | 4.2 H4.2 Substances or wastes liable to Air |
| A= Air | 7. Pressure receptacle | spontaneous combustion |
| | 8. Bulk | 4.3 H4.3 Substances or wastes which, in W |
| W= Inland Waterways | 9. Other (specify) | contact with water emit |
| | | inflammable gases |

| | | | | |
|---|---|-----------|-------------------------|-----------|
| PHYSICAL CHARACTERISTICS (Block 12) | 5.1 H5.1 Oxidizing | | | |
| | 5.2 H5.2 Organic peroxides | | | |
| 1. Powdery/powder | 6.1 H6.1 Poisonous (acute) | | | |
| 2. Solid | 6.2 H6.2 Infectious substances | | | |
| 3. Viscous/paste | 8 H8 Corrosives | | | |
| 4. | 9 H10 Liberation <i>of</i> toxic gases in | | | |
| 5. Liquid | Contact with air or water | | | |
| 6. Gaseous | 9 H11 Toxic (delayed or chronic) | | | |
| 7. Others (specify) | 9 H12 Eco-toxic | | | |
| | 9 H13 Capable, by any means, after disposal <i>of</i> yielding another material e.g. leachate, which Possesses any <i>of</i> the characteristics listed above | | | |
| | | | | |
| | | | | |
| For Use by Customs Offices | | | | |
| 2~. COUNTRY OF EXPORT/DISPATCH OR | 27. STAMPS OF CUSTOMS OFFICES OF TRANSIT COUNTRIES | | | |
| CUSTOMS OFFICE OF EXIT | Name <i>of</i> country: | | Name <i>of</i> Country: | |
| The waste described overleaf has left the country | | | | |
| on: | Entry | Departure | Entry | Departure |
| Stamp: | | | | |
| Signature: | | | | |
| 26. COUNTRY OF IMPORT/DESTINATION | Country | | Name of Country | |
| described overleaf has entered the | | | | |

| | | | | |
|-----------------|-------|-----------|-------|-----------|
| The country on: | | | | |
| | Entry | Departure | Entry | Departure |
| Stamp: | | | | |
| Signature: | | | | |
| | | | | |

FORM 7A

[See rule- 12 (5) & 14(4)]

**Transboundary Movement of Waste
Movement Document**

| | | | |
|---|---------------------------------------|--|----------------------|
| I.A Exporter (name, address): | | 3. Corresponding to | 4. Serial Number |
| | | Notification N' | of shipment: |
| Contact person: Tel.: | | Movement subject of(2) single notification | |
| Fax/Telex: | | | general notification |
| ii) Waste Generator (name, address)(1): | | 8. Disposer (name, address): | |
| Contact person Tel | | Contact person | Tel.: |
| Fax/Telex: | | | Fax/Telex: |
| Site of generation: | | Actual site of disposal: | |
| 2. Importer recycler (name, address): | | 9. Method(s) of recovery (4): | |
| | | R code: | |
| | | Technology employed: | |
| Contact person Tel.: | | | |
| Fax/Telex: | | *(Attach details if necessary | |
| 5. Ist Carrier (Name, address): | 6. 2"d Carrier (name, address)(4): | 7. Last Carrier (name, address): | |
| Registration N2: | Registration N': | Registration N2: | |
| lei: Fax/Telex: Tel.: | Fax/Telex: Tel.: | Fax/Telex: | |
| 8. Identity of means of transport (3) | 9. Identity of means of transport (3) | 10. Identity of means of transport (3) | |
| Date of transfer: | Date of transfer: | Date of transfer: | |

| | | |
|---|--|---------------------------------------|
| Signature of Carrier's representative | Signature of Carrier's representative | Signature of Carrier's representative |
| 11. Designation and chemical composition of the waste | | 12. Physical characteristics (3): |
| | | 13. Actual quantity |
| | | Kg. Litre |
| 14. Waste identification code | | 16. Packaging |
| | | Type (3): Number: |
| Bales No: OECD No. | | |
| UN No. : ITC (HS) | | 17. UN Classification: |
| Customs code (H.S.): | Other (specify): | UN shipping name: |
| | | LIN Identification No.: |
| 15. OECD Classification (2): amber | Red EJ and Number: | UN class (3): |
| Other | | H Number (3): Y No.: |
| | | |
| (attach details) | | |
| 18. Special handling requirements | 20. Exporter's declaration, | |
| | I certify that the information in blocks I to 19 above is complete and correct to my best knowledge. I also certify that legally-enforceable written contractual obligations have been entered into, that any applicable insurance or other financial guarantees are in force covering the transboundary movement and that all necessary authorizations have been received from the competent authorities of the States concerned. | |
| | | |
| | | |
| | | |
| | Date : | Signature: |

