

Delta-Galil - Carmiel. 2 Stacks Test Results. 17/07/2017.

Stack No.	Stack Gas Parameters Measured	Value	Units	Sampling Time <i>HH:mm</i>	Hazard Sampled	Hazard Instack Conc-n (St-d Cond-s 0 oC) <i>mg/dscm</i>	Hazard Instack Conc-n (St-d Cond-s, 0 oC, Norm-d to 3 % O2) <i>mg/dscm</i>	Hazard Emission Rate <i>Kg/Hour</i>	Remarks
Stack 1 Small Steam Boiler Stack HFO	Temp.	158.2	<i>o C</i>	07:54-08:44	Total Dust	46.2	56.1	0.1545	
	Water Cont-t	9.29	<i>% vol</i>			SO2	895.1	1,086	2.991
	Gas Velocity	3.70	<i>m/sec</i>	07:56-08:26	NOX	488.5	592.8	1.632	
	Act. Gas Flow	5,889	<i>acm/Hr</i>		CO	36.9	44.7	0.1232	
	St-d. Gas Flow	3,341	<i>dscm/Hr</i>		CO2	11.2	<i>% vol</i>	736.5	
					O2 (Measured)	6.15	<i>% vol</i>	-----	
					O2 (for Norm-n)	3.0	<i>% vol</i>	-----	
Stack 3 "MAMTECHA" Stack	Temp.	102.6	<i>o C</i>	09:40-10:09	Total Dust	8.84	-----	0.0246	
	Water Cont-t	2.50	<i>% vol</i>						
	Gas Velocity	1.73	<i>m/sec</i>						
	Act. Gas Flow	3,967	<i>acm/Hr</i>						
	St-d. Gas Flow	2,778	<i>dscm/Hr</i>						

- Remarks:**
- Hazard Concentrations were Calculated at Standard Conditions (Dry Gas, 0 oC, Atmospheric Pressure).
Boilers Concentrations (Stack 1) were Normalysed to 3% Oxygen.
TOC Concentration was Calculated as Carbon.
 - "< LOD" = less than the Limit of Determination. "< LOQ" = less than the Limit of Quantification.