

# Application Guide

## Sentry Liquid or Slurry Sampler

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:	

### Liquids:

Chemical Composition:		pH:		Pressure [psi/bar]:	
Flow rate / velocity [GPM or ft/sec]:		Temperature [°F/°C]:		Viscosity:	
Does fluid stratify? <input type="checkbox"/> Yes <input type="checkbox"/> No	Build up on walls? <input type="checkbox"/> Yes <input type="checkbox"/> No	Does liquid freeze above ambient temp? <input type="checkbox"/> Yes <input type="checkbox"/> No	▷	At what temp?	

### Slurries:

Composition of solids:	
Percent solids:	Particle size: <input type="checkbox"/> Yes <input type="checkbox"/> No

### Sampler Construction:

Can 316 SS be used in sample-wetted contact? <input type="checkbox"/> Yes <input type="checkbox"/> No	▷ Acceptable materials of construction:
What seal materials have proven satisfactory?	
Sample volume required:	Sample must be taken in [min/sec]

### Installation:

What is the sampler to be installed in (pipe / vessel / duct)?		Pipe/vessel angle at sample point:
Pipe dia [in/mm]:	Wall [in/mm]:	Pipe material:
Location: <input type="checkbox"/> Inside <input type="checkbox"/> Outside	Sampler protection required? <input type="checkbox"/> Yes <input type="checkbox"/> No	Vapor loss control required? <input type="checkbox"/> Yes <input type="checkbox"/> No
Heat required? <input type="checkbox"/> Yes <input type="checkbox"/> No	Refrigeration required? <input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Horizontal <input type="checkbox"/> Vertical <input type="checkbox"/> Other: <span style="border: 1px solid black; display: inline-block; width: 50px; height: 15px; vertical-align: middle;"></span>

### Controls:

Is compressed air available? <input type="checkbox"/> Yes <input type="checkbox"/> No	Air Pressure: <span style="border: 1px solid black; display: inline-block; width: 50px; height: 15px; vertical-align: middle;"></span>	Is 115 vac power available? <input type="checkbox"/> Yes <input type="checkbox"/> No
▷	Other voltage: <span style="border: 1px solid black; display: inline-block; width: 50px; height: 15px; vertical-align: middle;"></span>	▷
Classified location? <input type="checkbox"/> Yes <input type="checkbox"/> No	▷ What specification and what makes it so? <span style="border: 1px solid black; display: inline-block; width: 300px; height: 15px; vertical-align: middle;"></span>	
	Is explosion proof control required? <input type="checkbox"/> Yes <input type="checkbox"/> No	
Flow proportional sample desired? <input type="checkbox"/> Yes <input type="checkbox"/> No	▷ Is flow signal available? <input type="checkbox"/> Yes <input type="checkbox"/> No	▷ What is the flow signal? <span style="border: 1px solid black; display: inline-block; width: 100px; height: 15px; vertical-align: middle;"></span>