



UST SYSTEM COMPATIBILITY FORM

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Underground Storage Tank (UST) System Compatibility Form

RETURN COMPLETED FORM TO:

Arkansas Department of Energy & Environment
Division of Environmental Quality
Office of Land Resources, Regulated Storage Tanks
5301 Northshore Drive, North Little Rock, AR 72118-5317

FOR STATE USE ONLY

Facility ID #:

AFIN:

Owner Account #:

SECTION 1: FACILITY INFORMATION

Facility Name:

Street Address:

County:

City:

State:

ZIP Code:

Phone #:

Facility ID:

SECTION 2: CURRENT SUBSTANCE STORED

Tank #:	Tank #:	Tank #:	Tank #:	Tank #:
Compartment #:	Compartment #:	Compartment #:	Compartment #:	Compartment #:
Substance:	Substance:	Substance:	Substance:	Substance:
Ethanol %:	Ethanol %:	Ethanol %:	Ethanol %:	Ethanol %:
Biodiesel %:	Biodiesel %:	Biodiesel %:	Biodiesel %:	Biodiesel %:

SECTION 3: INSTRUCTIONS

Complete the checklist on the last page. Support all answers with a sufficient description or documentation to show that your system meets the compatibility requirement for the biofuels you intend to store.

To comply with the 2015 UST regulation compatibility requirements for storing biofuels:

- document how you meet the requirement by demonstrating compatibility or using an alternative; and
- keep the documentation as long as you store the substance.

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.

SECTION 4: COMPATIBILITY DEMONSTRATION TYPES

A = demonstration using an independent laboratory certification or listing of component approval for use with the fuel you intend to store.

A valid demonstration of compatibility from an independent lab must:

- Be a certification or listing that specifically includes analysis and testing of the component **applicable to use with the type and blend of regulated substance you listed at the top of this page.**

Many independent laboratory certifications or listings for UST system components **do not** include testing for use with biofuels. You may find your system's component is listed or certified by an organization, such as UL, and the listing or certification states the component meets certain performance criteria. But if that listing or certification criteria does not specifically reference the component's performance with the substance you intend to store, then it does not meet the criteria necessary to demonstrate the component is compatible with the regulated substance you intend to store. Many components have UL listings or certifications that are applicable for use only with gasoline-ethanol blends containing from 0 to 10 percent ethanol.

You can find more information on *UL Fuel Compatibility Tool* at: www.ul.com/apps/ul-fuel-compatibility-tool.

If you cannot locate an appropriate listing or certification, a manufacturer's statement of compatibility may be available.

B = demonstration is a manufacturer statement of approval to use the component with the fuel you intend to store.

A valid manufacturer statement of compatibility must:

- be an affirmative statement in writing;
- be from the equipment or component manufacturer; and
- state the range of blends (for example, 0-30 percent ethanol; 0-85 percent ethanol; 0-100 percent biodiesel) the equipment or component is compatible with.

A manufacturer's written statement and compatibility claim are the responsibility of the manufacturer; EPA does not review them. An inspector may accept them as adequate demonstration of compatibility of the component for use with a regulated substance, if they meet the criteria above.

You can find many manufacturer statements at:

- Petroleum Equipment Institute's UST Component Compatibility Library:
<https://pei.org/resources/ust-component-compatibility-library/>
- ASTSWMO Emerging Fuels Task Force Fuel Compatibility Tool:
www.astswmo.org/ust-compatibility-tool

C = use only if your implementing agency allows an alternative and has determined it is at least as protective of human health and the environment as A or B.

SECTION 4: CHECKLIST

UST System Components	Documentation demonstrating compatibility with the Substance listed above?	A, B, or C* (See page 2 for description)	Description of Component
Tank	Yes No		<div>Component Type:</div> <div>Model Number:</div> <div>National Laboratory Certification/ Listing/Manufacturer Approval:</div>
Piping (carries product from the tank including flex connectors and shear valves)	Yes No		<div>Component Type:</div> <div>Model Number:</div> <div>National Laboratory Certification/ Listing/Manufacturer Approval:</div>
Containment Sumps (a sump the product piping enters, including entry boots)	Yes No		<div>Component Type:</div> <div>Model Number:</div> <div>National Laboratory Certification/ Listing/Manufacturer Approval:</div>
Pumping Equipment (included the submersible pump or suction pump, depending on the type of system)	Yes No		<div>Component Type:</div> <div>Model Number:</div> <div>National Laboratory Certification/ Listing/Manufacturer Approval:</div>
Release Detection Equipment–Tank (includes, but is not limited to, automatic tank gauging probes and float sensors)	Yes No		<div>Component Type:</div> <div>Model Number:</div> <div>National Laboratory Certification/ Listing/Manufacturer Approval:</div>
Release Detection Equipment–Piping (includes line leak detectors; and if using interstitial monitoring, secondary containment and sump sensors)	Yes No		<div>Component Type:</div> <div>Model Number:</div> <div>National Laboratory Certification/ Listing/Manufacturer Approval:</div>
Spill Equipment (for example, spill buckets)	Yes No		<div>Component Type:</div> <div>Model Number:</div> <div>National Laboratory Certification/ Listing/Manufacturer Approval:</div>
Overfill Prevention Equipment (includes, but not limited to, ball float valves, flapper valves or automatic shutoff devices, and probes for high level alarms, if not listed elsewhere on this form)	Yes No		<div>Component Type:</div> <div>Model Number:</div> <div>National Laboratory Certification/ Listing/Manufacturer Approval:</div>

A and B demonstrate compatibility.

*C: If using C, list your implementing agency and describe their allowed alternative to meet the compatibility requirement at the end of the checklist. Attach additional pages if need.