



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

Blended Fuel Compatibility Form

Facility - 2031790

Facility Name Thornton's #115
Address 800 Northwest Highway
Cary, IL 60013
County McHenry
Contact Name Sarah Tiley
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Tank - 7

Tank Material Fiberglass Double Wall
Tank Capacity 10,000
Tank Product E85
Tank Install Date 6/9/2006

Tank Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Fiberglass Double Wall	XERXES	Manufacturer Approval	XERXES-UST Fuel tank and containment.pdf	

Piping Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Fiberglass Double Wall	Ameron Dualoy 3000/LCX	Manufacturer Approval	Ameron Piping.pdf	

Containment Sump Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Single Wall UDC Sumps	Bravo	Manufacturer Approval	Bravo RED UDC Sump Compat ibility.pdf	
Single Wall STP/Tanktop Sump	Xerxes/	Manufacturer Approval	ZCL-XERXES-Sump-Brochure (1).pdf	

Release Detection Tank Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
ATG Probe	Veeder Root/846-391-110	Manufacturer Approval	Probe Compatibility.pdf	
Required Other Monitor only for sensors	Veeder Root TLS 450 Plus	Manufacturer Approval	Veeder Root Probe & Float .pdf	New from Permit Application.
Non-Discriminating Interstitial Monitoring Sensors With Monitor	Non-Discriminating Interstitial Monitoring Sensors With Monitor	Manufacturer Approval	Veeder Root Sump & Inters tial Sensors.pdf	

Release Detection Piping Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Electronic Pressurized Line Leak Detection	Veeder Root/0848480-001	Manufacturer Approval	Electronic Leak Sensor Co mpatibility.pdf	
Non-Discriminating Sump Sensor in Single Wall STP/Tanktop Sump	Veeder Root/ 794380-323	Manufacturer Approval	Position+Sensitive+Sensor .pdf	

Spill Prevention Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Double Wall Spill Bucket	Double Wall Spill Bucket	Manufacturer Approval	8+Spill+Bucket.pdf	

Overfill Prevention Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Overfill Drop Tube Valve	OPW 71SOM-412C	Manufacturer Approval	Overfill Valve and Spill Bucket Compatibility.pdf	
Ball Only Removed Ball Float Vent Valve	OPW/53vmL	Manufacturer Approval	Ball Float Compatibility.pdf	No ball attached.

Pump Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
FE Petro	PMAAG-VS4 FE Petro	Manufacturer Approval	STP Compatible.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

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☒ By checking this box, I certify that this Blended Fuel Compatibility Form has been completed as required by OSFM rules.