

Appendix 2: Sample Checklist For Determining UST System Compatibility

This sample checklist can help owners and operators determine and document the compatibility of their UST systems. Be sure to check with your implementing agency for their specific compatibility requirements. They may require you submit a compatibility documentation checklist that differs from the sample checklist provided below.

Checklist For Determining And Documenting UST System Compatibility				
Instructions: Complete all sections. This will help ensure you have the required information to demonstrate compatibility of an UST system with biofuels containing more than 10 percent ethanol or more than 20 percent biodiesel.				
Facility Owner: USAF Facility Name: Military Service Station Facility Number: 565		Facility's Street Address, City, State, Zip Code: 375 CES/CEI Bldg. 531 701 Hangar Road Scott AFB, IL 62225-5035		
UST System Identifier: Tank 109	Type And Blend Of Regulated Substance: E-85		UST Capacity In Gallons: 10,000	
Complete the checklist below, listing compatibility determination, method*, and description. All answers must be Yes and supported with a sufficient description or documentation for your system to be demonstrated compatible with the biofuel.				
UST System Components	Documentation Demonstrating Compatibility With The Substance Listed Above?		Method* A, B, Or C	Description Of Component Type, Model Number, And National Laboratory Certification, Listing Or Manufacturer Approval
Tank	No	☒	B	Modern Welding Company of Iowa, Inc. Glasteel II Double Wall Tank UL-58 and UL-1746 part III Manufacturer Approval PO 005573
Piping	No	☒	B	NOV Fiber Glass Systems Ameron Dualoy 3000/LCX UL (file MH9162) Manufacturer Approval
Containment Sumps	No	☒	B	BRAVO SKU: B427x33-48T-RB-SL Serial #: 42550-001-1 Manufacturer Approval

Pumping Equipment	No	☒	B	Franklin Fueling Systems Model STP AGR75-VL2-14 Serial Number 08091456 UL listed 483A, UL 79A and UL 79B
Release Detection Equipment	No	☒	B	Veeder Root PLLD Series 8484 Serial Number: 357365 Manufacturer Approval
Spill Equipment	No	☒	B	Morrison Brothers 515 Series spill containment device for aboveground flammable liquid storage tanks. Manufacturer Approval
Overfill Prevention Equipment	No	☒	B	Veeder Root High Level Alarm TLS-350 50834992505001 Manufacturer Approval

***Methods:**

A: Certification or listing of UST system equipment or components by a nationally recognized, independent testing laboratory for use with the regulated substance stored

B: Equipment or manufacturer approval. The manufacturer's approval must be in writing, indicate an affirmative statement of compatibility, specify the range of biofuel blends the component is compatible with, and be from the equipment or component manufacturer

C: Use another option determined by your implementing agency to be no less protective of human health and the environment than methods A or B. If using C, list your implementing agency and immediately below describe the approved alternative method for meeting the compatibility requirement

Method C Description: Area built according to UFC 3-460-01

Note: Owners and operators may find American Petroleum Institute's Recommended Practice 1626, *Storing and Handling Ethanol and Gasoline-Ethanol Blends at Distribution Terminals and Filling Stations*, useful in complying with the compatibility requirements.

In order to be in compliance with the 2015 UST regulation compatibility requirements for storing biofuels, you must keep documentation of compatibility of the UST system components listed on this page as long as you store the fuel.

For your records, you should update this checklist each time you repair or replace components of your UST system to ensure you have all the required compatibility documentation while storing biofuels.