### WASTE MANIFEST

**UNIVERSITY OF MICHIGAN - OCCUPATIONAL SAFETY & ENVIRONMENTAL HEALTH**  
1655 DEAN ROAD, ANN ARBOR, MI 48109-2159 (734)763-4568

**IN CASE OF EMERGENCY:**  
CONTACT PUBLIC SAFETY (24 HOURS): (734)763-1131

**EPA ID#**  

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## HAZARDOUS / CHEMICAL WASTES

### CHEMICAL DESCRIPTION (Do Not Abbreviate or Use Formulas)

<table>
<thead>
<tr>
<th>Qty.</th>
<th>Type</th>
<th>Weight or Volume</th>
<th>Waste Codes</th>
<th>Manifest Tracking Number</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

### Additional Descriptions / Safety Precautions for materials listed above:

OSEH ONLY

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## UNIVERSAL WASTES (Enter quantity)

### Batteries:
- Boxes _____  
- Pails _____  
- Drums _____  
- Auto/Industrial _____

### Antifreeze:
- Boxes _____  
- Pails _____  
- Drums _____

### Electric Lamps:
- Fluorescent: 4’ _____  
- 8’ _____  
- Compact _____  
- HID _____  
- “U” tube _____  
- “O” tube _____  
- Mercury Vapor _____  
- Other ________

### Mercury:
- Thermostat(s) _____  
- Thermometer(s) _____  
- Switch(es) _____  
- Devices (describe)  

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## GENERATOR INFORMATION & CERTIFICATION

<table>
<thead>
<tr>
<th>NAME</th>
<th>DEPARTMENT</th>
</tr>
</thead>
<tbody>
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</table>

**BUILDING**  

**GENERATOR’S CERTIFICATION:** This is to certify that the above named materials are properly classified, described, packaged, marked and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

**SIGNATURE**  

**DATE**

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**GARDNER’S CERTIFICATION:**  

- FOR OSEH USE ONLY—  
  Transporter 1 Acknowledgement of Receipt of Materials

**Signature**  

**Date**

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**REV 3/10**
COMPLETING THE WASTE MANIFEST

1. Enter the EPA Identification Number of the building in which the waste was generated.

HAZARDOUS / CHEMICAL WASTES

CHEMICAL DESCRIPTION:
2. List all of the chemicals in each waste being disposed AND their approximate concentrations (%). Do not abbreviate or use formulas.

CONTAINER:
3. Enter the total number of containers for each waste described on the manifest.
4. Enter the appropriate abbreviation (see table #1) for the type of container used for each waste described on the manifest. (If the same waste is shipped in different containers, each type of container must be identified).

PHYSICAL FORM:
5. Mark the appropriate form(s) (Solid, Liquid, Gas) for each manifested waste. Check all that apply.

WEIGHT OR VOLUME:
6. Enter the total numerical weight or volume for each waste manifested.
7. Enter the appropriate abbreviation (see table #2) for the unit of measure for each waste described on the manifest.

ADDITIONAL DESCRIPTIONS / SAFETY PRECAUTIONS:
8. Enter any additional description / safety precaution, special handling, transportation, treatment, storage, or disposal information or specific properties that may be unique to the waste or pose additional concerns (i.e. acutely toxic, water reactive, etc.) for each waste described on the manifest.

UNIVERSAL WASTE
9. Enter the total number of containers/bulbs/mercury containing articles for each Universal waste category listed.

GENERATOR INFORMATION & CERTIFICATION
10. Enter the name of the waste generator.
11. Enter the name of the Department where the waste was generated.
12. Enter the name of the building in which the waste was generated.
13. Enter the building room number.
14. Enter the phone number at which the generator, or staff knowledgeable about the waste can be contacted.
15. The generator must read and sign (by hand), the certification statement, or the waste will not be picked up for disposal.
16. Enter the date the certification statement was signed.

PLACE THE WASTE MANIFEST(S) WITH THE SHIPMENT

MANIFEST ABBREVIATION TABLES

<table>
<thead>
<tr>
<th>CONTAINER TYPE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbreviation</td>
</tr>
<tr>
<td>DM  - Metal drums, barrels, kegs</td>
</tr>
<tr>
<td>DF-F - Fiberboard drums, barrels, kegs</td>
</tr>
<tr>
<td>DF-P - Plastic drums, barrels, kegs</td>
</tr>
<tr>
<td>BOT-G - Glass bottles, jugs, tubes, containers</td>
</tr>
<tr>
<td>BOT-P - Plastic bottles, jugs, tubes, containers</td>
</tr>
<tr>
<td>CY  - Cylinders</td>
</tr>
<tr>
<td>CM  - Metal boxes, cartons, cases (including roll-offs)</td>
</tr>
<tr>
<td>CF  - Fiber or plastic boxes, cartons, cases</td>
</tr>
<tr>
<td>BA  - Burlap, cloth, paper/plastic bags</td>
</tr>
<tr>
<td>O   - Other (Please specify)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>UNIT OF MEASURE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbreviation</td>
</tr>
<tr>
<td>G  - Gallons</td>
</tr>
<tr>
<td>K  - Kilograms</td>
</tr>
<tr>
<td>L  - Liters</td>
</tr>
<tr>
<td>P  - Pounds</td>
</tr>
<tr>
<td>T  - Tons</td>
</tr>
<tr>
<td>Y  - Yards</td>
</tr>
</tbody>
</table>

TABLE 1

TABLE 2