



TRM/ENV/2019/04/5A

30.04.2019

To,  
The Regional Officer III,  
Maharashtra Pollution Control Board  
201-202, Raikar Chambers,  
Govandi Station Road  
Near Jain Temple, Govandi  
Mumbai-400088

**Sub: -Six Monthly Compliance Report (October 2018 to March 2019)**

Dear Sir,

We are herewith submitting six monthly compliance report of Trombay Thermal Power Station for the period of **October 2018 to March 2019**

Thanking You,

Yours faithfully,

For The TATA Power Co Ltd.,

**Anil Jain**  
Chief-Trombay station.

**CC: Member Secretary, MPCB**

*D. Shinde 20/4/19*  
REGIONAL OFFICE, MUMBAI  
MAHARASHTRA POLLUTION CONTROL BOARD,  
RAIKAR CHAMBERS, "A" WING, 216, 2ND FLOOR  
DEONAR GAON ROAD, NEAR JAIN MANDIR,  
GOVANDI (E), MUMBAI - 400088

**TATA POWER**

The Tata Power Company Limited

Trombay Thermal Power Station Mahul Road Chembur Mumbai 400 074

Tel: 91 22 6717 1000 Fax 91 22 6668 7066 6668 7067

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ANNEXURE 1  
ROMBAY THERMAL POWER STATION  
CONSENT TRACKING SHEET

Consent to Operate No Format 1.0/BO/CAC-Cell/EIC No.:-TN-5575- 15/CAC/CC-9338. Dated 22.07.2016, valid up to 31.8.2021.

Status for FY 19

Consent Condition No	Term	Limit	Authority to whom report will be submitted	Status for FY 19					
				October 18	November 18	December 18	January 19	February 19	March 19
1	Validity of consent : 31.08.2021			31	30	31	31	28	31
2	Condition Under Water Act			Valid	Valid	Valid	Valid	Valid	Valid
(i)	Daily Quantity of Trade Effluent								
	DM Plant	2760 CMD		55	36	32	48	34	28
	Bottom Ash water + FGD Water	184800 CMD		22744	47806	10873	19917	3081	25506
	Condenser Cooling Water	4869600 CMD	MS/RO MPCB	2501410	2115619	2021418	1490586	2049345	2014774
	Boiler Blow Down	1000 CMD		198	208	127	82	243	192
(ii)	Sewage Effluent	275 CMD		149	149	149	149	150	149
(iv)	Trade Effluent								
(A)	Trade Effluent Treatment								
I.	DM Plant Effluent								
	pH ( Between )	5.5-9.0		7.3	7.3	7.2	7.2	7.3	7.2
	BOD ( Not to Exceed )	100		30	25	23	21	20	20
	COD ( Not to Exceed )	250		60	60	56	60	56	56
	Suspended Solids ( Not to Exceed )	100		16	14	15	18	17	15
	Oil & Grease ( Not to exceed )	10		Nil	Nil	Nil	Nil	Nil	Nil
II.	Condenser Cooling Water								
	pH ( Between )	6.5-8.5		7.4	7.3	7.3	7.3	7.3	7.3
	Free Chlorine	1 mg/l		Nil	Nil	Nil	Nil	Nil	Nil
	Inlet Temp	Deg C		29.7	32.9	30.1	25.3	25.6	29
	Outlet Temp	Deg C		35.9	37.9	34.7	30.4	31.9	35.8
				6.2	5	4.6	5.1	6.3	6.8
III.	Boiler Blow Down								
	Iron ( Not to Exceed )	1		0.016	0.018	0.018	0.017	0.027	0.017
	Copper ( Not to Exceed )	1		Nil	Nil	Nil	Nil	Nil	Nil
	Suspended Solids ( Not to Exceed )	100		Nil	Nil	Nil	Nil	Nil	Nil
	Oil & Grease ( Not to exceed )	10		Nil	Nil	Nil	Nil	Nil	Nil
IV.	Ash Pond Effluent								
	pH ( Between )	6.5-8.5		7.3	7.3	7.2	7.1	7.2	7.2
	Suspended Solids ( Not to Exceed )	100		27	26	28	23	20	28
	Oil & Grease ( Not to exceed )	10		Nil	Nil	Nil	Nil	Nil	Nil
V	FGD Effluent								
	pH ( Between )	6.5-8.5							
	DO	5 mg/l							
	Temperature ( Higher than intake water )	7 deg							
	Suspended Solids ( above intake sea wa	10%							
(C)	Submission of trade effluent report on monthly basis	15th of every month		12.11.2018	12.12.2018	10.01.2019	11.02.2019	14.03.2019	15.04.2019
(v)	Sewage Treatment								
	BOD ( Not to exceed )	100 mg/l		28	23	22	23	21	23
	Suspended Solids ( Not to exceed )	100 mg/l		31	30	40	32	27	32
(C)	Submission of sewage report on monthly basis	15th of every month		12.11.2018	12.12.2018	10.01.2019	11.02.2019	14.03.2019	15.04.2019

**TROMBAY THERMAL POWER STATION  
CONSENT TRACKING SHEET**

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Status for FY 19

Consent Condition No	Term	Limit	Authority to whom report will be submitted	Status for FY 19												
				October 18	November 18	December 18	January 19	February 19	March 19							
<b>3 Condition Under Cass Act</b>	Domestic	300 CMD		31	30	31	31	31	28	31						
	Industrial Cooling	48,69,600 CMD		186	187	186	186	187	186	186						
	Boiler Makeup	3650 CMD		2501410	2115619	2021418	1490586	2049345	2014774	552						
	Industrial Processing (Bottom Ash + FGD)	1,84,800 CMD		723	647	563	675	643	552							
<b>4 Condition under Air Act</b>	1) ESP efficiency test	Once in Quarter	MS/RO MPCB	22744	47806	10873	19917	3081	25506							
	Submission of report once in quarter	15th of July, October, January, April		12.12.2018	14.03.2019											
<b>5 Continous Stack Emission Monitoring</b>	SO2	U # 4	MS/RO MPCB	148	88	71	125	116	134							
		U # 5		247	151	251	148	130	156							
		U # 6		27	18	24	24	26	30							
		U # 4		30	27	30	31	32	38							
		U # 5		128	67	98	134	248	179							
		U # 6		32	28	31	32	31	33							
		U # 5		181	200	181	162	161	200							
		U # 7 (150 ppm)		12.11.2018	12.12.2018	10.01.2019	11.02.2019	14.03.2019	15.04.2019							
		U # 8		12.11.2018	12.12.2018	10.01.2019	11.02.2019	14.03.2019	15.04.2019							
		Submission of continous stack monitoring report on monthly basis		15th of every month												
<b>6 Water consumption for coal dust suppression</b>			MS/RO MPCB	12.11.2018	12.12.2018	10.01.2019	11.02.2019	14.03.2019	15.04.2019							
<b>B Stack emission Monitoring</b>		150 mg/Nm <sup>3</sup>	MS/RO MPCB	27	18	24	24	26	30							
				30	27	30	31	32	38							
				16.98	15.45	11.12	8.19	11.18	13.20							
				32	28	31	32	31	33							
				Unit Decomissined												
				Unit Shutdown												
				Unit Shutdown												
				Unit Shutdown												
<b>C Fuel Consumption Pattern</b>	Coal	T/D	8400	MS/RO MPCB	7025	5701	5571	3655	5803	5831						
					0.00	2.45	1.03	0.00	0.15	0.33						
					1011	1018	1034	810	974	1030						
Gas	T/D	2400		MS/RO MPCB	1011	1018	1034	810	974	1030						



