

## Compatibility

Owners and operators must use a UST system made of or lined with materials that are compatible with the substance stored in the UST system.

Compatibility is the ability of two or more substances (for example the tank or piping material and petroleum) to maintain their respective physical and chemical properties upon contact with one another. These substances need to remain compatible for the design life of the tank and under conditions likely to be encountered in the UST.

### 2015 Requirements

Beginning on **October 13, 2015** owners and operators must notify their implementing agency at least 30 days prior to switching to one of the following:

- Regulated substances containing greater than 10 percent ethanol;
- Regulated substances containing greater than 20 percent biodiesel; or
- Any other regulated substance identified by the implementing agency.

This notification gives the implementing agency an opportunity to inquire about the compatibility of the UST system before the owner and operator begins storing the regulated substance.

In addition, owners and operators storing one of these regulated substances must meet one of the following:

- Demonstrate compatibility of the UST system (this includes the tank, piping, containment sumps, pumping equipment, release detection equipment, spill equipment, and overfill equipment) by using one of the following options:
  - Certification or listing of UST system equipment or components by a nationally recognized, independent testing laboratory for use with the regulated substance stored
  - Equipment or component manufacturer approval – this approval must be in writing, indicate an affirmative statement of compatibility, specify the range of biofuel blends the equipment or component is compatible with, and be from the equipment or component manufacturer
- Use another option determined by the implementing agency to be no less protective of human health and the environment than the two options above.

Owners and operators must maintain records that document compliance with the compatibility requirement if they store regulated substances containing greater than 10 percent ethanol, greater than 20 percent biodiesel, or any other regulated substance identified by the implementing agency. These records must be maintained for as long as the UST system is used to store one of these regulated substances.

<http://www.epa.gov/oust/ustsystem/compat.html>