# BABBITT INTERNATIONAL
## Level Controls & Systems

# Ultrasonic/Radar Application Data Sheet

**Process Conditions:**

Max. Temp _____ Max. Pressure_____ Vented: (Y/N) _____

Indoor/Outdoor Application_____

Is this for general purpose or Class I Div.I ? _____

**Material/Product Conditions:**

What is the material being measured? _____

Foam (Y/N) _____ Condensation (Y/N) _____

Vapor/gases above the liquid (Y/N) _____ If so, name of gas_____

Cavitation (air bubbles) in the liquid (Y/N) _____ Dust (Y/N) _____

Material Density_____ Liquid dielectric constant_____

Is measurement desired during filling or only under static conditions? _____

**Instrument Specs:**

Distance/range to measured_____

Power required (120VAC, 24VDC or 2 Wire Loop) _____

Communication (RS232, RS485, HART or ModbusRTU) _____

Display (Y/N) _____ If so, local or remote? _____

Relay Controller (Y/N) _____ How many relays? _____ Alarms (Y/N) _____

**Tank and Mounting Information:**

Is the tank metal or plastic? _____ Is the tank roof flat or domed? _____

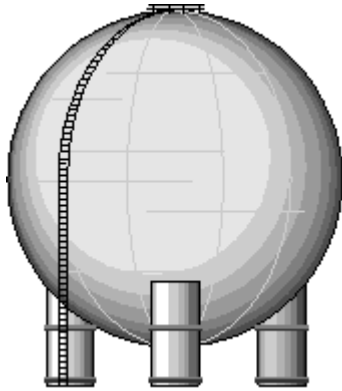How far from the tank wall will the unit be mounted? _____

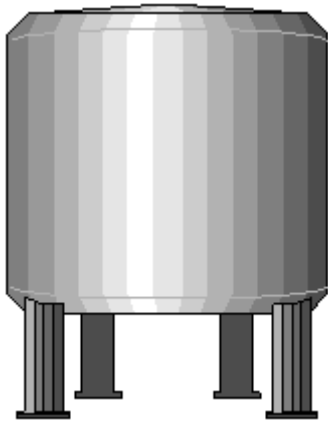Is this a sanitary application (Y/N)_____ If so, is a tri-clamp connection required?_____

Please refer to the tank drawing below. Which one does your tank most likely represent? _____

_____

Give approximate tank dimensions: Height _____ Diameter _____
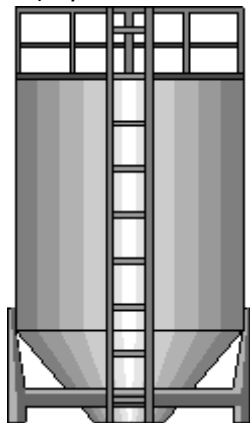
1.)      Spherical

2.)      Cylindrical

3.) Cylindrical Tank with cone

4.)      Horizontal Tank