

24 July 2015

Data for Emission testing 12 May 2015

Date results received 21st July 2015

DP5; Light End Scrubber

Pollutant	Unit of measure	Mean of sample	Limit Conditions
Temperature	oC	16	na
Volatile organic compounds	mg/m3	9.3	20
Velocity	m/s	3.9	na
Dry gas density	kg/m3	1.29	na
Molecular weight of stack gases	g/g-mol	28.8	na
Volumetric flowrate	m3/s	0.11	na
Moisture	%	1.6	na

DP19; Fired Heater

Pollutant	Unit of measure	Mean of samples	Limit conditions
Temperature	oC	85	na
Nitrogen Oxides	mg/m3	278	350
Hydrogen sulfide	mg/m3	< 0.22	5
Oxygen	%	7.8	na
Velocity (at sample plane)	m/s	2.6	na
Velocity (at stack exit)	m/s	5.7	na
Dry gas density	kg/m3	1.31	na
Sulfuric acid mist and sulfur trioxide (as SO ₃ equivalent)	mg/m3	9.8	100
Odour	OU	460	na
Molecular weight of stack gases	g/g-mol	29.3	na
Volumetric flowrate	m3/s	0.43	na
Moisture	%	22	na
Carbon monoxide	mg/m3	1.8	na
Solid particles	mg/m3	29	50

