

Tank Worksheet Form

Industrial Fiberglass Specialties, Inc.

521 Kiser Street - Dayton, Ohio 45404-1641

Telephone = (937) 222-9000 - FAX = (937) 222-9020

Date: _____

Customer Inquiry #: _____

End User: Company: _____

Contact: _____

Address: _____

Telephone: _____

City, State, & Zip: _____

Representative Agency: _____

Contact: _____

Telephone: _____

Tank Identification: _____

Chemical Service: _____

Tank Description: Series 9500 Vertical Filament Wound Fiberglass Reinforced Plastic Tank

Tank Diameter: _____ Tank Shell Height: _____ Overall Tank Height: _____

Nominal Capacity: _____ gallons.

Type of Bottom: Flat.

Type of Bottom: Dished.

Type of Bottom: Cone, _____ deg. included angle.

Type of Bottom: Sloped - Non-corrected, _____" slope.

Type of Bottom: Sloped - Corrected, _____" slope.

The cone or dished bottom tank will be supported on an FRP skirt.

The cone or dished bottom tank will be supported on a Steel support band and lugs.

The cone or dished bottom tank will be supported on a Steel support band and legs with feet.

When steel support band and lugs or legs are used, all steel work will be

Epoxy prime coated.

Galvanized.

Stainless Steel, Type _____.

Type of Top: Flat Reinforced.

Type of Top: Standard reinforced shallow cone.

Type of Top: Dished - ASME.

Type of Top: Dished - elliptical, 2 to 1.

Type of Top: Standard open top - inward reinforcing flange.

Type of Top: Open top - external reinforcement.

Type of Top: Open top with removable reinforced shallow cone cover.

Type of Top: Open top with reinforced flat removable cover.

Type of Top: Special

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Materials of Construction: Series 9500 tanks have a nominal 100 mil C-Veil and chopped fiberglass strand reinforced corrosion barrier, followed by a filament wound fiberglass structural overwrap. Tank tops and bottoms are contact molded per NBS PS 15-69. A premium grade vinylester resin will be used in both the liner and structural overwrap.

Vessel Exterior: Standard white or light tan pigmented UV inhibiting resin coat.

Vessel Exterior: Clear exterior with UV inhibitor.

Vessel Exterior: Surfacing veil reinforced exterior corrosion barrier with UV inhibitor.

Insulation: Tank will be Non-insulated.

Insulation: Tank will have Sidewall insulated.

Insulation: Tank will have Top and sidewall insulated.

Insulation will be _____ inches of polyurethane foam insulation with filament wound fiberglass protection on the sidewalls and contact molded FRP protection on the top.

Standard Tank Accessories:

Lifting and handling = Top eyebolt.

Lifting and handling = Standard lifting bar.

Lifting and handling = FRP lifting lugs.

Lifting and handling = Eyebolts installed in top outward turning angle lip.

Holddowns = Standard Type 304 stainless steel holddown lugs.

Holddowns = Standard FRP lugs with matching galvanized steel clips.

Holddowns = None - inside location.

Holddowns = Holddowns are part of the skirt, lugs or leg feet quoted with dished and cone bottom tanks.

Venting: "V" gooseneck style. Diameter of vent = _____".

Venting: "U" gooseneck style. Diameter of vent = _____".

Venting: Mushroom cap style. Diameter of vent = _____".

Venting: Flanged (or NPT coupling) nozzle for vent line, nozzle included in nozzle listing below.

Venting: Not applicable - open top tank

Venting: None specified - it is important that customer make provision for proper venting.

Material used for vent FRP.

Material used for vent PVC

Manways: Standard top center 24" dia. with bolted cover.

Manways: Special top offset with flanged and bolted cover - diameter = _____".

Manways: Special top offset with hinged cover - diameter = _____".

Manways: Side mounted 24" dia. manway with domed bolted cover and heavy-duty filament wound 25 psi flange.

Manways: None specified.

Manways: Not applicable - open top tank

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Manway Hardware: Cadmium plated.
Manway Hardware: Galvanized.
Manway Hardware: Stainless steel, Type _____.
Manway Gaskets: Neoprene.
Manway Hardware and Gaskets: None - Customer Furnished.

Tank will include the following installed nozzles:

FRP NPT threaded fittings:
FRP flanged and gusseted nozzles:
FRP flanged straight (non gusseted) nozzles:
FRP flanged and gusseted tangential nozzles:
FRP flanged and gusseted siphon drains:
FRP flanged and gusseted side bottom drains:
FRP flange pads:
FRP blind flanges:
Flanges will be: Heavy-duty 150 psi filament wound.
Flanges will be: Press molded.
Flanges will be: Contact molded.
Gussets are: Conical or plate, at our option.
Gussets are: Conical.
Gussets are: Plate.
Gussets are: None - not specified by customer.
Flanges are furnished: without hardware and gaskets - customer supplied.
Flanges are furnished: with cadmium plated hardware.
Flanges are furnished: with galvanized hardware.
Flanges are furnished: with stainless steel, Type _____ hardware.
and neoprene gaskets.
and _____ gaskets.

Ladder & Platform Accessories:

None - ladders and/or platforms not specified by customer.
FRP ladder support lugs, _____ installed, for customer supplied ladder.
FRP platform support lugs, _____ installed, for customer supplied platform.
Manufacturer supplied ladder and support lugs with a height of _____ .
Manufacturer supplied transition platform.
Manufacturer supplied ladder safety cage with a height of _____.
Manufacturer supplied top safety platform walkway with support lugs.
Manufacturer supplied top mounted circumferential handrail with support lugs.
Tank top covered with an "anti-slip" material.
All ladders, cages, platforms, and handrails to be: FRP.
All ladders, cages, platforms, and handrails to be: Aluminum.
All ladders, cages, platforms, and handrails to be: Carbon steel - epoxy prime coated.

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All ladders, cages, platforms, and handrails to be: Carbon steel - galvanized.

All ladders, cages, platforms, and handrails to be: Stainless steel, Type.

Agitation Accessories:

None - agitation equipment and accessories not specified by customer.

Sidewall reinforced mounting pad for "C" clamp style portable agitators.

FRP gusseted agitator support nozzle, diameter = _____ ".

Top angled pad mount.

Top mounted I-Beam or channel agitator support platform.

Top I-Beam or channel agitator support platform with sidewall mounted post supports.

Agitator supports - (i.e. I-Beams, sidewall supports, etc.) - to be:

Carbon steel - epoxy prime coated.

FRP.

Aluminum.

Carbon steel - galvanized.

Stainless steel, Type _____.

Internal FRP Agitation Baffles:

Yes; four baffles, _____ " wide, _____ " thickness, and _____ " long.

No; agitator is side mounted or top offset or angle mounted.

No; none specified by customer, but should be considered.

Baffle Design: Standard wedge baffle.

Baffle Design: Flat plate, gusseted one side; _____ ea. gussets per baffle.

Baffle Design: Flat plate, gusseted two sides; _____ ea. gussets per baffle.

Special Plant Procedures:

Hydrotesting before shipping: No.

Hydrotesting before shipping: Yes.

Oven Post Cured: Yes.

Oven Post Cured: No.

Other Special Accessories and Fittings: None.