

Gauging Systems Inc.

"Innovations in Liquid Level / Mass Tank Gauging"

MTG Questionnaire

Customer Information (Contact listed should be the technical contact)

Customer Name: _____ Customer Location: _____

Project Engineer: _____ Phone (___) _____ Fax (___) _____

E-mail address: _____

MTG Product Series (Please select the "Model Style" from Bulletin GSI-3011, MTG Product Line)

- 3012 Standard: (Full Capability with 1 CPU & up to 12 Sensor Modules)
- 3024 Redundant: (2 CPU's with up to 24 Sensor Modules for Redundancy)
- 3025 MTP: (For use with an Independent Level Gauge for Hybrid Applications)
- 3050 HTP: (3 or 4 Sensor Modules for High Accuracy Mass & Lower Level Accuracy)
- Other: _____ (Use Bulletin GSI-3011 to select)

Tank Information

1. Tank # _____
2. Tank Type (select): Cone Roof Internal Floating Roof External Floating (Pan) Roof
Cylinder: Upright / Horizontal Sphere Geodesic Dome Other: _____
3. Tank Bottom (select): Flat Cone Degree of Slope if not Flat: _____
4. MTG Installed Bottom Location: Inside Gauge Well Floor Inside Sump
5. Tank Bottom Material: Metal (Steel) Coated bottom Liner bottom
6. Will MTG be installed in the Gauge Well (Recommended) Yes No
Is the Gauge well slotted? Yes No Gauge Well Diameter: _____
7. Installations without Gauge well: Inlet Height (G): _____
Outlet Height (F): _____ (Please mark top view orientation on Page 4)
8. Tank Height (A): _____ 9. Installation Flange Distance (B): _____
10. Nozzle Length (C): _____ 11. Maximum Fill Height (E): _____
12. State Installation Flange Type & Size: _____
13. Are there Heaters in this Tank? Yes No

If yes, please provide a top view orientation in relationship to the MTG on Page 4.

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14. **Are there Mixers in this Tank?** Yes No

If yes, please provide a top view orientation in relationship to the MTG on Page 4.

Product Information

15. **Stored product in tank:** _____

16. **Is this a dedicated Product tank** (See stored product above)? Yes No

If no, list other products: _____

17. **Is this Product compatible with Stainless Steel Wetted Parts?** Yes No

Preferred probe material: 303/304 SS 316 SS 316L SS Hasteloy

Other _____

18. **Operating Temperature Range:** _____ Select °F °C

Annual Ambient Temperature Range: _____ Select °F °C

19. **Operating Pressure Range:** _____

20. **Water bottom or Liquid interface present at the bottom of the tank?** Yes No

If yes, what is the maximum Water Bottom Height (H): _____

21. **Is there an emulsion present above the water layer?** Yes No If yes, indicate highest possible level for the emulsion (or mixture of product and water) (J = _____)

22. **Is there sediment at the bottom of the tank?** Yes No

If Yes, provide your estimate of the height of this sediment (I = _____)

Data Output:

23. **Where are volumetric calculations performed:** MTG Transmitter Host System

(Note: Strapping Tables must be supplied for volume calculation by MTG Transmitter)

24. **Volume calculations in accordance with which Standards Organization:**

API (American Petroleum Institute) ISO (International Standards Organization)

GOST Standard Other: _____

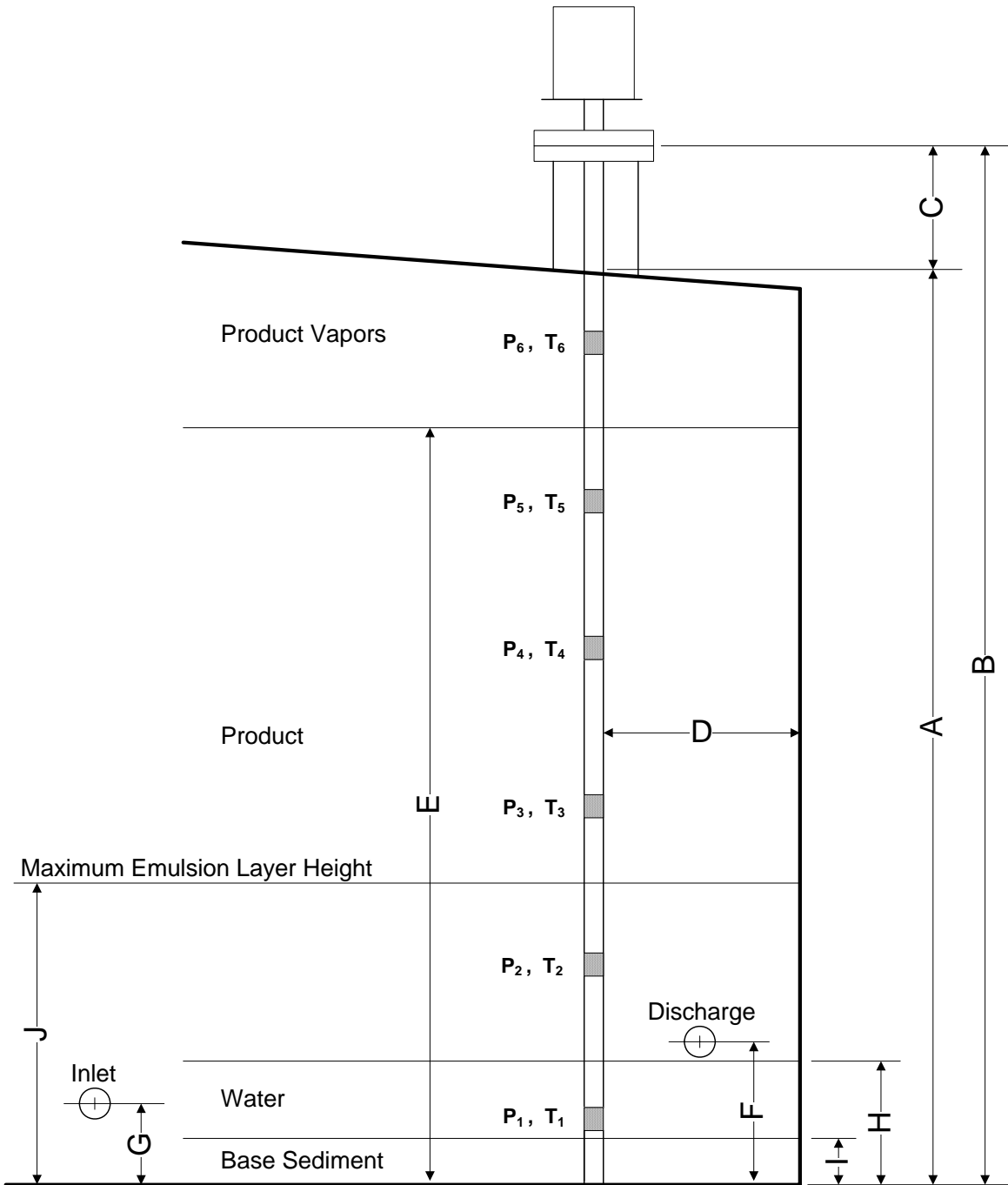
25. **Units of Measure:** Feet-Inches-1/16 Decimal Feet Metric

