

**SOUTH GATE ENGINEERING QUOTATION REQUEST FORM**

**Contact Information**

Name: \_\_\_\_\_  
Company: \_\_\_\_\_  
Phone Number: \_\_\_\_\_  
Fascimile Number: \_\_\_\_\_  
Email Address: \_\_\_\_\_

**Vessel/Tank**

Process Fluid: \_\_\_\_\_ Specific Gravity: \_\_\_\_\_  
Design Pressure: \_\_\_\_\_ Design Temperature: \_\_\_\_\_ Corrosion Allowance: \_\_\_\_\_  
Design Vacuum: \_\_\_\_\_ Minimum Design Metal Temperature (MDMT): \_\_\_\_\_  
Diameter: \_\_\_\_\_ Inside Diameter: \_\_\_\_\_ Outside Diameter: \_\_\_\_\_

Head #1 Type: \_\_\_\_\_ 2:1 Semi-elliptical: \_\_\_\_\_ 80:10 Dished and Flanged: \_\_\_\_\_  
100:6 Dished and Flanged: \_\_\_\_\_ Flat Head: \_\_\_\_\_  
Conic: \_\_\_\_\_ Other: \_\_\_\_\_

Head #1 Material: Carbon Steel: \_\_\_\_\_ 304(L)SS \_\_\_\_\_ 316(L)SS \_\_\_\_\_ Other: \_\_\_\_\_

Head #2 Type: \_\_\_\_\_ 2:1 Semi-elliptical: \_\_\_\_\_ 80:10 Dished and Flanged: \_\_\_\_\_  
100:6 Dished and Flanged: \_\_\_\_\_ Flat Head: \_\_\_\_\_  
Conic: \_\_\_\_\_ Other: \_\_\_\_\_

Head #2 Material: Carbon Steel: \_\_\_\_\_ 304(L)SS \_\_\_\_\_ 316(L)SS \_\_\_\_\_ Other: \_\_\_\_\_

Shell Length: \_\_\_\_\_ Desired Volume: \_\_\_\_\_

Shell Material: Carbon Steel: \_\_\_\_\_ 304(L)SS \_\_\_\_\_ 316(L)SS \_\_\_\_\_ Other: \_\_\_\_\_

Horizontal Configuration: \_\_\_\_\_ Vertical Configuration: \_\_\_\_\_

ASME (Design and Manufacture): Yes \_\_\_\_\_ No \_\_\_\_\_

ASME (Stamped) Yes \_\_\_\_\_ No \_\_\_\_\_

Seismic Calculations Yes \_\_\_\_\_ No \_\_\_\_\_

Mechanical Engineer Stamp Acceptable Yes \_\_\_\_\_ No \_\_\_\_\_

Other Engineering Discipline: \_\_\_\_\_ State: \_\_\_\_\_

Radiography (Minimum per Code): Yes \_\_\_\_\_ No \_\_\_\_\_

Other Required Level of Radiography: \_\_\_\_\_

Other Required Testing: \_\_\_\_\_

Stress Relieve: Yes \_\_\_\_\_ No \_\_\_\_\_

Fireproofing Supports: Yes \_\_\_\_\_ No \_\_\_\_\_

Insulation Required: Yes \_\_\_\_\_ No \_\_\_\_\_

Type of Insulation: Spray Foam \_\_\_\_\_ Glass W/Alum Jacket c \_\_\_\_\_  
Other Insulation: \_\_\_\_\_

Insulation Supports: Yes \_\_\_\_\_ No \_\_\_\_\_

Internal Lining: First Coat: \_\_\_\_\_

Second Coat: \_\_\_\_\_

Third Coat: \_\_\_\_\_

External Coating: First Coat: \_\_\_\_\_

Second Coat: \_\_\_\_\_

Third Coat: \_\_\_\_\_

Additional Design Notes: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_



**Appurtanances and Internals**

Supports:

