Unmatched Reliability
Vaughan®

PUMP INQUIRY FORM
TRUCK OFFLOAD

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

APPLICATION: Truck Offload

_____

TYPE OF PUMP: Screw

☐ Vertical Wet Well: Length: ____ Feet
☐ Vertical Recirculator: Length: ____ Feet
☐ Horizontal ☐ Vertical Pedestal
☐ Submersible: ☐ Explosion Proof
☐ Guide Rail System
☐ Recirculator
☐ Hydraulic Submersible

PROPERTY OF LIQUIDS:

Temperature: _____ ºF _____ ºC
PH: _____ Salinity (ppt): _____
% Solids: _____
Specific Gravity: _____
Viscosity (cps): _____ (ssu) _____
(Detailed viscosity/rheology data)
Describe Solids: _____
_____
(Estimated particle size)

TANK DIMENSIONS:

Cylindrical	Rectangular
Diameter: ___ ft / m	Depth: _____ ft / m
Height: _____ ft / m	Width: _____ ft / m
Cone Depth/ Slope: _____ ft / m	Length: _____ ft / m

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

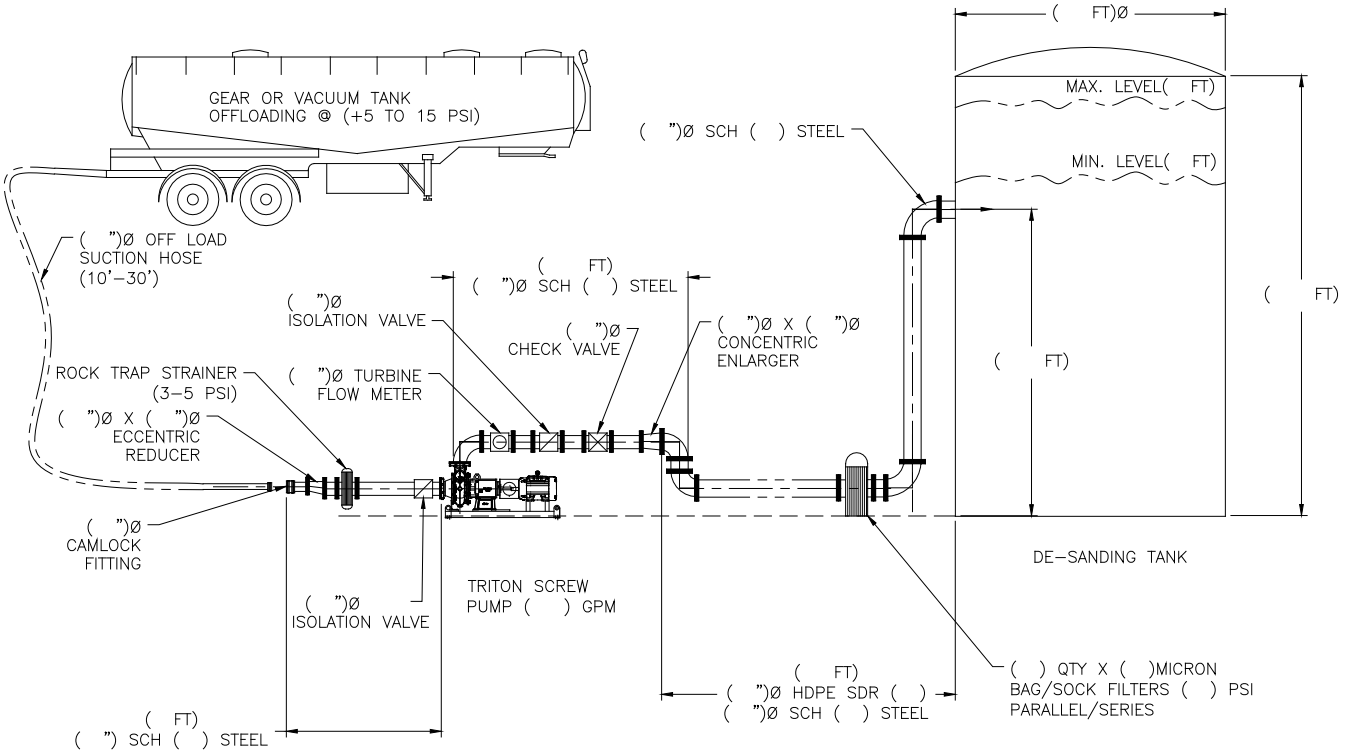
ELECTRIC MOTOR REQUIREMENTS:

☐ 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
TRUCK OFFLOAD



TRUCK UNLOAD 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