

REGIONAL OFFICE, KOLHAPUR
MAHARASHTRA POLLUTION CONTROL BOARD

Inspection Report:

1) Introductory Details

01	Name & Address of Hospital Facility	- m/s Surya Central treatment facility D-60 MIDC Miray Sangli
	Contact Person:	- shri Phombore V. M.
	Designation:	plant - Incharge
	Telephone No:	- 0233-2320883
	Mobile No.	- 9552081309
	Fax No.	- -
	Email:	- Meghano Kore@gmail.com
02	Date of visit:	- 21/10/2013
03	Month Of Commissioning	- 2003 January.
04	Authorization No. & Validity	- MPCB / PSO / BMW / KOP / 2013 - 28 Oct 21/9/2013 Validity - 31/12/2014
05	Consent No. & Validity	- -
06	Jurisdiction (Details)	- Not applied.
B	Segregation and Storage.	-
01	No. Of Bags collected per Month	
i	Yellow -	- 100 Kg/day
ii	Red -	- 250 Kg/day
iii	Blue -	- 75 Kg/day
iv	Black -	- -
v	No. of Bags/M	425 Kg/day
02	Total nos. of HCEs cater service	
a.	Bedded hospitals:	- 261
b	Non bedded Hospital	7
i	Dispensaries	1
ii	Blood Bank	1

iii	Path lab.	
iv	Institutes	
v	Veterinary	
3.	Annual report submitted in Form-II (Enclosed last three years copies duly certified by facility operator)	- submitted 7/2/2013 1/1/2012 31/12/2012
C)	Water Consumption & Waste Water Generation.	
1	Quantity and Source of water (M³/day)	
i	Domestic	- 3 m ³ /day
ii	Process	-
iii	Cooling	
iv	Boiler	
v	Laundry	
vi	Any Other- (Washing, Cleaning, Lab., House keeping) / scrubbing	- 4.5 m ³ /day
2	Source of water supply – Details with quantity (CMD)	
3	Waste Water generation	
a	STP	-
b	ETP	- 4.0 m ³ /day
4	Effluent treatment Plant unit and capacity along with flow diagram	- collection - settling tank, carbon and sand filter.
5	Location Of Discharge of treated effluent / sewage	- within premises for gardening
D.	Emission Details	
i	Details Of Incinerator & make model and year of Establishment	- Therman make PY 100
ii	Capacity (Kg/hr)	50 to 85 Kg/hr.
iii	Type of fuel used & Quantity (KLD)	- Diesel - 4 to 5 lit/hr.
iv	Air Pollution Control Facility (unit & Capacity)	Ventury type Scrubber to incinerator.
v	Temperature of primary chamber(°C)	832°C
vi	Temperature of secondary chamber(°C)	1020°C.
vii	Automatic Feeding System (Yes/ No)	No.
viii	Stack Details: Height & diameter	height 30mtr., 1 feet.

ix	Emergency Vent: (Yes/ No)	Yes
x	Sampling Port details: (Yes/ No)	Yes
xi	Online Temperature monitoring / recording	Yes
Xii	Whether Incinerator is as per CPCB guidelines	Yes
	DG Set Capacity : KVA	- No D.G. Set
i	Fuel Used	-
ii		
iii	Stack Height	
iv	Acoustic enclosure provided	
E	Details of Shredder	
I	Make And Model	- local make
ii	Capacity (kg/hr)	- 100 kg/hr
F	Detail of Autoclave	
I	Make And Model	equitrol make.
ii	Pre vacuum Horizontal feeding	Wernicle.
iii	Capacity kg/hr or ltrs/hr	20 kg / batch.
iv	Records of spore test Results maintained- (yes/ no)	Yes.
v	Thermal or routine test conducted for each batch (yes/ no)	No.
G	Storage room of BMW	Yes provided
H	Insineration Ash & ETP sludge send to CHWTSDF	to only Ash send to CHWTSDF. Rajanghon.
I	CHWTSDF Membership Details	- obtained.
ii	HW Rules Form- V maintained (Annual Returns)	maintained
I	Record Keeping	
	Maintenance of Log Sheet	maintained.
J	Disposal of Disinfected plastic recycle waste	
I	Name of Authorized plastic recycler	M/s. Sakshi plastics C-5 No 23/2/ sainik dagan (wasteshawadi)
ii	Quantity disposed (kg)	- 1.5 T / month.
K	Nos. of vehicles provided for transportation	3 Nos
I	Enclosed list with photographs of vehicles	- enclosed

ii	Make, made & capacity		-
L	Fire Fighting System		- provided
M	First Aid Arrangement		- provided
N	Whether training provided to staff/ waste handlers		- yes
O	Latest Monitoring Report		- Enclosed
i	Stack		
	Sr. no.	Date	Complied/ Not Complied
	1.	7/8/2013	Complied
ii	Effluent		
	Sr. no.	Date	Complied/ Not Complied
	1.	10/5/2013	Complied
P	Over All Observation:		
1.	During the visit facility is in operation.		
2.	Incoming hospital waste is not segregated properly and it was sewage mixed in nature and biomass are sent without being needs properly by		
3.	Incoming DMW waste is segregated properly by facility and it is stored properly		
4.	facility operator is maintain the temperature of 1 st chamber of Sewage chamber.		
5.	Air pollution control facility is not proper. needs improvement like. ID fan, leakage, monitoring facility.		
6.	facility has provided ETP consisting primary treatment followed sand & Carba filter. its o/m is poor.		
7.	ETP Sludge is not sent to CHWTF at Rajmagan.		
8.	Annual report Submitted within time period.		

Q	Recommendations:
1)	facility shall not collect syringes with needles.
2)	Air pollution control system shall be repaired immediately.
3)	ETP sludge shall be disposed at common facility at Rajangdon & ETP also need upgradation.
4)	Disposal of effluent after treatment shall be proper.

Place Sangli
Date 21/10/2013

Shri S.S. Doke
Name: Shri S.S. Doke.
Designation: Regional Officer, Kolhapur

(V.M. Thimbare)