

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. S.S. Services S.No. 638/C.S.No. 17695 S.T.P. Compound Near New Sangli Naka Ichalkarje,	Contact Person: <u>Shri Pawar, Kishor, I.</u> Designation: <u>Incharge</u> Telephonic No: <u>- 02-30-6299666</u> Mobile No: <u>- 9225599666</u> Fax. No: <u>-</u>
02.	Type of facility: <u>Incineration</u>	Beds Capacity: <u>-</u>
03.	Date of Visit: <u>15/11/2013</u>	Visited By: <u>Shri S.S. Dake Regional Officer, Kolhapur</u>
04.	Date, Month & Year of Establishment: <u>- February 2013</u>	Authorization/Consent granted by MPCB: <u>MPCB/PAM/ BMW/KP-518)-11/14/2012</u> No: <u>19/13/2012</u> Valid Upto: <u>31/3/2013</u> <u>Apply for renewal - 25/11/2013</u>

2. SEGREGATION & STORAGE:

Category of Waste	Bag Used
Cat 01: Human Anatomical Waste	<u>Mixed BMW</u> <u>without specification</u> <u>bags colour coded</u>
Cat 02: Animal Waste	
Cat 03: Microbiology & Biotechnology Waste	
Cat 04: Waste sharps	
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: <u>Ichalkarje Municipal Council</u>		i) Domestic: <u>500 lit/day</u>
	ii) Quantity:		ii) Trade Effluent: <u>2000 lit/day</u>
	Domestic- <u>500 lit/day</u>		Cooling-
	Process- <u>Scrubbing - 2500 lit/day</u>		Boiler-
	Cooling- <u>washing</u>		Laundry-
	Boiler-		Other-
	Laundry-		
	Other-		

4. EFFLUENT TREATMENT PLANT DETAILS:

01	Domestic: Septic tank provided	Trade Effluent: pair collection + settling + sand filter, not properly operated & maintained. Needs upgradation.
	Mode of Disposal: Municipal Sewerage.	Mode of Disposal: on land for gardening.

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

01	BMW Generation Category (Kg/Month) 1, 2, 5, 6 6000 Kg/month 4 500 Kg/month 7, 8, 9, 10 1000 Kg/month	BMW Treated & Disposal: Category-Kg/Month, Treatment & Disposal - Incineration / Autoclave - Shredding - Autoclave / Incineration
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6. INCINERATION DETAILS:

01	Year of Establishment: - 2003,	Air Pollution Control Facility
	Chamber: Single/Double	Venturi type scrubber provided
	Capacity: - 50 Kg/hr.	Stack Height: 30mtr
	Temp. in Primary Chamber: 800°C ± 50°C	Sampling Port Details: provided.
	Temp. in Primary Chamber: 1000°C ± 50°C	Disposal of Ash:
	Type of Fuel Used and Quantity: - Diesel - 45 lit to 50 lit/day	- CHWTF at Rajangan.

7. AUTOCLAVE & SHREEDER DETAILS:

01	Autoclave: Yes / No	Shredder: Yes / No
	Capacity - 50 Kg/hr.	Capacity: 150 Kg/hr.
	Pressure: - 15 PSI 21 PSI	Mutilator: Yes / No -
	Temperature: - 121°C	
	Residence Time: - 45 minutes	
	Spore Test Report: - submitted	

8. DEEP BURIAL DETAILS:

01	Total No of Pits:.....	Whether Soil and Lime Layering is Practiced? Yes/ No
	No. of Pits Filled:.....	Whether Shed and Fencing is Provided? Yes/ No
	No. of Pits in operation:.....	Whether cover of galvanized iron/wire meshes is provided over the deep burial Pit: Yes / No
	Size of Pits:.....	

9.0 MEMBERSHIP OF CBMWTSDF: YES / ~~NO~~

01	Name of CBMWTSDF Enviro power at Rajmangon	Monthly average BMW send to CBMWTSDF (Category wise) Incinerator ash - 125 to 150 kg/m.
	Date of Membership: 12 Nov 2010 Valid upto 22 Nov 2015	

10. RECORDING KEEPING & ANNUAL REPORTS:

Recording Keeping: Yes / No <i>but not proper</i> <i>average</i>	Annual Report Submitted: Yes / No
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11. D.G. SET:

Capacity: <i>no data</i>	Stack Height: —
Fuel Used:	Details of Acoustic enclosure:

12. OTHER WASTE DISPOSAL FROM HCE:

Disposal of Mercury incase of Spillage (Qty./M): Details of Disposal: <i>not received by the facility</i>	Details of Oil & Grease if Generated: (Qty./M): <i>— NA —</i> Details of Disposal:.....
Disposal of X-Ray Hypo Solution mixture: <i>not received by the facility</i>	Disposal of X-Ray Films & Non-infected plastic recycle Waste: <i>— NA —</i>

13. SUPERVISION & TRAINING:

Supervision: ☒ YES / ☐ NO	Training: ☒ YES / ☐ NO
Name of Incharge: <u>Shri. Pawar Kishor</u>	Whether training given for handling of BMW?
Designation: <u>Incharge</u>	<u>Yes</u>
No. of Staff for BMW Management: <u>seven</u>	

14. OBSERVATIONS:

- 1) During the visit facility was not in operation.
- 2) It is observed that the incoming BM waste from hospitals are not segregated and are not in colour coded bags. It was collected in mixed form.
- 3) Facility having double chamber incineration plant with digital temp display.
- 4) Facility has provided collection, settling and sand filter system but it was not in operation also the vehicle washing system was not connected properly to STP & STP needs proper odour treatment.
- 5) Sufficient land is not available with facility.
- 6) Facility has provided venting type scrubber with adequate height (100ft) stack to the incinerator operation & maintenance of scrubber is not proper.
- 7) Incineration ash disposed regularly to the CHWTF at Rajgurunagar.
- 8) Collection vehicles are not properly displayed as per BMW rules.
- 9) Annual report of 2012 was submitted.
- 10) All registers regarding BMW collection, treatment disposal, are not maintained properly.
- 11) Disinfection is not provided properly & needs to be permanent provision.
- 12) Applied for Authorization renewal but not for consent.

Facility Representative

Kishor Pawar
15/11/12



MPCB Representative

Rajkumar
RAKJ. 15/11/2012