



**Energy Recovery Assessment  
Process Data Collection.**

<b>Company.</b>		<b>Date.</b>	
<b>Contact Name.</b>		<b>Contact Position.</b>	
<b>Contact Phone.</b>		<b>Contact Email.</b>	
<b>Facility Location.</b>		<b>Project #</b>	

<b>Industry</b>			
<b>Production Unit.</b> Eg Furnace, Oven, Tunnel, Thermal Oxidizer, Other			
<b>Equipment Manu.</b> Model #		<b>Burner Manu.</b> Model and # of	
<b>Energy Type Used. *</b> Natural Gas / Oil/ Electric/ Other			
<b>Process Energy Consumed*</b> (MCF/ MMBTU/ kW)		<b>Cost of Energy</b> (MCF/ MMBTU/ kW)	
<b>Exhaust Form. *</b> Air/Gas/Water/Oil			
<b>Exhaust Exit Temp.</b> From Process °C or °F		<b>Exhaust Temperature *</b> After dilution °C or °F	
<b>Exhaust Flow Rate From Process</b> SCFM, ACFM, lb/hour, kg/hour, Nm <sup>3</sup> /hour		<b>Exhaust Flow Rate</b> After dilution SCFM, ACFM, lb/hour, kg/hour, Nm <sup>3</sup> /hour	
<b>Use for Recovered Energy. *</b> Pre heated combustion air/ heated water/ heated oil/ facilities heat.			
<b>Required Form of Recovered Energy.*</b> (Air, Water, Oil, Other)		<b>Required Temp. for Recovered Energy*</b> °C or °F	
<b>Required Return Mass Flow*</b> SCFM, ACFM, lb/hour, kg/hour, Nm <sup>3</sup> /hour		<b>Maximum Allowable Pressure Drop</b> Kpa, IWC, PSI	

<b>Process Time:</b>	<b>Hours per Day *</b>		<b>Days per Week *</b>		<b>Weeks per Year *</b>	
----------------------	------------------------	--	------------------------	--	-------------------------	--

Comments:

\* Required Information.

MANTRA Innovative Systems 200 Wingo Way, Suite 100 Mt. Pleasant, SC 29464

Phone: (1) 843 724 3461

www.MantraInnovative.com

Skype: Mantra.Innovative.Systems