

CalorVal BTU Analyzer Application Survey

CONTACT INFO

Date:

Name:

Phone:

Company:

Fax:

Address:

Email:

APPLICATION INFO

Flare Stack Control Turbine Control Feed Forward Control Gas Mixing Control Monitoring

Other, Specify: _____ Number of points to be monitored? _____

Please describe why you are interested in an analyzer. What do you want the analyzer to do for you?

Gases Present in Sample Stream	Concentration			Unit of Measure	
	Minimum	Normal	Maximum	% V	% WT

Additional information attached _____

Describe process conditions at sample point:

	Minimum	Normal	Maximum	Unit of Measure	
Measurement Range				BTU/SCF	MJ/Nm ³
Temperature				°F	°C
Pressure				psig	barg
Oxygen				% V	
Water Vapor					
Gas Stream Flow Rate					

Can you vent uncombusted sample back into the process? Yes No

 Can sample pickup point be located within ± 15" of H₂O gauge? Yes No

 H₂S or other corrosive gases in sample? Yes No

Required speed of response: _____

Requirements for the analyzer assembly in the vicinity of the sample point:

Electric Power: 115 VAC 230 VAC Location: Indoor NEMA 12 Indoor NEMA 4X Outdoor NEMA 4X

Area Classification: Class I Div 1 Class I Div 2 General Purpose Groups C & D Groups B, C, D

Is an agency approval required for the analyzer (if so, what approval agency)?

..... **SUBMIT**