

## FORM -1

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

**Application for Obtaining Authorisation for Collection/ Reception/ Treatment/  
Transports/ Storage/ Disposal of Hazardous Waste\***

From: .....

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To

The Member Secretary,  
Punjab Pollution Control Board,  
Nabha Road, Patiala.

Sir,

I / We hereby apply for authorisation./ renewal of authorisation 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.

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Code No.:

Whether the unit is situated in a critically polluted area as identified by Ministry of Environment and Forests;

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 To be filled in by Applicant
 

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**Part – A: General**

3. (a) Name and address of the unit and location of activity
- (b) Authorisation 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 authorisation previous authorisation number and date
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\* 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 in terms of products and waste generated including for captive power generation and demineralised water.

#### **PART – B: SEWAGE AND TRADE EFFLUENT**

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8. Quantity and source of water for:
  - a. Cooling  $\text{m}^3/\text{d}$
  - b. Process  $\text{m}^3/\text{d}$
  - c. Domestic use  $\text{m}^3/\text{d}$
  - d. Others  $\text{m}^3/\text{d}$
9. Sewage and trade effluent discharge;
  - a. Quantum of discharge  $\text{m}^3/\text{d}$ :
  - 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 <sup>3</sup>[ (BoD<sub>5</sub>/ 20°C )/BoD<sub>3</sub>/27°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:  
[\*] Read BOD (3 days at 27°C)

### Part – C: Stack (Chimney) and Vent Emissions

10. (a) Number of stacks and vents with height and dia (m):
- (b) Quality and quantity of stack emission from each of the above stacks-particulate matter and Sulphur dioxide (SO<sub>2</sub>) (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: HAZARDOUS WASTE

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

Place:

Signature: .....

Date:

Designation: .....

