

STACK EMISSION ANALYSIS REPORT (OCTOBER 20 to MARCH 21)

STACK ATTACHED TO	Process Emission/ Flue Gas Emission	PARAMETER	Unit	Month						
				GPCB Norms	Oct-20	Nov-20	Dec-20	Jan-21	Feb-21	Mar-21
TTC Plant Scrubber	Process Emission	Hydrogen Chloride as HCl	mg/Nm ³	20 mg/Nm ³	2.1	1.0	1.8	1.7	1.1	1.0
		Chloride as Cl ₂	mg/Nm ³	9 mg/Nm ³	BDL	BDL	BDL	BDL	BDL	BDL
MOR Scrubber	Process Emission	Hydrogen Chloride as HCl	mg/Nm ³	20 mg/Nm ³	1.5	1.8	S/D	1.4	1.8	1.2
		Chloride as Cl ₂	mg/Nm ³	9 mg/Nm ³	BDL	BDL	S/D	BDL	BDL	BDL
TEAL Derivative Scrubber	Process Emission	Hydrogen Chloride as HCl	mg/Nm ³	20 mg/Nm ³	1.8	1.4	1.1	1.3	1.2	1.5
		Chloride as Cl ₂	mg/Nm ³	9 mg/Nm ³	BDL	BDL	BDL	BDL	BDL	BDL
Boiler (3 Nos.) & TFH : 1	Flue Gas Emission	Particulate Matter	mg/Nm ³	150 mg/Nm ³	17	12	17	20	17	15
		Sulphur Dioxide as SO ₂	ppm	100 ppm	7	5	10	15	7	5
		Oxides of Nitrogen as NO ₂	ppm	50 ppm	10	8	12	18	11	8
TFH : 2 & 5 (TnBal Plant)	Flue Gas Emission	Particulate Matter	mg/Nm ³	150 mg/Nm ³	12	14	20	14	19	16
		Sulphur Dioxide as SO ₂	ppm	100 ppm	6	10	12	5	10	7
		Oxides of Nitrogen as NO ₂	ppm	50 ppm	10	12	16	7	13	11
TFH : 3 (Pilot Plant)	Flue Gas Emission	Particulate Matter	mg/Nm ³	150 mg/Nm ³	S/D	S/D	S/D	S/D	S/D	S/D
		Sulphur Dioxide as SO ₂	ppm	100 ppm	S/D	S/D	S/D	S/D	S/D	S/D
		Oxides of Nitrogen as NO ₂	ppm	50 ppm	S/D	S/D	S/D	S/D	S/D	S/D
TFH-4 (Alkyl-DEZ plant)	Flue Gas Emission	Particulate Matter	mg/Nm ³	150 mg/Nm ³	20	18	14	18	16	20
		Sulphur Dioxide as SO ₂	ppm	100 ppm	12	11	7	10	6	15
		Oxides of Nitrogen as NO ₂	ppm	50 ppm	16	15	9	12	10	18

Note : S/D : Shut down

BDL : Below detection limit

Monitoring by Siddhi Green Excellence Pvt. Ltd.(NABL Approved lab)

Monitoring Frequency : Once in a Month