

Tank Application Data Sheet



Equipment No.: _____ **Date:** _____
 NAME _____ TITLE _____
 COMPANY _____ PHONE _____
 ADDRESS _____ FAX _____
 CITY _____ STATE _____ ZIP _____ EMAIL _____

Send completed worksheets to:
OEC Fluid Handling Inc.
 P. O. Box 2807
 Spartanburg, SC 29304
Fax: 1-864-573-9299
Email: sales@oecfh.com

MATERIAL

- Carbon Steel
- 304 Stainless Steel
- 316 Stainless Steel
- Fiberglass
- Plastic
- Special: _____

CAPACITY

Gallons: _____
 Diameter: _____
 Shell Length: _____
 Freeboard: _____

VENTING

- Open
- Ducted
- Scrubber
- Padded

If specifying other than "Open", provide details.

CONFIGURATION

- Vertical Horizontal Above ground Below ground

Design Type: Atmospheric No Design Type ASME Sec VIII UL Atmospheric API-650

Top: Cone Flat Open (Flanged) Domed (ASME) Removable Hinged

Bottom: Flat External Slope Internal Slope Dish (ASME) Conical

Min. Clearance: _____ Slope: _____ (in/ft) Cone Angle: _____ (degrees of horizontal)

Support: Skirt Legs Side Legs Saddles Clearance: _____

of Lugs: Holddown: _____ (4 Minimum) Lifting: _____ (3 Recommended) Material: _____

Other: _____

OPERATING ENVIRONMENT

Service: Storage Process Inside Outside

Products: _____ / _____ / _____ / _____

Concentrations: _____ / _____ / _____ / _____

Specific Gravity: _____ **Operating Temp.:** _____ °F. **Max. Temp.:** _____ °F.

Internal Pressure: Operating: + _____ - _____ PSI (or In WC) Design: + _____ - _____ PSI (or In WC)

Seismic Zone: _____ **Wind Speed:** _____ mph **Exposure Category:** _____ (Uniform Building Code)

HEATING/COOLING

Heating Design: Heating Cooling Both
 Exterior Dimple Jacket Internal Pipe Coil
 Exterior Half Pipe Coil Bayonet Coil

Heat Source: Steam Hot Oil Hot Water Pressure: _____

Temp. of Heat Media: Starting Temperature: _____ Max Temperature: _____
 Product Specific Heat: _____

PAINTING TANK OPTIONS

- Note: Internal lining requires (1) man-way.*
 Red Primer (no blast) SP6 blast with epoxy primer Special: _____
 Internal lining, please specify: _____

INSULATION SYSTEMS

(for FRP & Plastic Tanks Only)
 External bolt & skin External spray-on foam Injected foam

MIXING

Agitation: Beam Mount Flange Mount Side Entry Clamp On
 Agitator W.: _____ Blade Size/No.: _____ Hp/Rpm: _____ Baffles: _____
 Flow Rate: _____ GPM @ _____ PSI: _____

MANWAYS Specify size, type & number: _____

CONNECTIONS

- NPT threaded connections, specify # and sizes:
 _____ 2", _____ 3", _____ 4", _____ 6", _____ 8", _____ 10"
- Flanged connections: 150 lb. Flange 300 lb. Flange
 Specify # and sizes:
 _____ 2", _____ 3", _____ 4", _____ 6", _____ 8", _____ 10", _____ 12", _____ 16"

OEC Fluid Handling has provided a diagram on back page for specifying your dimensions.

SAFETY OPTIONS

- Ladder w/Cage
- Safety Railing Platform w/Grating

Material of Construction:

- Carbon Steel Galvanized
- Fiberglass Aluminum
- Other: _____

- Requires top access or fill access:
 - Free standing standard stairs (45°)
 - Bolted standard stairs (45°)
 - Free standing ships ladder (60°)
 - Bolted ships ladder (60°)
 - Straight ladder (90°)
 - Safety cage for ladder (vertical tanks)
- Catwalk with hand rail, specify length & height: _____
- Handrail around perimeter (vertical tank)
- Internal ladder

LEVEL

- Level controls required:
 - Continuous Point
 - Set points: _____%, _____%, _____%, _____%
- Leak detection required
- Remote alarms
- Pump platform. If so, go to back page and specify its location on diagram.

