



# **JAMNA AUTO INDUSTRIES LIMITED**

## **HAZARDOUS WASTE MANAGEMENT POLICY**

### **Hazardous Waste Management Policy**

#### **1. Objective:**

**Jamna Auto Industries Limited (JAI)** is committed to conducting its operations in an environmentally responsible and sustainable manner. Company aims to achieve Zero waste to landfill plants by 2029 (baseline of FY 2025) in a phased manner. This policy establishes a framework for the safe handling, storage, transportation, and disposal of hazardous waste, emphasizing co-processing, incineration, recycling, or other viable methods, while minimizing reliance on landfills, in compliance with applicable laws and regulations.

#### **2. Scope:**

This Policy applies across all our plants, offices and establishment where hazardous waste is generated.

#### **3. Policy Guideline**

##### **Identification**

1. All newly generated waste shall be assessed for its hazardous nature. If deemed hazardous, it shall be handled and disposed of as per this Policy.
2. A Material Safety Data Sheet (MSDS) shall be maintained for each hazardous substance used or produced.

##### **Waste Minimisation**

Implement process optimization, material substitution, and cleaner production techniques to reduce the volume and toxicity of hazardous waste generated.

##### **Storage**

1. Hazardous waste shall be segregated at the source to avoid contamination with non-hazardous waste.
2. Flammable, ignitable, reactive and non-compatible wastes should be stored separately;
3. Storage area may consist of different sheds for storing different kinds of hazardous wastes;
4. Storage sheds be provided with suitable openings;
5. Loading and unloading of wastes in storage sheds should only be done under the supervision of the trained and experienced staff;
6. Floor of storage area should structurally sound depending on the characteristics of waste stored in order to prevent spills, leaks etc. to the soil and ground water;
7. Storage shed/area shall be marked 'DANGER' in bold letters;
8. Hazardous waste shall not be stored in excess of 90 days without permission from the State Pollution Control Board (SPCB).

##### **Storage of drums/containers**

1. Those drums or container shall be used which are non-reactive with the hazardous wastes proposed to be stored therein;
2. The stacking of drums in the storage area should be restricted to three or four high on pallets (wooden frames) or metal platform. Necessary precautionary measures should be taken so as to avoid stack collapse;
3. No drums should be opened in the storage sheds for sampling etc. and such activity should be done in designated places outside the storage areas;
4. Drums should be labelled properly indicating mainly type, quantity, characteristics, source and date of storing etc.

### **Spillage/ Leakage Control Measures**

1. Storage areas should be inspected regularly for detecting any signs of leaks or deterioration if any;
2. Leaking or deteriorated drums or containers should be replaced with sound drum or container;
3. In case of spills or leaks dry adsorbents/cotton should be used for cleaning instead of water;
4. Proper slope with collection pits be provided in the storage area so as to collect the spills/leakages;
5. Storage areas should be provided with adequate number of spill kits with compatible sorbent material in adequate quantity

### **Fire Protection**

1. Fire detection and alarm system should be provided for waste storage area;
2. The storage area/ storage yards should be covered by hydrant network system of the unit;
3. Storage area should be provided with adequate type and number of fire extinguishers as per nature of waste stored;
4. All electrical apparatus and equipment should be periodically inspected particularly for loose contacts, short circuit, and proper insulation.

### **House Keeping**

1. Smoking should be prohibited in and around the storage shed/area;
2. Good housekeeping needs to be maintained around the storage shed/ area;
3. Signboards showing precautionary measures to be taken, in case of normal and emergency situations should be displayed at appropriate locations;
4. Only persons authorized should have access to the hazardous waste storage shed/ area;
5. Mock drill for onsite emergency should be conducted periodically.
6. All records related to generation, storage, transportation, and disposal of hazardous waste shall be maintained.

### **Disposal**

The hazardous waste generated shall be sent or sold to an authorized actual user or shall be disposed of in an authorised disposal facility as per the authorization granted to the unit.

### **Disposal Prioritization**

Priority shall be given to disposal methods that eliminate the need for landfilling of hazardous waste based on factors such as the type of waste, vendor/recycler capacity, transportation distance, and both environmental and economic feasibility. Following are some of the Non-Landfilling methods for Hazardous Waste Disposal

1. Co-Processing in Cement Kilns
2. Authorized Recycling and Recovery
3. Incineration at Authorized TSDFs
4. Other approved Methods

### **Transportation**

Only authorized transporters approved by the SPCB shall be engaged/used for the off-site transport of hazardous waste. Transportation shall be documented in the prescribed Form.

### **Compliance**

This policy complies with:

1. The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016
2. The Environment (Protection) Act, 1986



3. CPCB and SPCB directives and guidelines.

### **Training**

Employees involved in handling hazardous waste shall be trained in safe handling procedures, use of Personal Protective Equipment (PPE), and emergency response.

### **4 Miscellaneous**

1. ESG Committee shall administer this policy. The Committee may review the Policy on quarterly basis.
2. In the event of any inconsistency between the provisions of this Policy and the applicable regulatory mechanism, the Policy shall be automatically amended to align with and give effect to the requirements of the regulatory mechanism. This ensures that the company remains compliant with all relevant laws and regulations while maintaining its commitment.