



# Application Worksheet for Liquid Level Measurement

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Customer Name: \_\_\_\_\_ Customer Contact Name: \_\_\_\_\_  
Customer Address: \_\_\_\_\_ Phone and Fax: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_ Cell Phone: \_\_\_\_\_  
Sales Person/Rep: \_\_\_\_\_ Email: \_\_\_\_\_

## Process Information

1. Product in Tank:  Liquid: \_\_\_\_\_  Slurry: \_\_\_\_\_  Interface: \_\_\_\_\_  
Dielectric Contant: \_\_\_\_\_ Specific Gravity: \_\_\_\_\_  
2. Process Temperature: Operating Range: \_\_\_\_\_ Max: \_\_\_\_\_  °F  °C  
3. Process Pressure: Operating Range: \_\_\_\_\_ Max: \_\_\_\_\_  psig  bar  
4. Area Classification:  General Process  Class 1  Div.1  Div. 2

### Liquids

5. Does liquid build up on vessel walls?  Yes\*  No  
\*If yes, what is thickness? \_\_\_\_\_  in.  Other \_\_\_\_\_  
6. Is there an agitator?  Yes\*  No  
\*If yes, what is RPM? \_\_\_\_\_  
7. Liquid Surface Condition: \_\_\_\_\_  Wave Height \_\_\_\_\_  
8. Foam Layer: Height: \_\_\_\_\_  in.  Other \_\_\_\_\_  
Type of Foam:  Water-based  Hydrocarbon Describe Foam: \_\_\_\_\_ Bubble Size: \_\_\_\_\_  in.  
Do you want to measure the foam layer?  Yes\*  No

## Instrument Specifications

9. Preferred Level Technology:  Non-Contact Radar  Guided Wave Radar  Other \_\_\_\_\_  
10. Available Power:  110 VAC  24 VDC  Other \_\_\_\_\_  
Instrument Outputs:  4...20 mA  HART  Profibus PA  
11. Optional Outputs:  TCP/IP  Modbus  RS485  Wireless  Other \_\_\_\_\_  
12. Plant DCS: \_\_\_\_\_

## Vessel Information

13. Vessel Material of Construction:  316 SS  Carbon Steel  Plastic  
14. Tank Style:  Fixed Roof  Bullet Tank  Sphere  Open Top Tank  
 Internal Floating Roof: Pontoon Width \_\_\_\_\_  Other \_\_\_\_\_  
 External Floating Roof: Pontoon Width \_\_\_\_\_  
15. Tank Dimensions: Height: \_\_\_\_\_ Diameter: \_\_\_\_\_  in.  ft.  Other \_\_\_\_\_  
16. Are there any obstructions in the path of the sensor?  Yes\*  No  
\*If yes, what is the obstruction? \_\_\_\_\_  
17. Is the vessel lined?  Yes\*  No  
\*If yes, what material? \_\_\_\_\_  
18. How many process connections available? \_\_\_\_\_

