

S.M. SCIENTIFIC SERVICE

Environmental Laboratory Recognised by West Bengal pollution Control Board

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ANALYSIS REPORT OF FLUE GAS

NAME OF INDUSTRY	M/S. ALMEGA PAINTS PVT. LTD.
ADDRESS	Mouza - Tulsiberia, J.L. No. - 1, Tulsiberia Road, P.O. & P.S. - Uluberia, Howrah - 711401, W.B
DATE OF SAMPLING	15-06-2015
TIME OF SAMPLING	13:30Hrs

A	General Information about Stack	
1.	Stack Connected to	Thermic Fluid heater - 1 (TFH 2 is shut down during sampling)
2.	Emission due to	Burning of Diesel.
3.	Material of Construction of Stack	M.S.
4.	Shape of Stack	Circular
5.	Whether Stack is provided with Permanent Platform & Ladder	Permanent
6.	Capacity	6 Lac - Kcal/hr
B.	Physical Characteristics of Stack	
1.	Height of the Stack	
	(a) From Ground Level (m)	30.0
	(b) From Roof Level (m)	-
2.	Height of the sampling point from GL (m)	7.0
3.	Diameter of the Stack	
	(a) at bottom (m)	-
	(b) at top (m)	-
4.	Diameter of the Stack at sampling point (m)	0.6
C.	Analysis/Characteristics of Stack	
1.	Fuel used	Diesel
2.	Fuel consumption	35 Lit/hr
3.	Calorific value (K-Cal/Kg.)	-
4.	Sulphur content (% by Wt)	-
5.	Ash content (% by Wt)	-
D.	Results of sampling & analysis of gaseous emission	
1.	Temperature of emission (°C)	168
2.	Barometric pressure (mm Hg)	752
3.	Velocity of gas in duct (M/Sec)	7.93
4.	Quantity of gas flow (Nm ³ /Hr.)	5250.13
5.	Concentration of SO ₂ (mg/Nm ³)	46
6.	Concentration of NO ₂ (mg/Nm ³)	-
7.	Concentration of CO (% V/V)	-
8.	Concentration of CO ₂ (% V/V)	6.0
9.	Concentration of PM (mg / Nm ³)-	39
E.	Pollution Control Device	
F.	Details of pollution control device attached with the stack	None
Remarks: All the information under A, B & C is supplied by the respective industry		

For S. M. Scientific Service

(Lab - In charge)

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