Leg Supports: Yes \_\_\_\_\_ No \_\_\_\_\_ Quantity: \_\_\_\_\_

Support Saddles: Yes \_\_\_\_\_ No \_\_\_\_\_

Type: Welded: c \_\_\_\_\_ Loose: \_\_\_\_\_ Strapped: \_\_\_\_\_

Skirt: Yes \_\_\_\_\_ No \_\_\_\_\_ Skirt Openings - List under Connections

Skirt Ring: Yes \_\_\_\_\_ No \_\_\_\_\_

Hold Down Lugs: Yes \_\_\_\_\_ No \_\_\_\_\_ Quantity: \_\_\_\_\_

Divider Plates:

Type: False Bottom W/Support Rings: Yes \_\_\_\_\_ No \_\_\_\_\_

Baffle/Sectional: Yes \_\_\_\_\_ No \_\_\_\_\_

Strainer Plate W/Vert. Stay Bars: Quantity: \_\_\_\_\_

Strainer Plate W/Hor. Suport Bars: Quantity: \_\_\_\_\_

Number of Holes per Plate: \_\_\_\_\_

Design Differential Pressure: \_\_\_\_\_ PSID

Lifting Lugs (Qty): \_\_\_\_\_

View Ports: 3" Bullseye (Qty): \_\_\_\_\_ 4" Bullseye (Qty): \_\_\_\_\_

6" Bullseye (Qty): \_\_\_\_\_ 3" x 12" Obround (Qty): \_\_\_\_\_

Handholes: 4" x 6" (Qty) \_\_\_\_\_ 6" x 8" (Qty) \_\_\_\_\_

Inlet Diffusor: Yes \_\_\_\_\_ No \_\_\_\_\_

Vortex Breaker: Yes \_\_\_\_\_ No \_\_\_\_\_

Mist Eliminator: Yes \_\_\_\_\_ No \_\_\_\_\_

Distributors: Inlet Distributor (Qty): \_\_\_\_\_ Laterals (Qty): \_\_\_\_\_ Material: \_\_\_\_\_

Type: \_\_\_\_\_ Holes (Qty) \_\_\_\_\_

Header Clips (Qty): \_\_\_\_\_ Lateral Clips (Qty): \_\_\_\_\_

Outlet Distributor (Qty): \_\_\_\_\_ Laterals (Qty): \_\_\_\_\_ Material: \_\_\_\_\_

Type: \_\_\_\_\_ Holes (Qty) \_\_\_\_\_

Header Clips (Qty): \_\_\_\_\_ Lateral Clips (Qty): \_\_\_\_\_

Regen/Air Scour (Qty): \_\_\_\_\_ Laterals (Qty): \_\_\_\_\_ Material: \_\_\_\_\_

Type: \_\_\_\_\_ Holes (Qty) \_\_\_\_\_

Header Clips (Qty): \_\_\_\_\_ Lateral Clips (Qty): \_\_\_\_\_

Provide sketch for internals

Platform: Yes \_\_\_\_\_ No \_\_\_\_\_ Coating: \_\_\_\_\_

Ladder: Yes \_\_\_\_\_ No \_\_\_\_\_ Coating: \_\_\_\_\_

Skid: Yes \_\_\_\_\_ No \_\_\_\_\_ Coating: \_\_\_\_\_

Size: \_\_\_\_\_ Coating: \_\_\_\_\_

Clips: Ladder Clips (Qty): \_\_\_\_\_ Pipe Supports (Qty): \_\_\_\_\_

Platform Clips (Qty): \_\_\_\_\_ Panel Brackets (Qty): \_\_\_\_\_

Gaskets: SGE Supply for Manways, Viewports and Sightglasses: Yes \_\_\_\_\_ No \_\_\_\_\_

Material: \_\_\_\_\_ Type: \_\_\_\_\_

Hardware: SGE Supply for Manways, Viewports and Sightglasses: Yes \_\_\_\_\_ No \_\_\_\_\_

Material: \_\_\_\_\_ Type: \_\_\_\_\_

Special Nameplate: Yes \_\_\_\_\_ No \_\_\_\_\_ Provide Details

Additional Comments: