

TATA STEEL LIMITED

**Environmental Monitoring Report of CRM Complex at Bara, Jamshedpur
STACK EMISSION MONITORING REPORT FOR 2014-15**

All data in mg/Nm3

Location	Parameter	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15
Mill Fume Exhaust (Demister APC)	PM	8.9	10.2	10.5	12.8	10.9	8.5	10.4	12.4	13.2	12.2	10.9	11.3
	SOx	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NOx	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Boiler stack (O2 analyser)	PM	9.5	10.4	8.9	8.4	10.5	9.8	10.2	11.2	10.5	9.5	11.3	10.4
	SOx	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NOx	6	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
ARP stack (Scrubber)	PM	12.4	44.3	30.6	46.2	45.0	20.8	25.6	31.4	30.3	39.8	25.7	28.7
	SOx	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NOx	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
Pickling line fume exhaust (Scrubber)	Acid Mist	10.7	12.4	8.9	9.9	6.5	5.3	7.7	10.9	6.5	8.7	4.6	7.9
	PM	28.4	16.3	12.6	18.9	26.9	12.9	10.5	15.4	18.6	22.9	20.4	10.5
	SOx	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	NOx	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT
	Acid Mist	7.1	6.9	5.2	5.8	4.2	4.7	5.5	4.2	5.5	6.1	5.3	6.3

* NT = Not Tractable, NA = Not Available

Manager Lab.
Manager Lab.
Environment Management

Sr. Manager
Sr. Manager
Environment Management

TATA STEEL LIMITED

Environmental Monitoring Report of CRM Complex at Bara, Jamshedpur

CRM TREATED EFFLUENT MONITORING REPORT FOR 2014-15

Location	Parameter	Norm	Unit	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15
Drain at Gate No-1	pH	6.0-8.5	-	8.21	8.37	8.23	8.15	8.24	8.16	7.87	7.91	8.22	8.15	8.00	8.32
	TSS	100	mg/L	45	33	42	36	54	15	80	52	54	59	34	55.00
	Oil & Grease	10	mg/L	0.8	1	2.4	2.6	1.4	1.8	1.4	1.2	1.6	1.0	1.8	1.60
	Cr+6	0.20	mg/L	0.09	0.05	0.01	0.04	0.03	0.04	NT	0.04	NT	0.02	0.026	NT
Drain at Gate No-2	COD	250	mg/L	20	14	12	16	25	11	24	21	20	61	27	35.40
	pH	6.0-8.5	-	7.66	7.95	7.02	7.98	7.68	7.74	7.58	6.16	8.34	8.40	8.26	8.11
	TSS	100	mg/L	24	54	78	55	62	37	53	52	59	63	26	42
	Oil & Grease	10	mg/L	24	0.8	1.6	1.4	1.2	0.8	1	1	1.4	1.4	1.2	1.2
	Cr+6	0.20	mg/L	0.02	0.03	NT	0.03	NT	0.03	NT	0.02	NT	0.05	0.013	NT
	COD	250	mg/L	92	78	21	75	20	67	72	57	18	57	47	24.1

Standards applicable as per Environment (Protection) (Third Amendment) Rules, 2012 issued in Gazette of India Notification vide No.: G. S. R. 277 (E) dated March 31, 2012.

NT - Not Traced

Manoj Kumar

Manager - Lab.
Environment Management

Anup Sivarava

Sr. Manager
Environment Management

