



Blended Fuel Compatibility Form

Facility - 2044740

Facility Name	Thornton Oil #310
Address	205 S. Route 12 Volo, IL 60020
County	Lake
Contact Name	Amy Herrigas
Phone Number	(815) 578-9085

Tank - 4

Tank Material	Fiberglass Brine Filled Double Wall
Tank Capacity	6,000
Tank Product	E85
Tank Install Date	11/9/2010

Tank Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Tank - Fiberglass Brine Filled Double Wall XERXES	XERXES	Manufacturer Approval	XERXES-UST-Fuel-Compatibility.pdf	See highlighted section Pg. 4.

Piping Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Piping - Flexible Double Wall A.P.T. Poly Tech P200SC	A.P.T. Poly Tech P200SC	Manufacturer Approval	APT XP Flexible Pipework Datasheet.pdf	See highlighted section Pg. 1.

Containment Sump Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Piping - UDC	OPW/one piece Polythylene DS 1836	Manufacturer Approval	opw-fuel-compatibility-matrix-below-ground-products-2018.pdf	Site has the OPW dispenser sumps.
Piping - Single Wall STP/Tanktop Sump	OPW/one-piece Polythylene DS-1836	Manufacturer Approval	XERXES-UST Fuel tank and containment.pdf	See highlighted section Pg. 3.

Release Detection Tank Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
ATG Probe	Veeder Root Model 846391-410	Manufacturer Approval	846391-xxx Stainless Steel Mag Plus In-Tank Probe Alternative Fluids.pdf	
Hydrostatic Reservoir Interstitial Monitoring Sensors with monitor	Veeder Root. 794380	Manufacturer Approval	veeder root sensors all.pdf	

Release Detection Piping Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Leak Detect - Piping - Electronic Pressurized Line Leak Detection	Veeder Root Model 848480-001	Manufacturer Approval	VR PLLD Fuel Compatibility.pdf	See highlighted area Pg. 2.
Non-Discriminating Sump Sensor with positive shutdown in Piping - Single Wall STP/Tanktop Sump	Veeder Root Model 794380-323	Manufacturer Approval	VR 794380-323_Position Sensitive Sensor.pdf	

Spill Prevention Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Double Wall Spill Bucket	Franklin Fueling, 7054740X	Manufacturer Approval	franklin spill containers .pdf	

Overfill Prevention Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Overfill Drop tube	OPW/71SOM-412C	Manufacturer Approval	Overfill Valve and Spill Bucket Compatibility.pdf	

Pump Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Submersible Pump	FE Petro PMAAG-VS4	Manufacturer Approval	FFS-0796 Submersible Turbine Pump Fuel Compatibility.pdf	

Gaskets & Seals Equipment

No documentation submitted - Not Required for tanks installed prior to 10/13/2018

Joint Dopes & Adhesives Equipment

No documentation submitted - Not Required for tanks installed prior to 10/13/2018

Correspondence Contact

Submitter Name Ed Angell Job Title Project Manager Company B & K Equipment Company Phone Number (708) 474-3344 Email ED.ANGELL@BKEQUIP.COM Contractor License # IL1207	<input checked="" type="checkbox"/> By checking this box, I certify that this Blended Fuel Compatibility Form has been completed as required by OSFM rules.
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