

ANGUIL

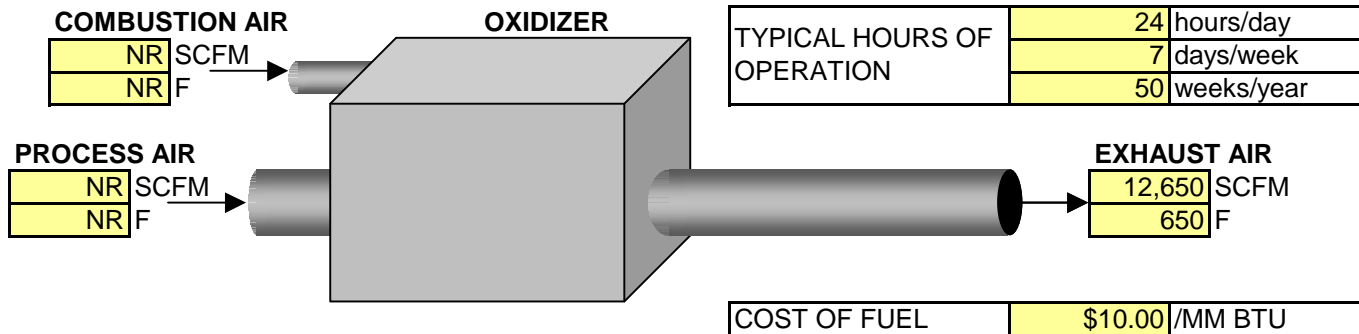
ENERGY RECOVERY OPPORTUNITY ANALYSIS

JOB PICTURES

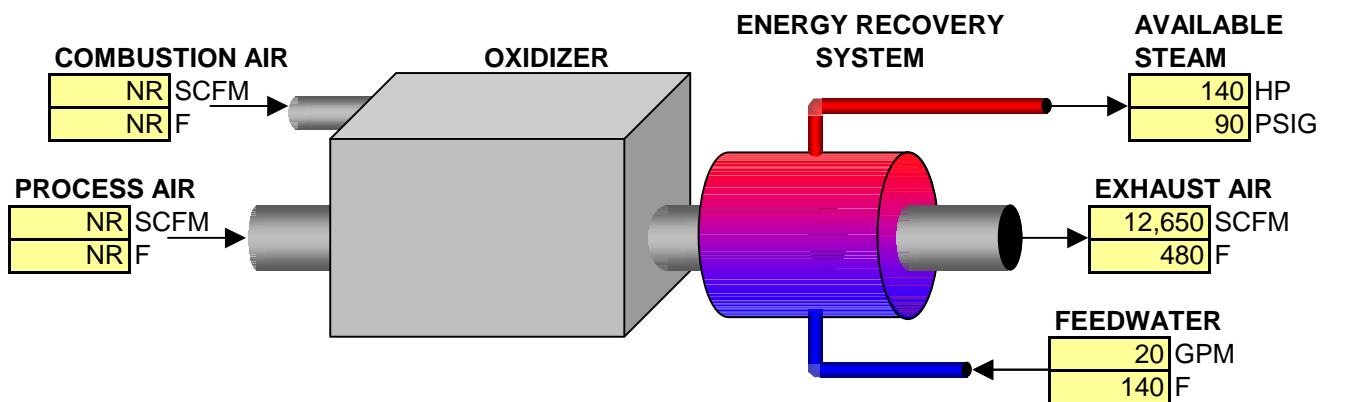
SYSTEM INFORMATION

Company Operating System:	Aluminum Processing Facility
System Type:	15,000 SCFM Regenerative Thermal Oxidizer (RTO)
System Notes:	Normal Operation is 12,650 SCFM with up to 650 F exhaust temperature.
Energy Recovery System Evaluated:	Add Waste Heat Recovery Boiler to Oxidizer Exhaust Stack. Use waste heat to generate steam.

REPORTED VALUES



PROJECTED VALUES WITH ENERGY RECOVERY SYSTEM



TOTAL ENERGY RECOVERED	2.58	MM BTU/HR
ADJUSTMENT FACTOR FOR PORTION OF AVAILABLE RETURN HEAT USED	100	% See Note #1

ESTIMATED HOURLY SAVINGS OPPORTUNITY	\$25.81 /HOUR
ESTIMATED YEARLY SAVINGS OPPORTUNITY	\$216,770.40 /YEAR

NOTES/RECOMMENDATIONS:

