Gas Flow Monitor Applications Data Sheet

In order to design an EMRC Gas Flow Monitor to best 'fit' each application, it is essential to carefully evaluate each gas stream. Please complete the following data sheet and send to EMRC with your inquiry or order. Fax this document to (816) 761-5216 or send to the following address:

EMRC
Robert Miles
P.O. Box 9883
Kansas City, MO 64134

For fastest response, e-mail your answers to MILESRBT@prodigy.net.

General Process Description

Type of Process: _____

_____

_____

Air Polution Control System: _____

_____

_____

Site of Gas Flow Monitor in the Process: _____

_____

_____

Stream Characteristics

Gas Velocity: _____

Gas Temperature: _____

Particulate Concentration and Description: _____

_____

Duct Static Pressure: _____

%02 and %CO2 v/v Dry: _____

%H2) v/v: _____

Describe other species present in concentrations >0,2% v/v: _____

_____

_____

Instrument Site

Height of Stack at Monitor Level (ft.): _____

Diameter of Stack at Monitor Level (ft.): _____

Flange size available for gas flow probe (150 lb. preferred): _____

Flange face to inner wall distance: _____

Distance to intended instrument housing (ft.): _____

Is the instrument housing thermally controlled? _____

Data Output

Desired output signal (4-20 ma, 0-1 v, etc.): _____

Is an onsite computer available for calculation of desired units of reporting?: _____

List desired units of reporting (integrated output: FPS, FPM, CFM, PPH, etc., as provided by inhouse or on-board computer.):

_____

_____

_____

Probe Design

Number of sampling points desired (or required):

_____

_____

Contact Information

Name:_____

Company: _____

Telephone: _____

Fax: _____

E-mail: _____