



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

Blended Fuel Compatibility Form

Facility - 1028432

Facility Name Beck's #27
Address 1302 Raymond Drive
Mendota, IL 61342
County LaSalle
Contact Name Rose Herendeen
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Tank - 6

Tank Material Fiberglass Double Wall
Tank Capacity 20,000
Tank Product B-99
Tank Install Date 8/15/2018

Tank Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
DW Xerxes 20,000	DW-20,000 Xerxes	Manufacturer Approval	Xerxes-Fuel-Tanks-Data-Sheet-0822.pdf	

Piping Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Flex Connector Steel	Flexing	Manufacturer Approval	Compatibility FFS-0271 (U L) Flexible Connectors Data sheet.pdf	
Shear Valve	EBW	Manufacturer Approval	Compatibility FFS-0265 66 2 Series Shear Valve Data sheet.pdf	
3000 LCX	Ameron 3000 LCX	Manufacturer Approval	Dualoy 3000 LCX Data Sheet.pdf	

Containment Sump Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Single Wall STP/Tanktop Sump	APT TSM4736 tank sump	Manufacturer Approval	FFS-0691 UL 2447 Listed Products.pdf	
Single Wall Transition Sump	IPS 3636 transition sump	Manufacturer Approval	FFS-0691 UL 2447 Listed Products.pdf	
Single Wall UDC Sump	LMM3617 APT dispenser sump	Manufacturer Approval	FFS-0691 UL 2447 Listed Products.pdf	
Not Installed UDC Sump	Lmm3617 APT	Manufacturer Approval	FFS-0691 UL 2447 Listed Products.pdf	Not installed UDC ? confused on what needs to go here.

Release Detection Tank Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Non-Discriminating Interstitial Monitoring Sensors With Monitor	Incon FMP-ULS	Manufacturer Approval	FFS-0635 Sensors Datasheet.pdf	From Permit Application. B99 tank is connected to Incon EVO ts-500
Non-Discriminating Interstitial Monitoring Sensors	Incon FMP-ULS	Manufacturer Approval	FFS-0635 Sensors Datasheet.pdf	B99 tank is connected to Incon EVO ts-500
ATG Probe	Incon FMP-LL3-101	Manufacturer Approval	FFS-0434 Incon Digital Inventory & Leak Detection Probes Datasheet.pdf	B99 tank is connected to Incon EVO ts-500

Release Detection Piping Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Electronic Pressurized Line Leak Detection	Incon TS-LS500	Manufacturer Approval	FFS-0263 Incon Electronic Line Leak Detection Data sheet.pdf	B99 tank is connected to Incon EVO ts-500
Non-Discriminating Sump Sensor with positive shutdown in Single Wall STP/Tanktop Sump	Incon FMP-ULS	Manufacturer Approval	FFS-0635 Sensors Datasheet.pdf	B99 tank is connected to Incon EVO ts-500
Non-Discriminating Sump Sensor with positive shutdown in Single Wall Transition Sump	Incon FMP-ULS	Manufacturer Approval	FFS-0635 Sensors Datasheet.pdf	B99 tank is connected to Incon EVO ts-500

Spill Prevention Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Single Wall Spill Bucket	EBW705555112CI-GKT	Manufacturer Approval	1FFS-0127 Defender Series Spill Containers Datasheet.pdf	Uploaded new datasheet showing B100 compatibility

Overfill Prevention Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Overfill Alarm	VR-acknowledgment switch and Alarm	Manufacturer Approval	VR Sensor Application Guide (AG).pdf	

Pump Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Gilbarco Dispensers Diesel NPA	Encore 700s NPA	Manufacturer Approval	gilbarco efuel bio.pdf	no other pump
Submersible Turbine Pump	ISTAPMVS4VL2-18	Manufacturer Approval	FFS-0796 Submersible Turbine Pumps Datasheet.pdf	
Suction Pump	Gorman Rupp GHS2JP3-B	Manufacturer Approval	GR - GHS Pump Spec Sheet. pdf	Gorman Rupp does not have documentation stating B99 compatibility but all bio co...
Dispenser	Gilbarco Encore 700s NPA	Manufacturer Approval	gilbarco efuel bio.pdf	
Nozzle	Hus 177610-04	Manufacturer Approval	1 + VIII spec sheet.pdf	
Hose	Irpco 110101 1" x 10' MxM	Manufacturer Approval	COMPATIBILITY MATRIX (JAM 4-10-17).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		☒ By checking this box, I certify that this Blended Fuel Compatibility Form has been completed as required by OSFM rules.
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