

MAHARASHTRA POLLUTION CONTROL BOARD
Regional Office, Pune

A) Details of CBMWTSDF	
1	Name and Address PASSCO ENVIRONMENTAL SOLUTIONS PRV. LTD. Railas Crematorium compound Next to Naidu, Hospital, Pune-41
	Contact Person Mr. Prabir Shil (Plant Incharge)
	Telephone No. 8605003382
	Mobile No. 9552502782
	Fax No. 020-25467096
	Web Site www.passco.in
2	Date of Visit 17/9/2013
3	Month of commissioning Jan-2013
4	Authorization No. and Validity MP(B/JD(PAMS)/BMW-Pune-46/2011 Date - 07/9/2011 Validity - 31/01/2014
5	Consent No. and Validity Not obtained
6	Jurisdiction: (Details) Pune municipal Corporation area & any other adjoining area mutually agreeable to municipal Corporation.

B) Segregation and Storage		
1	No. of bags collected per month (Aug-2013)	
	i Yellow	21068
	ii Red	9178
	iii Blue/ white	2327
	iv Black for Ash & Sludge	80
2	Total No. of HCEs cater service	591
	a Bedded Hospital	-
	b Non bedded Hospital	2375
	i Dispensaries	17
	ii Blood Bank	222
	iii Path Lab	NA
	iv Institutes	-
	v Veterinary	-
3	Annual report submitted in Form-II (Enclosed last three year copies duly certified by facility operator)	Enclosed soft copy to C.D.

C) Water Consumption and waste water generation		
1	Quantity and source of water (m ³ /day)	
i	Domestic	01
ii	Process	27.5
iii	Cooling	-
iv	Boiler	0.2
v	Laundry	-
vi	Any other (Washing, cleaning lab, Housekeeping)	03
2	Source of water supply- Details with Quantity (CMD)	
	Pune municipal corporation water supply.	
3	Waste water generation	
a	STP	0.8 CMD
b	ETP	18 CMD
4	Effluent treatment Plant units and capacity along with flow diagram	
	capacity - 5.0 CMD. collection tank, reaction cum settling tank. provided	
5	Location of discharge of treated effluent/ sewage	
	<u>Domestic Eff:-</u> Directly connected to PMC sewer line. <u>Indl. Eff:-</u> Treated eff. connected to PMC sewer line.	

D) Emission Details		
i	Details of Incineration & make model and year of establishment	make - Thermax India Ltd. model - PY 300 VS Est. Year - 2009
ii	Capacity (kg/hr)	185 kg/hr.
iii	Type of Fuel used & Quantity (KLD)	HSD - 200 lit / day
iv	Air pollution control facility (Unit & capacity)	Venturi scrubber followed by stack of 30 mtr. height provided.

v	Temperature of Primary chamber °C	800 ± 50 °C
vi	Temperature of Secondary chamber °C	1050 ± 50 °C
vii	Automatic feeding system; (Yes/ No)	Yes
viii	Stack details: (Height and diameter)	Height - 30 mtr Dia - 0.35 mtr
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.

xii	Whether incinerator is	
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DG Set Details		make- Kirloskar, Model-SER-11 473021 RB 33 Type, Capacity- 30 KVA
i	DG Set Make, Model & Capacity	05 lit/hr
ii	Fuel Used Quantity (lits/day)	6.0 mtr.
iii	Stack Height	Yes
iv	Acoustic enclosure provided	

iv Acoustic enclosure provided		Yes
E) Details of Shredder		
i	Make and model	make - Bhide & Sons Pvt. Ltd. Sangli model - CS/50
ii	Capacity (Kg/hr)	

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F) Details of Autoclave		
i	Make and model	make- Fabwell model- HRV- (6-6-15/SD/SG)
ii	Pre- Vacuum horizontal feeding	Yes
iii	Capacity Kg/hr or Lits/hr	100 50 kg/hr.
iv	Records of spore Test Result maintained- (Yes/No)	Yes
v	Thermal/Routine test conducted for each batch (Yes/ No)	Yes

G) Storage room of BMW	kept / stored in Carrels
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H)	Incineration Ash & ETP sludge send to CHWTSDf	Maharashtra Enviro Power Ltd.
i	CHWTSDf membership details	MEPL/CPP-059 validity - 27/01/2009
ii	HW Rules Form-V maintained (Annual return)	Hazardous Waste Annual returns not submitted to Board

K)	Nos of vehicles provided for transportation of BMW	07																																			
i	Enclosed list with photographs of vehicles	Photographs enclosed.																																			
ii	Make, Model and Capacity	<table border="1"><thead><tr><th>Vehicle No.</th><th>Make</th><th>Model</th><th>Capacity</th></tr></thead><tbody><tr><td>MH-12 FD 8468</td><td>Telco/Tata Ace</td><td>Dec-10</td><td>750 kg</td></tr><tr><td>MH-12 FD 8263</td><td>-11-</td><td>Dec-10</td><td>750 kg</td></tr><tr><td>MH-14 ED 1825</td><td>-11-</td><td>Oct-10</td><td>750 kg</td></tr><tr><td>MH-12 EQ 8220</td><td>-11-</td><td>Oct-08</td><td>750 kg</td></tr><tr><td>MH-12 FD 6160</td><td>-11-</td><td>July-10</td><td>750 kg</td></tr><tr><td>MH-14 CP 0816</td><td>-11-</td><td>Feb-11</td><td>750 kg</td></tr><tr><td>MH-12 FD 8785</td><td>mahindra & mahindra</td><td>Jan-11</td><td>850 kg</td></tr></tbody></table>				Vehicle No.	Make	Model	Capacity	MH-12 FD 8468	Telco/Tata Ace	Dec-10	750 kg	MH-12 FD 8263	-11-	Dec-10	750 kg	MH-14 ED 1825	-11-	Oct-10	750 kg	MH-12 EQ 8220	-11-	Oct-08	750 kg	MH-12 FD 6160	-11-	July-10	750 kg	MH-14 CP 0816	-11-	Feb-11	750 kg	MH-12 FD 8785	mahindra & mahindra	Jan-11	850 kg
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L)	Fire Fighting System	Provided (04 extinguishers plant room)
M)	First Aid Arrangement	Yes
N)	Whether training provided to Staff/ waste handlers	Yes.

O) Latest Monitoring report	
i Stack	TPM SOL
Date of monitoring	133 57.8
12/09/2013	mg/Hrs mg/Hrs

II Effluent	Date of monitoring	PH	BOD	COD	Oil G	SS
	08/15/2013	8.3	12.0	32.0	BDL	6.0
All values in mg/Lit except PH.						

P) Overall observation	
i	Facility has obtained authorization under BMW Rules. Not obtained consent under Water & Air Act.
ii	Total area of the facility is less than 1.0 acre.
iii	Separate housing not provided for each treatment equipment
iv	Only primary treatment provided for treatment of effluent, which seems to be inadequate.
v	

Q) Recommendations	
i	Obtain consent under Water & Air Act
ii	Upgrade existing ETP & treated effluent recycle. In no case discharge in local body sewer line
iii	Submit H.W. Annual returns. no form-IV.

Place	Pune	Name	A. D. Mohekar
Date	17/9/2013	Designation	Regional officer.

A. Mohekar