| | | |
|--|-----------------------|---|
| 19. Actual date of shipment | Name: | |
| TO BE COMPLETED BY IMPORTER/RECYCLER | | |
| 21. Shipment received by Importer/Recycler | | 23. I certify that the Recycling of the |
| Quantity received: | Kg. Litres accepted | waste described above has been |
| Date : | | completed. |
| Name: Signature: rejected (x) | | |
| | | Date: |
| | | Name: |
| 22. Shipment received at Recycler | | |
| Quantity received: | Kg. Litres accepted 0 | Signature & stamp- |
| Date: | C3 | |
| Name Signature: | rejected (x) | |
| Approximate date of recycler | | |
| Method of recycling | | |

- (1) Attach list, if more than one
- (2) Enter X in appropriate box
- (3) See codes on the reverse (x) Immediately contact Competent Authority.
- (4) If more than three carriers, attach information as required in blocks 6 and 11.

List of abbreviations used in the notification

| | |
|--|--|
| RECOVERY OPERATIONS (Block 9) | |
| R1 Use as a fuel (other than in direct incineration) or other means to generate energy | |

| R2 Solvent reclamation/regeneration | | | |
|---|----------------------------|---|-----------------------------|
| R3 Recycling/reclamation of organic substances Which are not used as solvents | | | |
| R4 Recycling/reclamation of metals and metal compounds | | | |
| R5 Recycling/reclamation of other inorganic materials | | | |
| R6 Regeneration of acids or bases | | | |
| R7 Recovery of components used for pollution abatement | | | |
| R8 Recovery of components from catalysts | | | |
| R9 Used oil re-refining or other reuses of previously used oil | | | |
| R10 Land treatment resulting in benefit to agriculture w ecological improvement | | | |
| R11 Uses of residual materials obtained from any of the operations numbered RI to RIO | | | |
| R12 Exchange of wastes for submission to any of the operations numbered RI to RI I | | | |
| R13 Accumulation of material intended for any operation numbered RI to PL12 | | | |
| MEANS OF TRANSPORT (Block 10) | PACKAGING TYPES (Block 11) | H NUMBER (Block 17) & UN CLASS (Block 18) | |
| R = Road | 1. Drum | UN Class H Number | Designation |
| | 2. Wooden barrel | | |
| T = Train/Rail | 3. Jerrican | I H I | Explosive |
| | 4. Box | 3 143 | Inflammable Liquids |
| S = Sea | 5. Bag | 4.1 H4.1 | Inflammable solids |
| | 6. Composite packaging | 4.2 H4.2 | Substances or wastes liable |
| A Air | 7. Pressure receptacle | | to spontaneous combustion- |
| | 8. Bulk | 4.3 H4.3 | Substances or wastes |

| | | | |
|---------------------------------------|--------------------|----------|------------------------------|
| W Inland Waterways | 9. Other (specify) | | which, in contact with |
| | | | Water, emit inflammable |
| | | | |
| | | | Gases |
| | | 5.1 H5.1 | Oxidizing |
| PHYSICALCHARACTERISTICS (Block 13) | | 5.2 H5.2 | Organic peroxides |
| | | 6.1 H6.1 | Poisonous (acute) |
| 1. Powdery/ powder 7. Other (specify) | | 6.2 H6.2 | Infectious substances |
| 2. Solid | | 8 H8 | Corrosives |
| 3. Viscous/paste | | 9 H10 | Liberation of toxic gases in |
| 4. Sludge | | | contact with air or water |
| 5. Liquid | | 9 H11 | Toxic (delayed or chronic). |
| 6. Gaseous | | 9 H12 | Eco-toxic |
| | | 9 H13 | Capable by any |
| | | | means after |
| | | | disposal of yielding |
| | | | another material e.g. |
| | | | leachate, which |
| | | | possesses any of the |
| | | | characteristics listed |
| | | | above. |

Y numbers (block 16) refer to categories of waste listed in Annex I and II of the Basel Convention, as well as more detailed information can be found in an instruction Manual available from the Secretariat of the Basel Convention. .

25. SPECIFIC CONDITIONS ON CONSENTING TO THE MOVEMENT