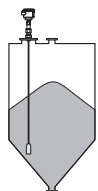
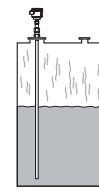


Guided Wave Radar Application Questionnaire

Customer information

Contact: _____ Prepared By: _____
 Company: _____ Date: _____
 Address: _____ Notes on the Application: _____
 City: _____ Country: _____
 Zip/Postal Code: _____ Phone: () _____
 E-mail: _____ Fax: () _____

Tank/Vessel Information (supply sketch where possible) Sketch attached

Solids  Liquids 

Tank top:	Tank bottom:	Mounting location:
<input type="checkbox"/> Open	<input type="checkbox"/> Sloped	<input type="checkbox"/> Top mount
<input type="checkbox"/> Flat	<input type="checkbox"/> Flat	<input type="checkbox"/> Thread mount
<input type="checkbox"/> Conical	<input type="checkbox"/> Conical	<input type="checkbox"/> Flange mount
<input type="checkbox"/> Parabolic	<input type="checkbox"/> Parabolic	<input type="checkbox"/> Bypass/Sidepipe mount
		<input type="checkbox"/> Pipe mount
		<input type="checkbox"/> Displacer replacement <small>(please supply drawings)</small>

Tank dimensions:
 Height: _____ m/ft
 Diameter: _____ m/ft
 Nozzle Length: _____ cm/in
 Nozzle Diameter: _____ cm/in
 Process connection type: _____
 Process connection size: _____
 Distance to sidewall: _____ cm/in

Pressure:
 Normal: _____
 Maximum (relief): _____

Material

Material being measured: _____ Liquid Solid Slurry

Material temperature: Norm: _____ °C/°F Max: _____ °C/°F

Measurement type: Continuous level Interface level

Dielectric constant value: _____

Coating buildup: Yes No **Turbulence:** Yes No

Maximum viscosity: _____ **Density:** _____ kg/m³
Kinematic Viscosity (cSt) = Dynamic Viscosity (cP) / Density (kg/m³)

<input type="checkbox"/> 1 to 5 cSt (like water)	<input type="checkbox"/> 50 to 100 cSt (like honey)
<input type="checkbox"/> 5 to 20 cSt (like machine oil)	<input type="checkbox"/> 100 to 500 cSt (like syrup/molasses)
<input type="checkbox"/> 20 to 50 cSt (like cooking oil)	<input type="checkbox"/> >500 cSt (like tar)

Particle size:

- Fine dust/powder, <0.5 cm (0.2")
- Grains (rice, corn), <2 cm (0.8")
- Small stones/gravel, <2 cm (0.8")
- Small rocks/chunks, >2 cm (0.8")
- Large particles, <9 cm (3.5")

Foam type:

- None
- Wet
- Dry
- Wet/dense

Installation (indicate all that apply)

Power available: _____ **Communications:** HART® /4 to 20 mA

Outputs required: 4 to 20 mA Other (please specify) _____

Products recommended: