

Annexure & References for Hg Based Equipments

Annexure -I

ACCIDENT REPORTING

FORM III

(Refer Rule 12 of the Bio-medical Waste (Management & Handling) Rules, 1998)

ACCIDENT REPORTING

1. Date and time of accident:
2. Sequence of events leading to accident:
3. The waste involved in accident:
4. Assessment of the effects of the accident on human health and the environment,
5. Emergency measures taken
6. Steps taken to alleviate the effects of accident:
7. Steps taken to prevent the recurrence of such an accident:

Date.....

Place.....

Signature.....

Designation.....

Marking of Mercury Waste Container

HAZARDOUS WASTE *

Handle with Care

.....Waste Category NoCompatible Group
Total Quantity.....	Date of Storage
Contents and State of the Waste :	
Sender's Name & Address	Receiver's Name & Address
Phone.....	Phone.....
E-mail.....	E-mail.....
Tel. & Fax No.....	Tel.& Fax No
Contact Person.....	Contact Person.....
In case of emergency please contact	

Note :

1. *Background color of lab I fluorescent yellow,*
2. *The words 'HAZARDOUS WASTES' & 'HANDLE WITH CARE' to be prominent and written in red in Hindi, English and in Vernacular Language*
3. *Label should be of non-washable material.*

* *delete whichever is not applicable*

Annexure –III

Rule 21. Manifest system (Movement Document to be used within the country only) as per Hazardous Waste (Management, Handling & Transboundary Movement) Rules, 2008

- (1) The occupier shall prepare six copies of the manifest in Form 13 comprising of colour code indicated below and all six copies shall be signed by the transporter:

Copy number with colour code	Purpose
Copy 1 (White)	To be forwarded by the occupier to the SPCB/PCC
Copy 2 (Yellow)	To be retained by the occupier after taking signature on it from the transporter and the rest of the four copies to be carried by the transporter.
Copy 3 (pink)	To be retained by the operator of the facility after signature.
Copy 4 (orange)	To be returned to the transporter by the operator of facility/recycler after accepting waste.
Copy5(green)	To be returned by the operator of the facility to SPCB/PCC after treatment and disposal of wastes in TSDF.
Copy6 (blue)	To be returned by the operator of the facility to the occupier after treatment and disposal of hazardous wastes in TSDF.

- (2) The occupier shall forward copy number 1 (white) to the State Pollution Control Board or the Committee of the UT as the case may be and in case the hazardous wastes is likely to be transported through any transit State, the occupier shall prepare an additional copy each for intimation to such State or the Union Territory and forward the same to the concerned State Pollution Control Board or Committee before he hands over the hazardous wastes to the transporter.
- (3) No transporter shall accept hazardous wastes from an occupier for transport unless it is accompanied by copy numbers 3 to 6 of the manifest.
- (4) The transporter shall submit copies number 3- to -6 of the manifest duly signed with

date to the operator of facility along with the waste consignment.

- (5) Operator of facility upon completion of treatment and disposal operations of the hazardous wastes shall forward copy 5 (green) to the State Pollution Control Board/Committee and copy 6 (blue) to the occupier. Copy 3 (pink) shall be retained by the operator of facility.

Hazardous Waste Manifest

1.	Occupier's Name & Mailing Address (including Phone No.)	:			
2.	Occupier's Registration No.	:			
3.	Manifest Document No.	:			
4.	Transporter's Name & 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 & Site Address	:			
9.	Facility's Registration No.	:			
10.	Facility's Phone	:			
11.	Waste Description	:			
12.	Total Quantity	:m ³ or MT		
13.	Consistency	:	(Solid/Semi-Solid/Sludge /Oily /Tarry /Slurry)		
14.	Transport Description of Wastes	:			
15.	Containers	:	Number	Type	
16.	Total Quantity	:m ³ or MT		
17.	Unit Wt/Vol.	: m ³ or MT		

18.	Waste Category Number											
19.	Special Handling Instructions & 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 categorised, packed, marked, and labeled, and are in all respects in proper condition for transport by road according to applicable national government regulations.										
Typed Name & Stamp Signature :		Month Day Year <table border="1" data-bbox="857 940 1268 1016"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>										
21.	'Transporter Acknowledgement of Receipt of Wastes											
Typed Name & Stamp : Signature :		Month Day Year <table border="1" data-bbox="857 1209 1268 1283"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>										
22.	Discrepancy Note Space											
23.	Facility Owner or Operator's Certification of Receipt of Hazardous Waste											
Typed Name & Stamp : Signature :		Month Day Year <table border="1" data-bbox="857 1503 1268 1577"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>										

Note: Manifest Format as per HW (M, H & TM) Rules, 2008. This copy has to be used in accordance with Rule 21 of the HW (M, H & TM) Rules, 2008

REFERENCES

- 1) Bio-medical Waste (Management & Handling) Rules, 1998 and amendments.
- 2) Hazardous Waste (Management , Handling & Transboundary Movement) Rules, 2008 and amendments, notified under the E (P) Act, 1986 by the Ministry of Environment & Forest, Government of India.
- 3) Occupational Safety and Health Guideline for Mercury Vapour, U.S. Occupational Safety and Health Administration, Washington, DC. (<http://www.osha.gov/SLTC/healthguidelines/mercuryvapour/recognition.html>)
- 4) “Managing Small Mercury Spills,” Fact Sheet, Health Care Without Harm Europe (Praha, Czech Republic) and Health & Environmental Alliance (Brussels, Belgium), October 2006 (<http://www.noharm.org/europe/issues/toxins/mercury/resources.php>).
- 5) Threshold Exposure Limits for mercury as per Factories Act, 1948.
- 6) “Managing Small Mercury Spills,” Fact Sheet, HCWH Europe and HEAL (ibid.).
- 7) U.S. Environmental Protection Agency’s website “Mercury Releases and Spills: Cleanups and Proper Disposal,” updated December 02, 2009 (<http://www.epa.gov/hg/spills/>).
- 8) “Mercury Spill Information and Cleanup Guidance,” Indiana Department of Environmental Management, May 2007.
- 9) “Personal Protective Equipment Information for Mercury,” Canadian Centre for Occupational Health and Safety, updated December 21, 1998.
- 10) UNDP Draft guidelines for mercury waste management.
- 11) CPCB News Letter ‘Parivesh’ on ‘Mercury : Environmental Implications & Toxicity’ , December 2009.