

Date: \_\_\_\_\_

### Density

Company Name:	Customer Contact Name:
Customer Address:	Phone and Fax:
City, State, Zip:	Cell Phone:
Sales Person/Rep:	Email:
Representative Firm:	Tag Number:

### Process Material

1. Description/Name: \_\_\_\_\_

**Solution Application**

2. Density: \_\_\_\_\_  SPG  kg/m<sup>3</sup>  lb/ft<sup>3</sup>  Brix  Baume  API

3. Measurement Range (4 ... 20 mA calibrated range): 4 mA= \_\_\_\_\_ 20 mA= \_\_\_\_\_

**Slurry Application**

4.  % solids output or  weight/volume output

5. Carrier Density: \_\_\_\_\_  SPG  kg/m<sup>3</sup>  lb/ft<sup>3</sup>

6. Solids Density: \_\_\_\_\_  SPG  kg/m<sup>3</sup>  lb/ft<sup>3</sup>

7. Measurement Range (4 ... 20 mA calibrated range): 4 mA= \_\_\_\_\_ 20 mA= \_\_\_\_\_

8. Process Temperature: Max: \_\_\_\_\_ Operating: \_\_\_\_\_  °F  °C

9. Process Pressure: Max: \_\_\_\_\_ Operating: \_\_\_\_\_  psig  bar

10. Do either of the above parameters change during operation?  Yes\*  No

\*If yes, what is the operating range? Temperature: \_\_\_\_\_ to \_\_\_\_\_  °F  °C

Pressure: \_\_\_\_\_ to \_\_\_\_\_  psig  bar

11. Does process build up on vessel wall?  Yes\*  No \*If yes, how much? \_\_\_\_\_  in  mm

### Measurement Description

12. Nominal Pipe Size: \_\_\_\_\_ or I.D.: \_\_\_\_\_  in  mm

13. Pipe Schedule: \_\_\_\_\_

Pipe Wall Dimensions				<input type="checkbox"/> in <input type="checkbox"/> mm
	Material	Density	Units	Thickness
Pipe				
Insulation				
Liner				

## Electronics

14. Area Classification: \_\_\_\_\_ (Class/Zone/Division) or  General Purpose
15. Ambient Temperature Range: Min: \_\_\_\_\_ Max: \_\_\_\_\_  °F  °C
16. Input Power:  24 VAC  110 VAC  220 VAC
17. Output: a:  4 ... 20 mA/HART  Foundation Fieldbus  Profibus  Relay  
 b:  Intrinsically Safe  Explosion Proof  General Purpose

## Radiation Specification

18. Maximum Field Near Source Holder (5 mR @12 in Standard): \_\_\_  mR  uSv at \_\_\_\_\_  in  mm
19. Will the detector be exposed to external X-ray radiation during operation?  Yes  No
20. Does the customer have a license to possess/use radioactive material?  Yes  No
21. Display:  Remote  Integral  None

## Special Applications

22. Do you want the process output referenced to a fixed reference temperature:  Yes\*  No  
 \*If yes, Reference Temperature: \_\_\_\_\_  °F  °C  
 Process Temperature Coefficient: \_\_\_\_\_  °F  °C
23. Do you want the process output to be mass-flow?  Yes\*  No  
 \*If yes: Type:  Dry Solids  Total Mass  
 Flowmeter Output:  Current  Frequency  Voltage  
 Flowmeter Calibrated Range: 0% signal \_\_\_\_\_ = \_\_\_\_\_ flow  gpm  lpm  
 100% signal \_\_\_\_\_ = \_\_\_\_\_ flow  gpm  lpm
24. Rank the following by importance (1-4 Highest to Lowest):  
 Best Density Resolution \_\_\_\_\_ Fast Response Time \_\_\_\_\_ Low Radiation \_\_\_\_\_ Low Price \_\_\_\_\_

## Additional Information