

STEEL TANKS

Tank Size (All Tanks Are Carbon Steel)
 Tank Diameter _____
 Side Shell Length (Not Tangent-to-Tangent) _____
 Maximum Overall Height (if Required) _____

Head Shape

- ☐ Flanged & Dished (Standard for Non-Code)
☐ 2:1 Semi-Elliptical (Standard for ASME Code)

Design Pressure

- ☐ 100 PSI ☐ 150 PSI ☐ Full Vacuum
☐ 125 PSI ☐ Other _____

Code Requirements

- ☐ ASME Code ☐ Non-Code
☐ Non-Code with Hydro Test

Tank Lining (Tank Interior)

- ☐ Standard Epoxy ☐ Prep for Rubber
☐ Prep for Vinylster ☐ Other _____
☐ NSF Lining Required

Tank Coating (Tank Exterior)

- ☐ Standard Primer ☐ Urethane
☐ Standard Epoxy ☐ Other _____

Tank Legs & Support Skid [1]

- ☐ Strap Legs ☐ Jack Saddles
☐ Angle Legs ☐ Jack Saddles with Stands
☐ Beam Legs ☐ Skid - W-Beam
☐ Pipe Legs ☐ Single ☐ Double ☐ Triple
☐ Ring Base ☐ Skid - Other _____

[1] Strap Legs for Ø42 inch max. tank.

When Seismic required, Structural Legs will be used.

Seismic Requirements

- ☐ Yes ☐ No

If yes, complete Seismic Data Request on next page.

Support Clips

- ☐ Internal: Qty _____ ☐ Carbon ☐ Stainless
☐ External: Qty _____ ☐ Carbon ☐ Stainless

Special Requirements

- ☐ Lift Lugs ☐ False Bottom
☐ Distributor Plate Qty of Holes _____
 Size of Holes _____

Installation of Customer Supplied Materials

(Must provide detailed prints to be included in quote)
☐ Internals ☐ External Piping & Valves

CRN (Canadian Registration Number) Province _____

American Iron & Steel Act (Federal EPA \$) ☐ Yes

Document Package [2]

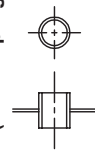
- (All ASME Tanks Include U-1A)
☐ Level 1 (\$200) ☐ Level 3 (\$550)
☐ Level 2 (\$350) ☐ Level 4 (\$750)

[2] Document Package prices shown are for up to three (3) tanks.
 For details, see Document Package Options on next page.

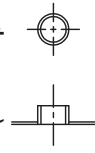
Available Fittings

All Fittings Are Carbon Steel Unless Noted in Schedule of Openings as SS (Stainless Steel).

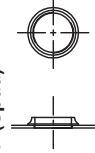
FC (Full Coupling)



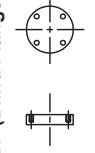
HC (Half Coupling)



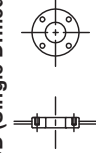
SP (Spud)



BF (Blind Flange)



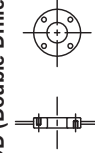
SD (Single Drilled Pad Flange)



SW (Sight Window)



DD (Double Drilled Pad Flange)



HH (Hand Hole)



FS (Full Spool ANSI Flange)

RF (Raised Face) (Std)
 FF (Flat Face)



MW (Manway)

- Elliptical:
 11 x 15 inch
 12 x 16 inch (Std)
 14 x 18 inch (Std)
 18 x 24 inch

HS (Half Spool ANSI Flange)

RF (Raised Face) (Std)
 FF (Flat Face)

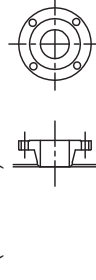


Round (Davit):

- 16 inch
 18 inch
 20 inch
 24 inch
 30 inch

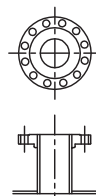
WN (Weld Neck ANSI Flange)

RF (Raised Face) (Std)
 FF (Flat Face)



SN (Half Spool SNA Flange):

6 inch Flat Face



Customer Notes (Include Any In-Shop Inspection Visits)

