

# September 2017 Independent Stack Test Results

Flue Gas Parameter	Units	Emission Limit Value (ELV)	Line 1		Line 2		Average
			Result	% of ELV	Result	% of ELV	% of ELV
Dioxins & Furans (as I-TEQ)	ng/m3	0.10	0.0035	3.50%	0.0002	0.22%	<b>1.86%</b>
Total Particulate Matter	mg/m3	30	1.350	4.50%	0.830	2.77%	<b>3.63%</b>
Hydrogen Chloride	mg/m3	60	0.030	0.05%	0.072	0.12%	<b>0.09%</b>
Cadmium & Thallium	mg/m3	0.05	0.0007	1.42%	0.0006	1.12%	<b>1.27%</b>
Heavy Metals	mg/m3	0.50	0.159	31.80%	0.130	26.00%	<b>28.90%</b>
Mercury	mg/m3	0.05	0.0003	0.60%	0.0009	1.82%	<b>1.21%</b>
Arsenic	mg/m3	0.20	0.0007	0.33%	0.0006	0.30%	<b>0.31%</b>
Hydrogen Fluoride	mg/m3	4	0.0036	0.09%	0.0420	1.05%	<b>0.57%</b>
Sulphur Dioxide	mg/m3	200	0.0620	0.03%	0.0680	0.03%	<b>0.03%</b>
Total Organic Content	mg/m3	20	2.000	10.00%	0.290	1.45%	<b>5.73%</b>
Oxides of Nitrogen	mg/m3	400	103.2	25.80%	106.7	26.68%	<b>26.24%</b>
Carbon Monoxide	mg/m3	100	1.82	1.82%	0.23	0.23%	<b>1.03%</b>

Reference Conditions are: 273K, 101.3kPA, dry gas, 11% oxygen