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RECORD OF COMMUNICATIONS

SIGMA THERMAL NO_x CONTROL

PREPARED FOR:	Enric Fernandez, Donlin Gold
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Record of communication between Kevin Lewis and Nicholas Krauss, Sigma Thermal regarding the Donlin Gold carbon elusion heater (EU ID 18).

Available NO_x Combustion Technology

Flue gas recirculation (FGR) is available for EU ID 18. LNB is not available due to this unit being dual fuel. The cost for FGR is approximately \$15,000 to 20,000.

The NO_x emissions for FGR range from 30-50 ppm for natural gas firing and 150-170 ppm for oil firing. The CO emissions are 100-150 ppm for natural gas firing and 250-300 ppm for oil firing.

The turndown range is reduced for an FGR heater compared to a standard combustion heater.

Contact Information

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