Company _____

Contact _____

Phone _____

Fax _____

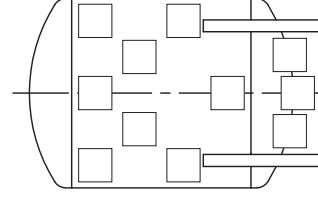
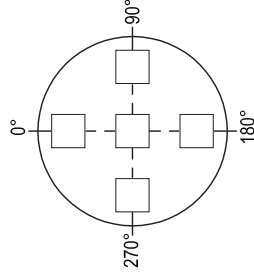
Email _____

Quantity _____

Service Type ☐ Water ☐ Water & Acid ☐ Left Hand / Right Hand

☐ Other _____

Show letter from "Mark" column in appropriate box for fittings listed in "Schedule of Openings." Location in head or shell is important (exact position is not).



Price Ea. \$ _____

Skid/Wrap Ea. \$ _____

Weight Ea. _____

Ship _____ Weeks After Drawing Approval

Schedule of Openings

Mark	Type*	Size	Service
A			
B			
C			
D			
E			
F			
G			
H			

* Add "SS" for Stainless Steel. Example: MWSS = Manway Stainless Steel



Safe Water Technologies, Inc.
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STEEL TANKS

SEISMIC DATA REQUEST

Company _____ PO# _____ PO Date _____
 Contact _____ SO# _____ Model # _____

A. Existing Information: Please forward any information provided by the end user.

B. Installation Location: ☐ United States ☐ Canada ☐ Other Country

Complete Section C for ALL installation locations. If installed in Other Country, complete Sections C & D.

C. For ALL Installation Locations:

1. Installation Address _____
 City/Town _____ State/Prov. _____ Zip/Postal Code _____

2. Facility Type (check below or fill in other) Other _____

Occupancy Category III

- ☐ Buildings with capacity above 250
- ☐ Daycare with capacity above 150
- ☐ Jail or Detention Facility
- ☐ Municipal Water / Sewage Treatment
- ☐ Telecommunication Center
- ☐ Manufacture or Storage of Chemicals or Hazardous Materials in Quantities that would put Public at Risk if Released

Occupancy Category IV

- ☐ Hospital & Other Health Care
- ☐ Emergency—Fire, Rescue, Police
- ☐ Emergency Shelters
- ☐ Emergency Comms/Ops Centers
- ☐ Aviation Control Towers
- ☐ Areas Critical to National Defense
- ☐ Chemicals of Very High Hazard

3. Special regulations applicable to facility (example: California OSHPD, DOD) _____

4. Will the vessel(s) be bolted direct to concrete? ☐ Yes ☐ No

NOTE: If bolted to a skid NOT provided by SWT, only structural calculations for vessel legs will be provided (no anchor calculations).

Calculations for vessel or skid anchors to concrete require data for concrete:

Thickness: _____ inches Strength: 4,000 psi or _____ psi

D. For Installations Located in Other Countries:

1. Is it permissible to use the International Building Code (IBC)? ☐ Yes ☐ No

If yes, provide seismic acceleration values Ss and S1:

Ss: _____ xg S1: _____ xg (NOTE: 1.15xg = seismic acceleration is 115% of gravity)

2. If not IBC, is there a different seismic code required? ☐ Yes ☐ No

If yes, can the end user provide the seismic calculations? ☐ Yes ☐ No

ASME DOCUMENT PACKAGE OPTIONS FOR STEEL TANKS

U-1A is included with all ASME Tanks

Level 1

As-Built Drawings
 Material Test Report (MTR) for Head & Shell

Level 2

Level 1 Items
 Weld Details
 Weld Procedures
 Welding Procedure Specification (WPS)
 Procedure Qualification Record (PQR)
 Paint Reports
 Holiday Free
 Mil Thickness

Level 3

Level 2 Items
 ASME Calculations
 Weld Map
 Welders Quality Log
 Nameplate Image
 Non Destructive Examination (NDE) Reports

Level 4

Level 3 Items
 Material Test Report (MTR) for All
 Pressure Boundary Parts



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