



SENTRY EQUIPMENT CORP

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QUALITY MANAGEMENT SYSTEM
CERTIFIED BY DNV

ISO 9001:2008

Application Information Sheet Manual Sampling System for Gases or Liquids

Please provide the following information to assist us in the selection of the appropriate sampler for your application. If possible, include a sketch of the installation. Return this form to:

Date:		Company:		Contact Name:	
Quote #:		Address:		Phone:	
CustID #:		City/St/ZIP:		Fax:	
		Country:		Email:	

General Application Parameters:

Sample Chemical Composition:							
<i>If special mixture/composition, please provide the following sample properties (if available) at average temperature:</i>							
Density [lbm/ft ³ / kg/m ³]		Specific Heat [BTU/lbm °F / J/kg °C]		Viscosity [cP / cSt]		Thermal Conductivity [BTU/hrft °F / W/m °C]	
Is H ₂ S present?	<input type="checkbox"/> Yes <input type="checkbox"/> No	What is the concentration?	Design Pressure [psig/barg]	Oper Pressure [psig/barg]	Design Temp [°F/°C]	Oper Temp [°F/°C]	
Sample Vapor Pressure [psig/barg]	Does sample return to process? <input type="checkbox"/> Yes ▷ Return pressure [psig/barg]:						
	<input type="checkbox"/> No ▷ Sample will vent to <input type="checkbox"/> drain <input type="checkbox"/> flare <input type="checkbox"/> other Max drain/flare pressure [psi/bar]:						
Is sample compatible with Viton® seals?							
<input type="checkbox"/> Yes							
<input type="checkbox"/> No ▷ What seals have proven satisfactory?							

Sampler Construction:

Can 316 SS be used in sample-wetted contact? <input type="checkbox"/> Yes <input type="checkbox"/> No ▷ Acceptable materials of construction:		
Are Sulfinert® or Silcosteel® coatings (Restek Corporation) acceptable? <input type="checkbox"/> Yes <input type="checkbox"/> No		
Sample collection container: <input type="checkbox"/> Cylinder <input type="checkbox"/> Bottle <input type="checkbox"/> Other	Sample volume desired:	
Is NACE required? <input type="checkbox"/> Yes <input type="checkbox"/> No	Which standard? <input type="checkbox"/> MR0175/ISO 15156-1 <input type="checkbox"/> MR0103	

Installation:

Location: <input type="checkbox"/> Inside <input type="checkbox"/> Outside	Heat required? <input type="checkbox"/> Yes <input type="checkbox"/> No	Enclosure required? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Insulated <input type="checkbox"/> Non-insulated
Does sample need to be cooled? <input type="checkbox"/> Yes <input type="checkbox"/> No	Cooling media:	Oper Temp [°F/°C]	
Pipe stand required? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> 304 SS <input type="checkbox"/> Galvanized Carbon Steel		



Manual Sampling System for Gases or Liquids

Section 1: Liquids

Viscosity [cP/cSt] at:		Does liquid freeze above ambient temp? <input type="checkbox"/> Yes ▷ At what temp? [°F/°C] _____	
Oper Temp	Ambient Temp	<input type="checkbox"/> No	
		Percent solids:	Composition of solids: _____
		Particle size:	Are solids abrasive? <input type="checkbox"/> Yes <input type="checkbox"/> No

Section 2: Gases

Are particulates in gas sample stream? <input type="checkbox"/> Yes ▷ What size? _____ <input type="checkbox"/> No	Is gas toxic and/or corrosive? <input type="checkbox"/> Yes <input type="checkbox"/> No
Any condensables in gas sample stream? <input type="checkbox"/> Yes ▷ At what temp? [°F/°C] _____	

Notes: