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# Technical Bulletin

Order Worksheet

Model TRL Radar Level Transmitter

## Section 1 - Order Information

Distributor: \_\_\_\_\_

Contact: \_\_\_\_\_ PO#: \_\_\_\_\_

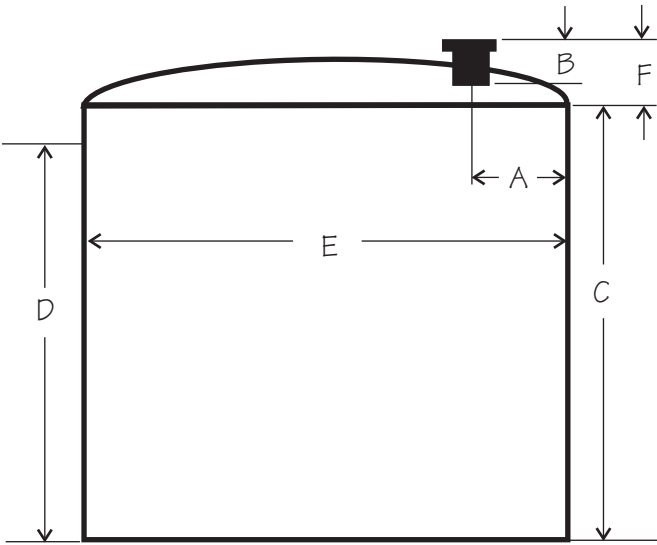
Customer: \_\_\_\_\_

Tank Identification: \_\_\_\_\_

## Section 2 - Vessel Straight Side Dimensions

Connection Port:  4" Tri-Clamp

Note: Maximum allowable vessel height is 300 inches  
 Units of measure (circle): Inches or Centimeters or Millimeters



- A. Center line of port to INNER vessel edge = \_\_\_\_\_
- B. Inside lip of vessel to outside lip of port = \_\_\_\_\_
- C. Straight side height of vessel = \_\_\_\_\_
- D. Maximum level of PRODUCT = \_\_\_\_\_
- E. Inside diameter of vessel = \_\_\_\_\_
- F. Top of straight side to top of port = \_\_\_\_\_

Tank Open Top     Top of Tank Solid or Hinged Cover

## Section 3 - Vessel Bottom Dimensions

## Section 4 - Agitation, Inlet Fixed Devices Detail

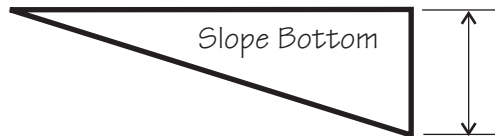
Please sketch Agitator, Product Inlet, Spray Balls and  
 Fixed Devices located in vessel  
 (Indicate dimensions and location)



Depth = \_\_\_\_\_ in \_\_\_\_\_ cm



Depth = \_\_\_\_\_ in \_\_\_\_\_ cm



Depth = \_\_\_\_\_ in \_\_\_\_\_ cm

Section 5 - Agitation Details

Describe agitation in vessel (Always, during processing only, high speed, low speed, at certain level etc.)

\_\_\_\_\_
\_\_\_\_\_
\_\_\_\_\_
\_\_\_\_\_
\_\_\_\_\_
\_\_\_\_\_

Section 6 - Product Details

Note: Product must be compatible with Teflon

A. Products in vessel (List all): \_\_\_\_\_

B. Describe surface during processing (thick foam, thin foam, turbulence, splashing, vortexing etc.)

\_\_\_\_\_
\_\_\_\_\_

C. Dielectric: \_\_\_\_\_ min \_\_\_\_\_ max

D. Does product form coating on top of vessel during processing: \_\_\_\_\_

\_\_\_ No \_\_\_ Yes Typical Thickness \_\_\_\_\_ in \_\_\_\_\_ cm \_\_\_\_\_ mm

E. Temperature: \_\_\_\_\_ (F or C) Typical Time length: \_\_\_\_\_
\_\_\_\_\_ (F or C) Max Time length: \_\_\_\_\_
\_\_\_\_\_ (F or C) Min Time length: \_\_\_\_\_

F. Pressure: Max = \_\_\_\_\_ psig \_\_\_\_\_ psia \_\_\_\_\_ bar Time length: \_\_\_\_\_

G: Vacuum: Max = \_\_\_\_\_ "Hg \_\_\_\_\_ bar Time length: \_\_\_\_\_

H. Floating Solids: \_\_\_ Yes \_\_\_ No

Section 7 - Performance Requirements

A. Typical maximum level of product in vessel: \_\_\_\_\_ in \_\_\_\_\_ cm \_\_\_\_\_ mm

B. Typical minimum level of product in vessel: \_\_\_\_\_ in \_\_\_\_\_ cm \_\_\_\_\_ mm

C. Desired accuracy when stationary (not agitated) +/- \_\_\_\_\_ in \_\_\_\_\_ cm \_\_\_\_\_ mm

D. Desired accuracy when moving (agitated) +/- \_\_\_\_\_ in \_\_\_\_\_ cm \_\_\_\_\_ mm

Section 8 - Options

A. Hanger Bolt (Allows unit to be suspended on hook during cleaning): \_\_\_ Yes \_\_\_ No

B. Remote RS-232 Programming Kit (Provides remote terminals for serial hookup to 50' max from unit)
\_\_\_ No \_\_\_ Yes w/25' 6 conductor cable \_\_\_ Yes w/50' 6 conductor cable

C. Output Loop and Transmitter Power Cable (4 wire with shield ground)
\_\_\_ No \_\_\_ 25' \_\_\_ 50' \_\_\_ 75' \_\_\_ 100' \_\_\_ 125' \_\_\_ 150' \_\_\_ 175'