

Application Guide - Sentry Automatic Liquid Sampler

Customer Data

Date:	Company Phone:
Company:	Company Address:
Contact Name:	City, State, ZIP:
Email:	Country:

Project Information

Project Name:

Destination:

Pricing: Budgetary Firm

General Application Data:

Sample Name or Chemical composition:

Food Grade Industrial

Operating Pressure: psi(g) psi(a) bar(g) bar(a) other

Design Pressure: psi(g) psi(a) bar(g) bar(a) other

Operating Temperature: deg F deg C other

Design Temperature: deg F deg C other

Viscosity @operating temperature: cP

Does fluid stratify? Yes No

Does fluid build up on walls? Yes No

Does liquid freeze above ambient temperature? Yes No If so, at what temperature? deg F deg C

Does the fluid contain solids? Yes No If so, what percent of solids? What is the particle size?

Are the solids abrasive? Yes No

Total Composite Sample Volume Required: oz cm³ Other (Please Specify)

What time period is the total volume of composite sample obtained?

Are there any specific concerns with the application?

Please continue on the next page

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Material Compatibility:

Is sample compatible with 316 stainless steel? Yes No

If not, what other material(s) is it compatible with?

Sample is compatible with the following materials (check all that apply):

FKM (Viton) FFKM (Kalrez) PTFE (Teflon) EPDM Buna N Polyurethane

Other (Please Specify)

Installation:

Where is the sampler being installed? Vessel/Tank Pipe Tube

What is the orientation of the pipe/tube at the sample point? Horizontal Vertical

Dimensions of the pipe/tube: Diameter Pipe Schedule Pipe Material

Location: Inside Yes No If outside, what is the ambient temperature

Is an enclosure required? Yes No

If Yes, please indicate: Insulated Non Insulated

Heated Non Heated

Stainless Steel Fiberglass

Controller:

Will the airset be provided by Sentry? Yes No

Will the controller be provided by Sentry? Yes No

 If yes, will controls be: Automatic Manual

 Is remote start required? Yes No

Area Classification:

 Unclassified

 Hazardous: Class Division Group

 ATEX Zone:

Power Available: 120VAC 240VAC Other

Agency Approvals Required: UL ATEX CE CRN Other

Documentation Required: None Material Test Reports Product Inspection Checklist

 CE Declaration Other

Sentry Equipment Corp

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