

ESG1 EXHAUST STEAM GENERATOR



MUNICIPALITY APPLICATION - Page 1 of 2



SAVINGS COMPARISON ANALYSIS

Customer Name: **Manningham City Council - Australia** Customer Code: Reference: Municipality 00-1978

DATA without a Cain System		PERFORMANCE with a Cain System	
Quascor SFGLD 480 Engine		ESG1-616817CSS	
Heat Sink	Steam	Operating Steam Pressure	115 PSIG
Waste Exhaust Temp	729°F	Final Exhaust Temp	432°F
Water Temp. Inlet	N/A	Boiler Horsepower	21 BHP
SCFM	1,906	Equivalent Evaporation	712 pph
Fuel Type	Natural Gas	Pressure Drop, Exhaust	1.82" WC
O2 Content	N/A	BTU/hr Recovered	691,000
Excess Air	N/A	BTU/hr Saved	863,600
Combustion Efficiency	80% (relative)	Total Cost	\$84,602
Fuel Cost Per Therm	\$.85		
Annual Operating Hours	6,000		

Payback: 23 mo.
Annual ROI: 52%
Annual Savings: \$44,045

Life Expectancy Savings: \$770,788 (15-20 years)

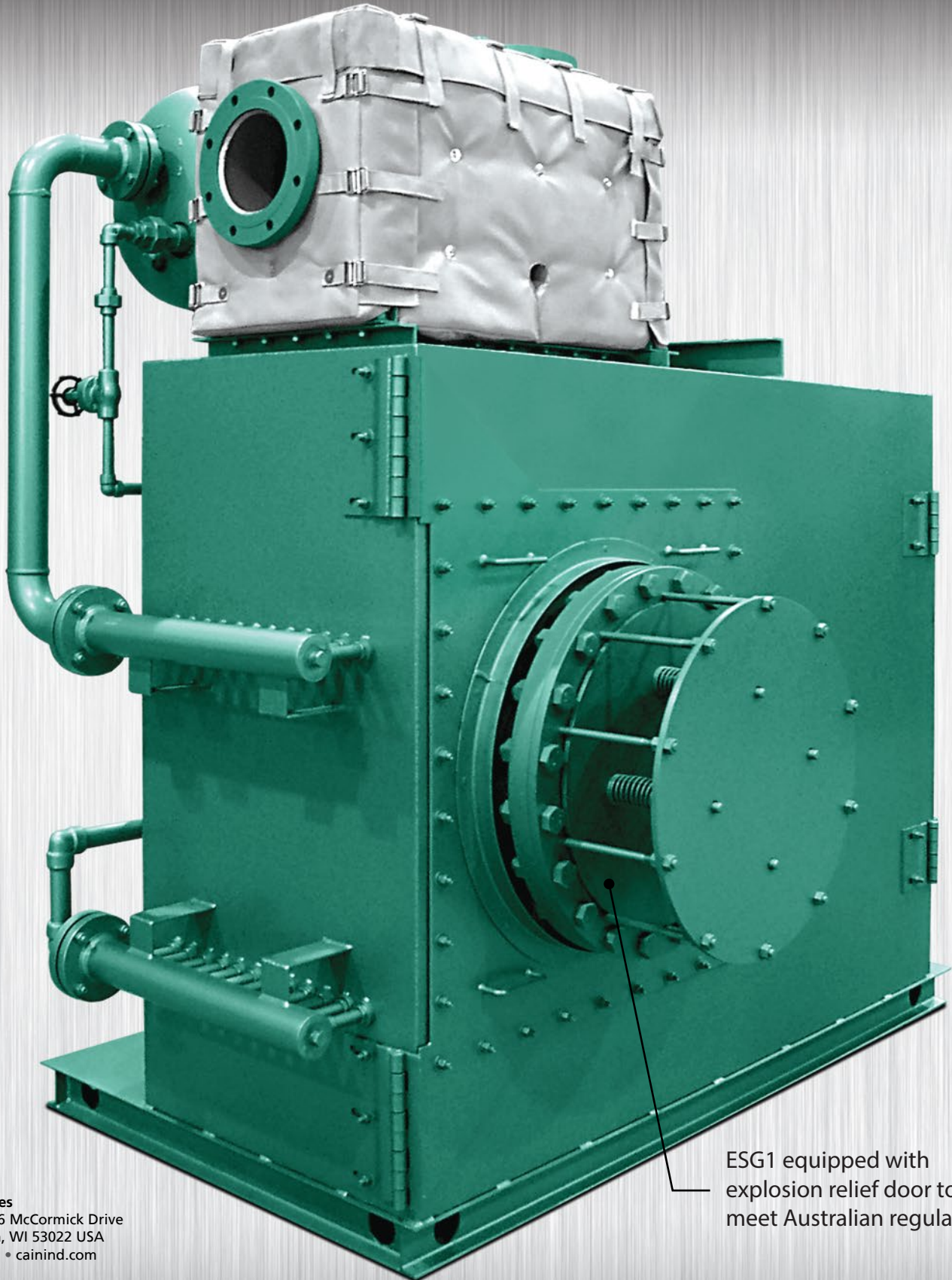
Savings comparison data is based on a conservative fuel cost per therm and approximate operating hours. Contact Cain Industries for your FREE savings analysis proposal.

Cain Industries
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 Germantown, WI 53022 USA
 262.251.0051 • cainind.com

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ESG1 equipped with explosion relief door to meet Australian regulations

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