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**Radar Level Meter
 Application Analysis Form**

Date: _____

Customer Info:

Company: _____	Phone: _____
Site Name: _____	Email: _____
City, State, ZIP: _____	Fax: _____
Contact Name: _____	_____
Title: _____	_____

LEVEL APPLICATION INFO:

Info (Name, Tag, Objective, etc.) : _____

Level Application Details:

Product(s) to be measured: Refined Glycerine

Type: Solid Liquid Liquid/Interface Other _____

Fluid Characteristics: Crystallizes Deposits Coats Other _____

Temperatures: Minimum _____ Maximum _____ Nominal _____ °C °F Other _____

Pressures: Minimum _____ Maximum _____ Nominal _____ psig psia bar

Temperature at the flange: _____ Process Temp. Max: _____ (same unit as above)

Tank/Vessel Type (check all that apply): Open/Non-Metallic Closed Metallic Storage Process Agitated

Tank/Vessel Orientation: Vertical Horizontal Silo Other _____

Tank/Vessel Height: _____ Tank/Vessel Width: _____ Range from bottom: 0% _____ 100% _____

Fluid Dielectric: _____ Foam? (Describe) _____

For Interface, 2nd Fluid Name: _____ Minimum Layer: _____ inches 2nd Fluid Dielectric: _____

Product Requirements

Process connections: ANSI Flange _____ DN Flange _____ JIS Flange Threaded _____ inch NPT Other: _____

Nozzle height: _____ Nozzle Pipe Schedule: _____

Accuracy requested: 3mm % of range Acceptable wetted materials of construction (including seals): _____

Power: 24VDC 24VDC Loop Power 120VAC Other: _____

Signal Output: mA (HART) 1 Output 2 Output Output(s) Range(s): _____

Hazardous area: No Yes FM CSA Class _____ Division _____ CRN ATEX _____

Electronics Style: Compact Remote Remote cable length required: _____

Requested Level Technology: Radar TDR (Guided Wave Radar)

TDR Probe Length: _____ End type: Weight Other: _____

Application Status: Operating currently using: _____ New Application

Sketch:

Parameters needed:
(A) Tank/Vessel Height:
(B) Tank/Vessel Width:
(C) Nozzle Diameter:
(D) Nozzle Connection:
(E) Nozzle Height:
(F) Nozzle Center to Wall Distance:
(G) Max Fluid Level:
(H) Min Fluid Level:
(I) Stilling Well or Stand Pipe: No
(II)
Please sketch your tank or vessel below, indicating approximate locations of any agitators, stilling wells, inlets, outlets, or other fixed tanks internals.

