

TABLE 6.1 : STACK CHARACTERISTICS AND EMISSION LOADS

Sl no.	Parameter	<u>Specifications</u> <u>60 tph Boiler</u>
1.	Stack Height	35 m
2.	Diameter of stack	1.25 m
3.	Velocity of exhaust gas	7.00 m/s
4.	Exhaust gas temperature	433 deg. K
5.	Particulate emission rate	0.295 g/s
6.	NOx	0.721 g/s

Table 6.2 : Ten Maximum 24 hourly values of SPM ($\mu\text{g}/\text{m}^3$)

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR (XR,YR)
1.	1.11432c	(10052024)	AT	(-369.55, 153.07)
2.	1.01818c	(10052024)	AT	(-461.94, 191.34)
3.	1.01032	(10052824)	AT	(277.16, -114.81)
4.	.99271c	(10052024)	AT	(-277.16, 114.81)
5.	.90348	(10052824)	AT	(369.55, -153.07)
6.	.85163c	(10052024)	AT	(-554.33, 229.61)
7.	.82987c	(10051124)	AT	(-369.55, 153.07)
8.	.82875c	(10052224)	AT	(500.00, .00)
9.	.82250c	(10052624)	AT	(-369.55, 153.07)
10.	.81057c	(10051024)	AT	(-369.55, 153.07)

Table 6.3 : Ten Maximum 24 hourly values of NO_x (ug/m³)

RANK	CONC	(YYMMDDHH)	AT	RECEPTOR	(XR,YR)
1.	2.89089c	(10052024)	AT	(-369.55,	153.07)
2.	2.65257c	(10052024)	AT	(-277.16,	114.81)
3.	2.59165c	(10052024)	AT	(-461.94,	191.34)
4.	2.57652	(10052824)	AT	(277.16,	-114.81)
5.	2.26496	(10052824)	AT	(369.55,	-153.07)
6.	2.17610c	(10052224)	AT	(500.00,	.00)
7.	2.15431c	(10051124)	AT	(-369.55,	153.07)
8.	2.14289c	(10052024)	AT	(-554.33,	229.61)
9.	2.13433c	(10052624)	AT	(-369.55,	153.07)
10.	2.13276c	(10052224)	AT	(400.00,	.00)