



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

Blended Fuel Compatibility Form

Facility - 2007031

Facility Name Shell BFR 3501
Address 3501 S. Damen Avenue
Chicago, IL 60609
County Cook
Contact Name Babar Raza
Phone Number (630) 235-1413

Tank - 2

Tank Material Fiberglass Single Wall
Tank Capacity 10,000
Tank Install Date 1/1/1978
Current Product on File Gasoline - Regular
Newly Reported Product E-85

Tank Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Fiberglass Single Wall	Bridgeport lining	Manufacturer Approval	bridgeport tank lining.pdf	existing single wall tank has been interior lined

Piping Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Flexible Double Wall	NUPI Smartflex	Manufacturer Approval	Nupi-America.pdf	

Containment Sump Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Single Wall Transition Sump	OPW, Pisces series	Manufacturer Approval	opw-fuel-compatibility-matrix-below-ground-products-2018.pdf	
Single Wall STP/Tanktop Sump	OPW, Pisces series	Manufacturer Approval	opw-fuel-compatibility-matrix-below-ground-products-2018.pdf	
Dispenser Sump	OPW, Pisces series	Manufacturer Approval	opw-fuel-compatibility-matrix-below-ground-products-2018.pdf	

Release Detection Tank Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
tank monitor with probe	Veeder Root TLS 350	Manufacturer Approval	veeder root probes.pdf	
ATG Probe	Veeder Root, 846391-407	Manufacturer Approval	veeder root probes.pdf	

Release Detection Piping Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Electronic Pressurized Line Leak Detection	Veeder Root, TLS-350, 848480-001	Manufacturer Approval	Veeder-Root PLLD.pdf	
Non-Discriminating Sump Sensor with positive shutdown	Veeder Root 794380-323	Manufacturer Approval	veeder root sensors all.pdf	

Spill Prevention Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Single Wall Spill Bucket	OPW 1-2100EVR	Manufacturer Approval	Opw spill containers.pdf	

Overfill Prevention Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Overfill Drop Tube Valve	Franklin Fueling, Defender	Manufacturer Approval	FFS-0392 Defender Series OPV Datasheet.pdf	

Pump Equipment

Compatibility Item	Model/Manufacturer	Compatibility Method	Documentation	Comment
Submersible Pump	Franklin 4020159	Manufacturer Approval	franklin stp.pdf	
Dispenser	Wayne EB23/5220D3	Manufacturer Approval	wayne dispensers all.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@bkequip.com
Contractor License # IL1207

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