

30th June 2014

Data for Emission testing 5th - 6th May and 5th June 2014

Date results received 24th June 2014

Six Monthly Test Round

Discharge Point 5; Light End Scrubber

Pollutant	Unit of measure	Mean of sample	Limit Conditions
Temperature	°C	23.0	na
Volatile organic compounds	mg/m ³	< 5.39	20
Odour	OU	343	na
Velocity	m/s	5.74	na
Dry gas density	kg/m ³	1.29	na
Molecular weight of stack gases	g/g-mol	28.8	na
Volumetric flowrate	m ³ /s	0.180	na
Moisture	%	2.10	na

Discharge Point 19; Fired Heater 5th -6th May 2014

Pollutant	Unit of measure	Mean of samples	Limit Conditions
Temperature	°C	90	na
Nitrogen Oxides	mg/m ³	170	350
Hydrogen sulphide	mg/m ³	n/a	5
Oxygen	%	8.02	na
Velocity	m/s	4.49	na
Dry gas density	kg/m ³	1.25	na
Sulphuric acid mist and sulphur trioxide (as SO ₃ equivalent)	mg/m ³	2.20	100
Odour	OU	793	na
Molecular weight of stack gases	g/g-mol	27.9	na
Volumetric flowrate	m ³ /s	0.347	na
Moisture	%	18.7	na
Carbon monoxide	mg/m ³	3.38	na
Solid particles	mg/m ³	4.67	50

Discharge Point 19; Fired Heater re- test 5 June 2014 due to contamination of the Hydrogen Sulphide Sample

Pollutant	Unit of measure	Mean of samples	Limit Conditions
Temperature	°C	90	na
Nitrogen Oxides	mg/m ³	217	350
Hydrogen sulphide	mg/m ³	< 3.96	5
Oxygen	%	7.35	na
Velocity	m/s	4.28	na
Dry gas density	kg/m ³	1.26	na
Molecular weight of stack gases	g/g-mol	28.1	na
Volumetric flowrate	m ³ /s	0.320	na
Moisture	%	20.9	na
Carbon monoxide	mg/m ³	6.85	na

