SIEMENS

Level Technology Selection Questionnaire

Customer information

Contact: _____ Prepared By: _____

Company: _____ Date: _____

Address: _____ Notes on the Application: _____

City: _____ Country: _____

Zip/Postal Code: _____ Phone: ( ) _____

E-mail: _____ Fax: ( ) _____

Material/Product

Measurement type: ☐ Point level ☐ Continuous level ☐ Volume ☐ Flow

Material being measured: _____ ☐ Liquid ☐ Solid ☐ Slurry

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

Dielectric constant value: _____

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

Maximum viscosity: _____ **Density:** _____ kg/m^3

Kinematic Viscosity (cSt) = Dynamic Viscosity (cP) / Density (kg/m^3)

☐ 1 to 5 cSt (like water)
☐ 5 to 20 cSt (like machine oil)
☐ 20 to 50 cSt (like cooking oil)
☐ 50 to 100 cSt (like honey)
☐ 100 to 500 cSt (like syrup/molasses)
☐ >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

Tank/Vessel Information

Type: ☐ Storage Solids ☐ Process ☐ Storage Liquids ☐ Reactor

Dimensions:

Height: _____ m / ft Width/Diameter: _____ m / ft

Process connection: *(specify type)* _____

Vessel atmosphere: ☐ Air ☐ Other _____

Homogenous: ☐ Yes ☐ No

Vessel pressure: Normal: _____ Maximum (relief): _____

Critical Information

Nozzle Length: _____ cm/in

Nozzle Diameter: _____ cm/in

Internal equipment and/or obstruction: ☐ No ☐ Yes **Accuracy required:** _____ cm/in or % of Range

Please list _____ **Approvals required:** _____

Power available: _____

Preferred Level Technology: _____

Notes: _____

Products recommended: