

PUMP INQUIRY FORM TANK TRANSFER

Name: _____ Company: _____ Address: _____ City: _____ State/Country: _____ Zip/Code: _____	Phone: _____ Fax: _____ e-mail: _____ Project Name: _____ Project Location: _____
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APPLICATION: Tank Transfer

TYPE OF PUMP: Chopper_Screw

- ☐ Vertical Wet Well: Length: _____ Feet
☐ Vertical Recirculator: Length: _____ Feet
☐ Horizontal ☐ Vertical Pedestal
☐ Submersible: ☐ Explosion Proof
 ☐ Guide Rail System
 ☐ Recirculator
 ☐ Hydraulic Submersible
☐ Self-Primer

PROPERTY OF LIQUIDS:

Temperature: _____ °F _____ °C
 PH: _____ Salinity (ppt): _____
 % Solids: _____
 Specific Gravity: _____
 Viscosity (cps): _____ (ssu) _____
 (Detailed viscosity/rheology data)
 Describe Solids: _____

 (Estimated particle size)

TANK DIMENSIONS:

<u>Cylindrical</u> Diameter: _____ ft / m Height: _____ ft / m Cone Depth/ Slope: _____ ft / m	<u>Rectangular</u> Depth: _____ ft / m Width: _____ ft / m Length: _____ ft / m
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SYSTEM DESCRIPTION:

Inlet Pipe Dia: _____ in / mm
 Inlet Pipe Lng: _____ ft / m
 Inlet Static Hd: _____ ft / m
 Inlet Lift: _____ ft / m
 Inlet Filter: _____ Differential psi / ksm
 Disc. Pipe Dia: _____ in / mm
 Disc. Pipe Lng: _____ ft / m
 Disc. Static Hd: _____ ft / m
 Disc. Filter: _____ Differential psi / ksm
 Tank Min Lvl: _____ ft / m
 Tank Max Lvl: _____ ft / m
 Other: _____

PUMP PERFORMANCE:

Capacity: _____ gpm / m3/hr
 Head: _____ ft / m / psi

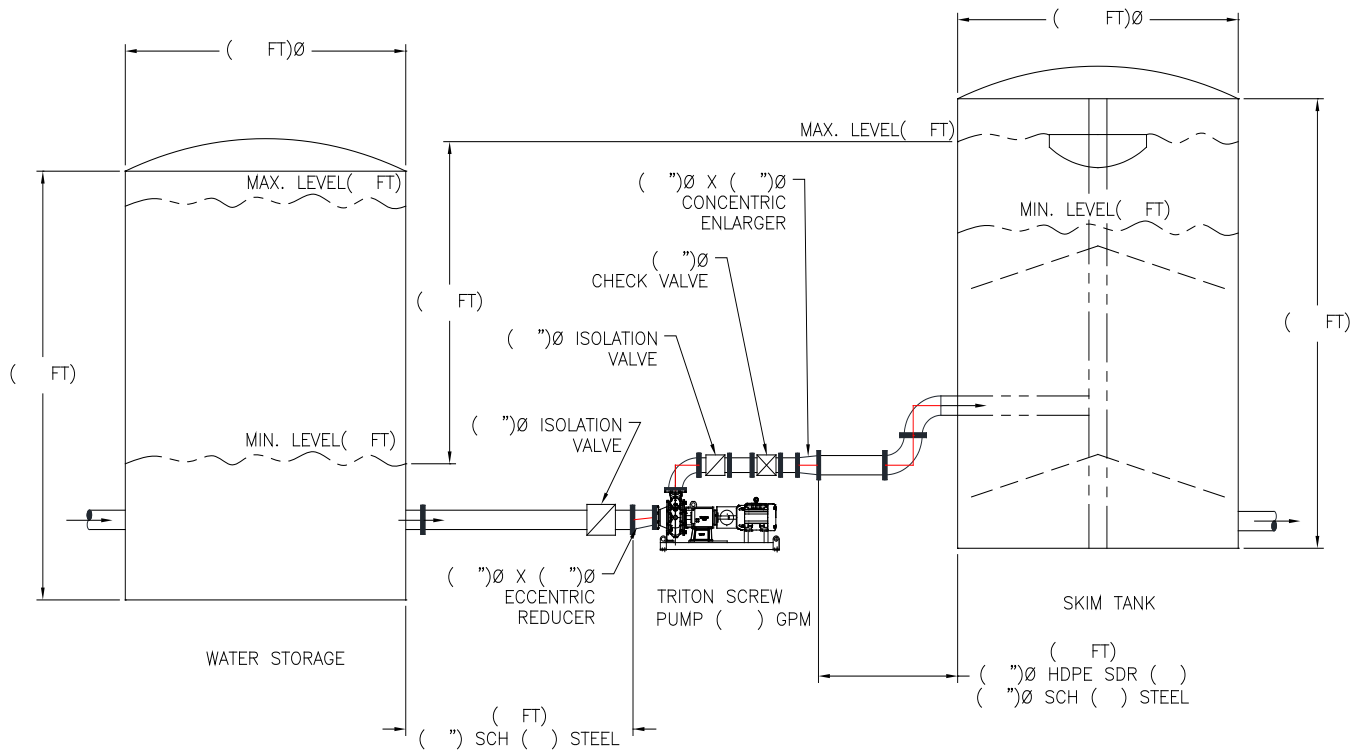
ELECTRIC MOTOR REQUIREMENTS:

- ☐ Premium Efficiency, Class 1, Division 2
☐ IEEE-841, Class 1, Division 2
☐ Explosion Proof, Class 1, Division 1
☐ Submersible, Class 1, Division 1
 HP/KW: _____ RPM: _____
 Volts: _____ PH: _____ HZ: _____
 Special Features: _____

Attach Tank Sketch or Drawing: ☐

TOTAL HEAD CALCULATIONS

TANK TRANSFER



TRANSFER PUMP SYSTEM

SPECIAL CASES:

Pipelines with valves & fitting, add appropriate equivalent pipe length.

Pressurized supply or discharge tanks, add the discharge tank pressure, in feet, less any supply tank pressure, in feet, to the above Total Head calculation. Gauge pressure, in psi x 2.31 = head in feet.

Very high solids content sludges & slurries, contact Vaughan on reliable test data for friction values.

Fax, e-mail or mail form directly to:

Vaughan Company, Inc.

364 Monte Elma Road

Montesano, WA 98563

360-249-4042

Fax: 360-249-6155

e-mail: info@chopperpumps.com