



**UNDERGROUND STORAGE TANK (LUST)
ARIZONA ADMINISTRATIVE CODE (A.A.C.) R18-12-232
CHANGE OF SUBSTANCE REPORTING FORM**

Complete this form if you intend to switch storage to a fuel blend containing greater than 10 percent ethanol, greater than 20 percent biodiesel, or any blend of Isobutanol.

Arizona Administrative Code (A.A.C.) R18-12-232 requires demonstration that the UST system is compatible with the substance stored (including the tank, piping, containment sumps, pumping equipment, release detection equipment, spill equipment, and overfill equipment). UST owners and operators are required to notify ADEQ at least 30 days prior to switching the fuel blend.

Submit completed form AND supporting equipment compatibility documents to ustplanreview@azdeq.gov

SECTION 1 – UST FACILITY INFORMATION

UST FACILITY ID NUMBER: 0-0 _____ FACILITY NAME: _____
 FACILITY ADDRESS: _____ CITY: _____ ZIP
 CODE: _____ COUNTY: _____

SECTION 2 – SUBSTANCE REPORTING FORM SUBMITTER INFORMATION

NAME: _____ UST OWNER UST OPERATOR
 EMAIL ADDRESS: _____
 PRIMARY PHONE: _____ SECONDARY PHONE (If Applicable): _____

SECTION 3 – PROPOSED CHANGE OF SUBSTANCE

PROPOSED CHANGE OF SUBSTANCE START DATE: _____

In the table below, use the Tank Number that corresponds to the UST Notification Form on file with ADEQ. If more than one tank or compartment is to contain a biofuel, provide additional copies of this page, as needed. Tank information may be verified using the search feature or excel spreadsheet available at legacy.azdeq.gov/databases/ustsearch_drupal.html.

ADEQ TANK #	COMPARTMENT ID	TANK CAPACITY	CURRENT STORED PRODUCT	PROPOSED NEW STORED PRODUCT
			<input type="checkbox"/> <input type="checkbox"/> Gasoline: E _____ <input type="checkbox"/> Bio-Diesel (B>5%): B _____ <input type="checkbox"/> Other Substance (Identify): _____	<input type="checkbox"/> Gasoline: E15 <input type="checkbox"/> Isobutanol <input type="checkbox"/> Gasoline: E _____ <input type="checkbox"/> Bio-diesel (B>5%): B _____
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SECTION 4 – SYSTEM COMPATIBILITY CHECKLIST

Instructions: The information included in this checklist is required to demonstrate compliance with Arizona Administrative Code (A.A.C.) R18-12-232 and this information is required to be submitted to ADEQ at least 30 days prior to the intended date of switching product. *Owners and operators storing alcohol blends should also refer to: American Petroleum Institute Publication 1626, "Storing and Handling Ethanol and Gasoline-Ethanol Blends at Distribution Terminals and Service Stations."*

ADEQ recommends that UST owners and operators who do not have all the documentation necessary to support that the equipment is compatible with the intended substance to be stored use an ADEQ-certified UST service provider to assist them with this evaluation and identification of applicable documentation.

Identify whether each item on the list below has been listed by Underwriters Laboratories (UL) or approved by the manufacturer as compatible (MA). NOTE: Older tanks and internally lined tanks may not be suitable for storage of the proposed fuel blend. If compatibility cannot be determined, the UST will not be approved to store the proposed product.

The following items must be compatible with blended fuel. For each component table 4.1 and 4.2:

1. Enter Model/Brand, Manufacturer
2. Check Yes or No in one or both columns under UL listed or Manufacturer Approved
3. If a component was not used in the installation, write "Not Used" in the Model/Brand, Manufacturer column

4.1 Tanks and Product Piping Compatibility Checklist

Component	Model/Brand	Manufacturer	UL Listed	Manufacturer Approved
Tank				
Auto Shutoff				
Sub Pump/O-rings/Gaskets				
Tank top Sump				
ATG Probe, Float/Sensor				
Drop Tube				
Ball Float				
Sump Sensor				
Spill Bucket				
Pipe				
Piping Sump Sensors				
Thread Sealant				
Adhesive				
Flex Connectors				
Line Leak Detectors				

4.2 Dispensers and Dispenser Sumps Compatibility Checklist

Compatibility with dispensers should also be evaluated during this process.

Note: Shear valves or emergency valves on existing and new UST systems must be compatible with blended fuel.

Component	Model/Brand	Manufacturer	UL Listed	Manufacturer Approved
Dispenser Sumps				
Piping				
Thread Sealant				
Sump				
Flex Connectors				
Sensor				
Check Valve				
Emergency Valve				

4.3 New Fuel Blend Pre-Transfer Checklist

After compatibility is confirmed, the following items must be checked prior to transferring the new fuel blend into the UST.

- The tank has been cleaned of all water and sediment
- A clean tank certificate or comparable documentation has been obtained
- All visible fittings & connections at the top of the tanks are tight (no vapors escape, no water enters)
- The sump & spill containment covers are watertight
- Fill port & access covers have been clearly & correctly identified & painted
- Dispenser labels have been added to correctly identify the new product

SECTION 4 – UST OWNER/OPERATOR AND SERVICE PROVIDER CERTIFICATION

UST Owner/Operator Certification	
<p>I certify that I have reviewed all the various components of the underground storage tank systems at the above noted facility which I intend to use to store fuel blends greater than 10 percent ethanol, greater than 20 percent biodiesel, or any blend of isobutanol, as identified above.</p> <p>I certify that based on all information available to me through my own research or through information provided by my ADEQ-certified UST service provider, all components are compatible with the proposed fuel blend to be stored.</p> <p>I certify under penalty of law that I am responsible for this document and all attachments.</p> <p>The submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.</p>	
<p>UST Owner or Operator Name: _____</p> <p>Name of Owner or Operator Representative Responsible for This Form: _____</p> <p>Role of Signatory with Respect to Owner or Operator: _____</p>	
<p>_____</p> <p>Signature</p>	<p>_____</p> <p>Signature Date</p>

If the UST owner or operator has used a contractor, ADEQ recommends having this certification completed as well:

UST Service Provider Certification	
<p>I certify that I have researched all the various components of the underground storage tank systems at this facility and reviewed available installation and, if applicable, repair and replacement records.</p> <p>I certify that the existing UST system and components are compatible with the proposed fuel to be stored.</p> <p>I certify under penalty of law that the submitted information is to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.</p>	
<p>ADEQ Certified UST Service Provider Name: _____</p> <p>Service Provider Company Name: _____</p> <p>ADEQ Service Provider Certification Number and Expiration Date: _____</p>	
<p>_____</p> <p>Signature</p>	<p>_____</p> <p>Signature Date</p>

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ATTACHMENT A (SECTION 3) PROPOSED CHANGE OF SUBSTANCE

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