

MAHARASHTRA POLLUTION CONTROL BOARD
REGIONAL OFFICE – Kolhapur

Udyog Bhavan, Near Collector Office, Kolhapur-
VISIT REPORT OF BMW FACILITY

1. INTRODUCTORY DETAILS:

01.	Name & Address of the BMWTSD Facility: M/s Biomedical Waste Disposal Association Gandhinagar, P.O. Kolhapur	Contact Person: Dr. M.S. Beldudhi Dr. Chandra Shekhar Designation: President, Desai Telephonic No: - Mobile No: - 9226823144 Fax, No: - -
02.	Type of facility: Deep burial	Beds Capacity: -
03.	Date of Visit: 15/11/2013	Visited By: S. S. Dake (Regional officer) M.P.C.B. Kolhapur
04.	Date, Month & Year of Establishment: - August 2007	Authorization/Consent granted by MPCB: No: MPCR/RO/Kolhapur-05/2008 15/01/2011 Valid Upto: 21 Jan 2012

2. SEGREGATION & STORAGE:

Category of Waste	Bag Used
Cat 01: Human Anatomical Waste	
Cat 02: Animal Waste	
Cat 03: Microbiology & Biotechnology Waste	Specified bag
Cat 04: Waste sharps	are not used for collection.
Cat 05: Discarded Medicines & Cytotoxic Drugs	
Cat 06: Solid Waste (Cont. with blood)	
Cat 07: Solid Waste (Tubings, catheter, etc)	
Cat 08: Liquid Waste	
Cat 09: Incineration Ash	
Cat 10: Chemical Waste	

3. WATER BUDGETING:

01	Quantity & Source of Water	02	Daily Effluent Generated
	i) Source: - Gandhinagar Municipal Coml.		i) Domestic: - 250 lit/day
	ii) Quantity:		ii) Trade Effluent:
	Domestic - 300 lit/day		Cooling-
	Process (washing) - 200 lit/day		Boiler-
	Cooling-		Laundry-
	Boiler-		Other (washing) - 300 lit/day
	Laundry-		
	Other-		

4. EFFLUENT TREATMENT PLANT DETAILS:

01	Domestic: - Septic tank provided	Trade Effluent: - collection + settling only.
	Mode of Disposal: - on land.	Mode of Disposal: - on land for gardening purpose

5. BIO-MEDICAL WASTE GENERATION & TREATMENT AT SOURCE:

01	BMW Generation Category (Kg/Month) - not manufactured	BMW Treated & Disposal: Category-Kg/Month, Treatment & Disposal - not manufactured
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6. INCINERATION DETAILS:

01	Year of Establishment:	Air Pollution Control Facility
	Chamber: Single/Double	
	Capacity:	Stack Height:
	Temp. in Primary Chamber:	Sampling Port Details:
	Temp. in Primary Chamber:	Disposal of Ash:
	Type of Fuel Used and Quantity:	

7. AUTOCLAVE & SHREEDER DETAILS:

01	Autoclave: Yes / No	Shredder: Yes / No
	Capacity - 25kg/hr	Capacity: 5kg/hr
	Pressure: -	Mutilator: Yes/ No
	Temperature: - 120°C	
	Residence Time: -	
	Spore Test Report: - Not done	

8. DEEP BURIAL DETAILS:

01	Total No of Pits: <u>2 Nos.</u>	Whether Soil and Lime Layering is Practiced? Yes/ No
	No. of Pits Filled: <u>1 No</u>	Whether Shed and Fencing is Provided? Yes/ No
	No. of Pits in operation: <u>2 Nos</u>	Whether cover of galvanized iron/wire meshes is provided over the deep burial Pit: Yes / No
	Size of Pits:	<u>10x10x10 ft</u>

9.0 MEMBERSHIP OF CBMWTSDf: YES / NO

NA -

01	Name of CBMWTSDf	Monthly average BMW send to CBMWTSDf (Category wise)
	Date of Membership:	

10. RECORDING KEEPING & ANNUAL REPORTS:

Recording Keeping: Yes / No <u>not proper</u>	Annual Report Submitted: Yes / No
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11. D.G. SET: - Not provided

Capacity: <u>-</u>	Stack Height: <u>-</u>
Fuel Used: <u>-</u>	Details of Acoustic enclosure: <u>-</u>

12. OTHER WASTE DISPOSAL FROM HCE: - NA -

Disposal of Mercury incase of Spillage (Qty./M): Details of Disposal:	Details of Oil & Grease if Generated: (Qty./M): Details of Disposal: <u>-</u>
Disposal of X-Ray Hypo Solution mixture: <u>not collected</u> <u>by facility</u>	Disposal of X-Ray Films & Non-infected plastic recycle Waste: <u>Disposed by</u> <u>non authorized person</u>

13. SUPERVISION & TRAINING:

Supervision: YES / NO	Training: YES / NO <i>not given to staff</i>
Name of Incharge: <i>Shri. Gan. app. HOSK</i>	Whether training given for handling of BMW?
Designation: <i>Supervisor</i>	<i>- Staff YES -</i>
No. of Staff for BMW Management: <i>3 HOS</i>	

14. OBSERVATIONS: -

1. During the deep burial BMW facility was not in operation.
2. It is observed that incoming BMW waste from Hospitals facility is not segregated and not in colour coded bags. It was collected in mixed in nature.
3. facility supervisor is not maintain the records/ register in update manner.
4. The laying of soil & lime for deep burial system is not in a scientific manner.
5. facility has provided collection and settling treatment arrangement for trade effluent. ETP arrangement needs upgrade.
6. House keeping is poor.
7. Annual report of year 2012 is submitted.
8. facility has provided 1 No of vehicle.
9. ETP is not proper.
10. collection vehicles are not properly covered as per BMW Rules.

Facility Representative

(*Dr. Bal. m. S.*)
Secretary
BMWWA Gadhingoj

Dr. C. E. Desai
President
BMWWA Gadhingoj

MPCB Representative

Zeenu B. R. (K)
15/11/2013