



Instructions: Please fill out the fields in YELLOW color. Any field with a GREEN title block is a required field.

Today's Date:                      **GE Sensing Flare Gas Application Data Sheet**

**Contact Information**

<b>Name:</b>		<b>Phone:</b>	
<b>Company:</b>		<b>Fax:</b>	
<b>Address:</b>		<b>E-mail:</b>	
<b>Installation Address:</b>			
<b>Account Manager/Sales rep (if known)</b>			

**Process Data**

<b>Tag Number(s):</b>							
<b>Stream composition and %:</b>							
<b>Typical % of attenuating gases:</b>	<b>CO2%</b>		<b>H2%</b>				
<b>Typical % of corrosive gases:</b>	<b>Wet H2S%</b>			<b>Chlorides %</b>		<b>Other</b>	
<b>Flow Rate:</b>	<b>Units:</b>		<b>Minimum:</b>		<b>Nominal:</b>		<b>Maximum</b>
<b>Bidirectional Flow:</b>	<input type="checkbox"/> NO		<input type="checkbox"/> YES				
<b>Molecular Weight</b>	<b>Units:</b>		<b>Minimum:</b>		<b>Nominal:</b>		<b>Maximum</b>
<b>Viscosity:</b>	<b>Units:</b>		<b>Minimum:</b>		<b>Nominal:</b>		<b>Maximum</b>
<b>Density:</b>	<b>Units:</b>		<b>Minimum:</b>		<b>Nominal:</b>		<b>Maximum</b>
<b>Pressure:</b>	<b>Units:</b>		<b>Minimum:</b>		<b>Nominal:</b>		<b>Maximum</b>
<b>Temperature:</b>	<b>Units:</b>		<b>Minimum:</b>		<b>Nominal:</b>		<b>Maximum</b>
<b>Liquid Droplets:</b>	<input type="checkbox"/> NO		<input type="checkbox"/> YES		If yes, please specify % by volume:		
<b>Suspended Solids:</b>	<input type="checkbox"/> NO		<input type="checkbox"/> YES		If yes, please specify % by volume:		

**Transducer/Flowcell Installation**

<b>Pipe Details</b>	<b>Pipe Material:</b>		<b>Pipe Size:</b>		<b>Wall Thickness/Pipe Schedule:</b>	
	<b>Pipe Lining:</b>		<b>Flange Rating:</b>			
<b>Approx. Stright run of pipe:</b>	<b>Upstream:</b>		<b>Downstream:</b>		<i>Recommend for Gas: 20 Upstream, 10 Downstream</i>	
<b>Measurement Location:</b>	<input type="checkbox"/> Main Header		<input type="checkbox"/> Flare Lateral Header		<input type="checkbox"/> Other <input type="checkbox"/> Other Details	
	<input type="checkbox"/> Pipe Vertical		<input type="checkbox"/> Pipe Horizontal			
	<input type="checkbox"/> Before Seal Drum		<input type="checkbox"/> After Seal Drum			
	<input type="checkbox"/> Before knock-out drum		<input type="checkbox"/> After knock-out drum			
<b>Flowcell Required:</b>	<input type="checkbox"/> NO <input type="checkbox"/> YES		(If Yes, complete FLOWCELL APPLICATION DATA SHEET)			
<b>Isolation Valve (for transducer removal):</b>	<input type="checkbox"/> Provided By Customer		<input type="checkbox"/> Provided By GE Sensing		<input type="checkbox"/> None	
<b>Transducer Location:</b>	<input type="checkbox"/> Indoors		<input type="checkbox"/> Outdoors			
	<input type="checkbox"/> Hazardous		<input type="checkbox"/> Nonhazardous		<input type="checkbox"/> Nonhazardous Weatherproof	
	<input type="checkbox"/> Non Hazardous		<input type="checkbox"/> Hazardous			
	If Hazardous, specify area rating:					

**Measurement Parameters**

<b>Flow Measurement:</b>	<input type="checkbox"/> Actual Volumetric	<input type="checkbox"/> Std Vol	<input type="checkbox"/> Mass Flow
<b>Outputs:</b>	<input type="checkbox"/> 0 to 20 mA <input type="checkbox"/> 4 to 20 mA <input type="checkbox"/> Other		
	<input type="checkbox"/> Foundation Fieldbus	<input type="checkbox"/> HART	<input type="checkbox"/> Modbus/RS485 <input type="checkbox"/> Modbus/TCP
	<input type="checkbox"/> Ethernet	<input type="checkbox"/> OPC Server	<input type="checkbox"/> PanaView/RS232 <input type="checkbox"/> PanaView/RS485 <input type="checkbox"/> Pulse/Frequency
<b>Analog Inputs:</b>	<input type="checkbox"/> 4 to 20 mA	<input type="checkbox"/> Direct RTD	
<b>Alarms:</b>	<input type="checkbox"/> None	<input type="checkbox"/> Standard	<input type="checkbox"/> Hermetically Sealed
<b>Quantities of Each I/O:</b>			

**Electronics Requirements**

<b>Area Classification:</b>	<input type="checkbox"/> Non Hazardous	<input type="checkbox"/> Hazardous
<b>If Hazardous (Fill out Further Info)</b>	If Hazardous, specify area rating:	
<b>Electronic Housing Requirements:</b>	<input type="checkbox"/> Weatherproof, corrosion-resistant NEMA 4X <input type="checkbox"/> Explosionproof NEMA 7	
	<input type="checkbox"/> 19" Rack	
<b>Console Installation:</b>	<input type="checkbox"/> Indoor <input type="checkbox"/> Outdoor	
<b>Ambient Conditions (Corrosive gas, temperature, humidity):</b>		
<b>Cable distance from electronics transducers (1,000 ft max):</b>		
<b>Power Available:</b>	<input type="checkbox"/> 100/120 VAC	<input type="checkbox"/> 220/240 VAC <input type="checkbox"/> 12 to 24 VDC
<b>Desired Accuracy (% of reading):</b>		
<b>Desired Repeatability (% of reading):</b>		
<b>Surge (Lightning Protection):</b>	<input type="checkbox"/> Transducer Connection	<input type="checkbox"/> Main Power
	<input type="checkbox"/> 4 to 20 Output	<input type="checkbox"/> 4 to 20 Input
<b>Special Requirements (calibration, HRVOC, AQMD, etc.):</b>		

Attach File of Isometric as a separate file