

Management System

Application Information Form Magnetic Flowmeter

<p>Company _____</p> <p>Address _____ _____</p> <p>City _____ State _____</p> <p>Zip _____</p> <p>Contact Name _____</p> <p>Title _____</p> <p>Tel. No. for Technical Questions () _____</p> <p>Signature _____</p> <p>Date ___/___/___</p> <p>Reviewed by _____/___/___</p> <p>Approved by _____/___/___</p> <p>1. Liquid Data: Name: _____</p> <p>Description: _____</p> <p>% Concentration (If Applicable) _____</p> <p>Viscosity: _____ Min. _____ Max. _____</p> <p>Units: _____ (Cps, Cst, etc.)</p> <p>Conductivity: ___ (5uMho min, 20uMho min. for water)</p> <p>Does Fluid Contain Solids? Y or N If Yes, Particle Size/Type/Desc.: _____</p> <p>_____ % Solids: _____ (approx.)</p> <p>Does Fluid Contain Gas or Entrained Air? Y or N If Yes, % Gas _____ (approx.)</p> <p>Does Fluid Contain Magnetite? Y ___% or N</p> <p>2. Operating Conditions: Flow Rate Accuracy Req. _____ Gal./min (Min.) _____ % Rate _____ Gal./min (Typ.) _____ % Rate _____ _____ Gal./min (Max.) _____ % Rate</p> <p>Is Flow Continuous or Pulsing / Batch Describe Pulse Timing, Pump Type, or Batch Size: _____ _____</p>	<p>3. Primary Preference (circle if known) IFS4000 IFS5000 IFS6000 Other: _____ Ecoflux Aquaflux Batchflux</p> <p>Liner: PFA Neoprene FEP Ceramic Hd.Rubber Polyurethane PTFE Other: _____</p> <p>Electrode: HastelloyC 316 SS Tantalum Titanium Zirconium Other: _____</p> <p>_____</p> <p>Electrode Cleaning: None WE/Removable Ultrasonic RE/Scraper</p> <p>Connections: ANSI 150# ANSI 300# AWWA CL.B, CL.D Sanitary Wafer Other: _____</p> <p>Grounding Rings: None #1 #2 #3 Material: _____</p> <p>4. Temperature / Pressure (at meter site): Operating Fluid Temperature: ___ Min ___ Norm ___ Max (Deg. F or C) Ambient Temperature: ___ Min ___ Norm ___ Max (Deg. F or C) Operating Pressure: ___ Min ___ Norm ___ Max (PSIG)</p> <p>5. Describe your flow measurement problem and what it is you wish to accomplish: _____ _____ _____</p>
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6. Equipment Specifications:

Signal Converter: Remote _____ Integral _____
If Remote, distance from sensors to converter _____
ft.

Display: Y or N?

Supply Voltage:

120 VAC, 60 Hz. ____ 220 VDC ____ 24 VDC ____

Other, Describe:

Measuring Functions Desired Range Units
Standard

____ Volumetric Flow Rate _____

____ Totalized Volume _____

Optional

____ Other (Describe):

Communication: HARTSmart: _____

7. Output Requirements: 4 - 20 ma Output:

Measured Parameter:

_____ Range _____

Frequency Output:

Measured Parameter:

_____ Range _____

Computer Interface RS-485:

Status Relay:

8. Location:

Straight Run: _____ Pipe Diameters Upstream

_____ Pipe Diameters Downstream

Describe Upstream Conditions:

(i.e. Centrifugal Pump, chemical injection, tank,
etc.)

Describe Downstream Conditions:

Full Pipe? Yes No Sometimes (circle)

Pipe Orientation:

Horizontal Vertical Inclined (circle)

If Vertical or Inclined, is flow direction: Up

Down(circle)

Will the Primary be located in a Hazardous Area?

Y or N If Yes, Specify: _____ Div 1 or _____ Div 2

Groups: _____

9. Sketch Proposed Flowmeter Installation

Include Adjacent Equipment (Pumps, Valves,
Etc.), Orientation, and Fluid Flow Direction.

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Sketch