Customer Approval (Please sign below to verify your agreement that this information is correct and that it can be used for proposals and manufacturing, should a purchase order result.)

_____ (Signature) _____ (Date)

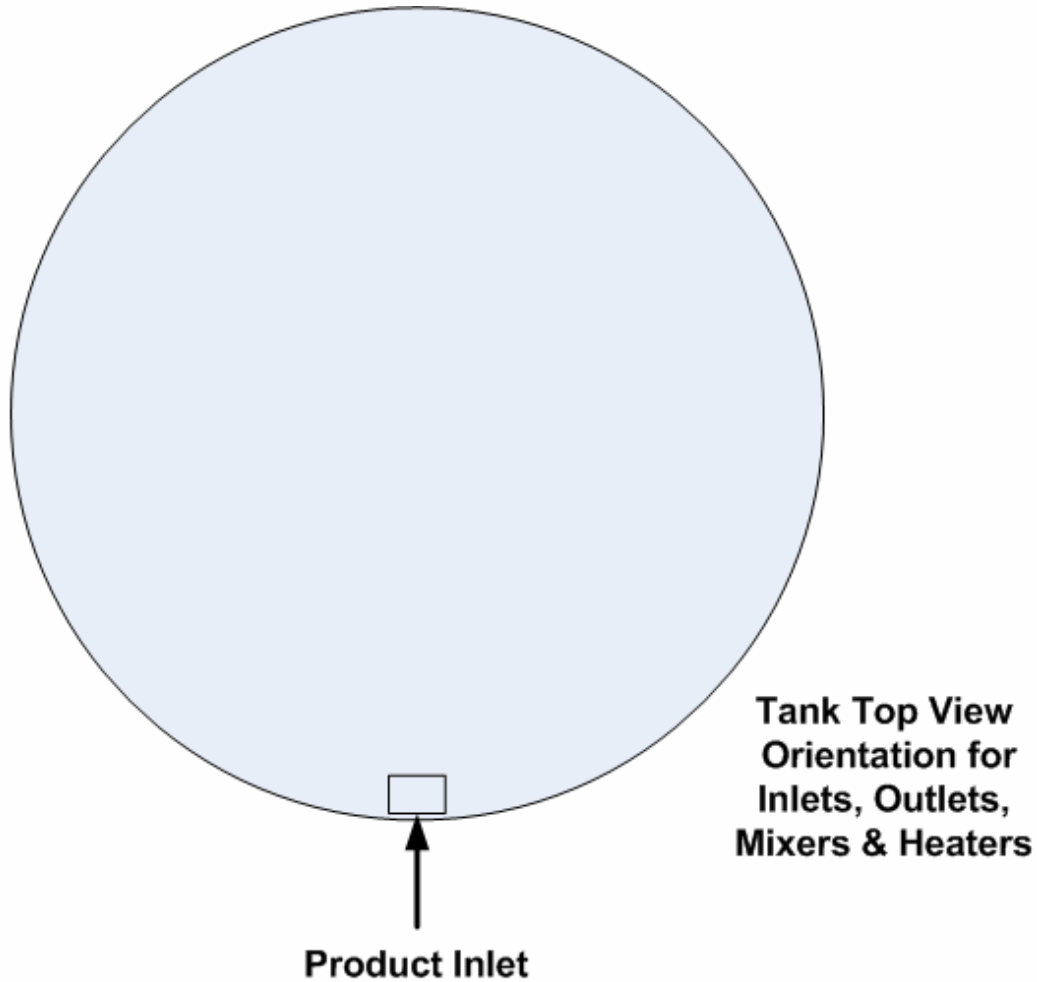
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Notes:

1. For Tanks that do not have Stilling Wells, Draw location of MTG Mounting Nozzle in orientation to the Product Inlet Nozzle. Best location is a reasonable offset distance and not directly within the product inlet flow. Also show the location of the Product Discharge Nozzle.

For Tanks that have redirected inlets or interior baffling, please indicate in drawing. For Guidelines on recommended locations, see GSI "MTG Tank Mounting Guidelines".

2. Show location of any "Mixers" in orientation to the MTG Gauge.
3. Show location of any "Heaters" in orientation to the MTG Gauge.