

## 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	
				BTU/SCF	MJ/Nm <sup>3</sup>
Measurement Range				°F	°C
Temperature				psig	barg
Pressure				% V	
Oxygen					
Water Vapor					
Gas Stream Flow Rate					

Can you vent uncombusted sample back into the process?    Yes    No    If no, can you vent uncombusted sample to a safe ambient pressure (0 psig) location?    Yes    No

 Can sample pickup point be located within ± 15" of H<sub>2</sub>O gauge?    Yes    No

 H<sub>2</sub>S 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 &amp; D    Groups B, C, D

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

..... SUBMIT .....