PLASAN-TECH - Kibbutz Sasa. 4 Stacks Periodic Test Results. 06/03/2019.

Stack No.	Stack Gas Parameters Measured	Value	Units	Sampling Time HH:mm	Hazard Sampled	Hazard Instack Conc-n (St-d Cond-s, 0 oC) mg/dscm	Hazard Emission Rate Kg/Hour	Remarks	Emission Standard TA-LUFT-2002 Hazard Instack Conc-n (St-d Cond-s, 0 oC) mg/dscm	Emission Standard TA-LUFT-2002 Remarks
Stack 01.	Temp.	22.5	o C	10:05-10:56	Total Dust	0.95	0.00946		50/20/10/5	-----
	Water Cont-t	1.69	% vol		As	0.0153	0.00015	< LOD	0.05	-----
	Gas Velocity	13.28	m/sec		Cd	0.0031	0.00003	< LOD	0.05	-----
	Act. Gas Flow	11,238	acm/Hr		Co	0.0031	0.00003	< LOD	0.50	-----
	St-d. Gas Flow	9,978	dscm/Hr		Cr	0.0095	0.00009		1.0	-----
					Cu	0.0118	0.00012	< LOD	1.0	-----
					Mn	0.0128	0.00013		1.0	-----
					Ni	0.0074	0.00007		0.50	-----
					Pb	0.0127	0.00013	< LOD	0.50	-----
					Sb	0.0153	0.00015	< LOD	1.0	-----
					Se	0.0065	0.00006	< LOD	0.50	-----
					Sn	0.0153	0.00015	< LOD	1.0	-----
					Te	0.0153	0.00015	< LOD	0.50	-----
					TL	0.0065	0.00006	< LOD	0.05	-----
					V	0.0031	0.00003	< LOD	1.0	-----

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Stack No.	Stack Gas Parameters Measured	Value	Units	Sampling Time HH:mm	Hazard Sampled	Hazard Instack Conc-n (St-d Cond-s, 0 oC) mg/dscm	Hazard Emission Rate Kg/Hour	Remarks	Emission Standard TA-LUFT-2002 Hazard Instack Conc-n (St-d Cond-s, 0 oC) mg/dscm	Emission Standard TA-LUFT-2002 Remarks
Stack 02.	Temp.	26.4	o C	13:05-13:58	Total Dust	0.91	0.01350		50/20/10/5	-----
	Water Cont-t	1.60	% vol	13:20-13:49	TOC as Carbon	13.33	0.19853		50/20	-----
	Gas Velocity	21.46	m/sec							
	Act. Gas Flow	16,995	acm/Hr							
	St-d. Gas Flow	14,893	dscm/Hr							
Stack 03.	Temp.	25.0	o C	11:20-12:11	Total Dust	1.15	0.01895		50/20/10/5	-----
	Water Cont-t	1.22	% vol	11:30-11:59	TOC as Carbon	2.03	0.03334		50/20	-----
	Gas Velocity	25.77	m/sec							
	Act. Gas Flow	18,551	acm/Hr							
	St-d. Gas Flow	16,409	dscm/Hr							

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Stack No.	Stack Gas Parameters Measured	Value	Units	Sampling Time HH:mm	Hazard Sampled	Hazard Instack Conc-n (St-d Cond-s, 0 oC) mg/dscm	Hazard Emission Rate Kg/Hour	Remarks	Emission Standard TA-LUFT-2002 Hazard Instack Conc-n (St-d Cond-s, 0 oC) mg/dscm	Emission Standard TA-LUFT-2002 Remarks
Stack 04.	Temp.	25.5	o C	14:15-15:28	Total Dust	0.62	0.00713		50/20/10/5	-----
	Water Cont-t	1.34	% vol		As	0.0120	0.00014	< LOD	0.05	-----
	Gas Velocity	20.27	m/sec		Cd	0.0024	0.00003	< LOD	0.05	-----
	Act. Gas Flow	13,135	acm/Hr		Co	0.0024	0.00003	< LOD	0.50	-----
	St-d. Gas Flow	11,583	dscm/Hr		Cr	0.0061	0.00007		1.0	-----
					Cu	0.0092	0.00011	< LOD	1.0	-----
					Mn	0.0075	0.00009		1.0	-----
					Ni	0.0044	0.00005		0.50	-----
					Pb	0.0099	0.00011	< LOD	0.50	-----
					Sb	0.0120	0.00014	< LOD	1.0	-----
					Se	0.0051	0.00006	< LOD	0.50	-----
					Sn	0.0120	0.00014	< LOD	1.0	-----
					Te	0.0376	0.00044	< LOD	0.50	-----
					TL	0.0051	0.00006	< LOD	0.05	-----
					V	0.0024	0.00003	< LOD	1.0	-----

Remarks: 1. The Concentrations were Calculated at Standard Conditions (Dry Gas, 0 oC, Atmospheric Pressure).
TOC Concentrations were Calculated as Carbon.
2. "< LOD" = less than the Limit of Determination. "< LOQ" = less than the Limit of Quantification.