

# VOL 7 ISSUE 6 SourceLine



## Ace Tank Marks 80 Years of Service

[Ace Tank & Fueling Equipment](#) is celebrating its 80th year of providing “Innovative Solutions ... Extraordinary Results” to a broad range of markets in the retail and commercial fueling segments. Recent achievements at Ace Tank include launching a free online [Tank Chart Generator](#). Please join us in congratulating them!

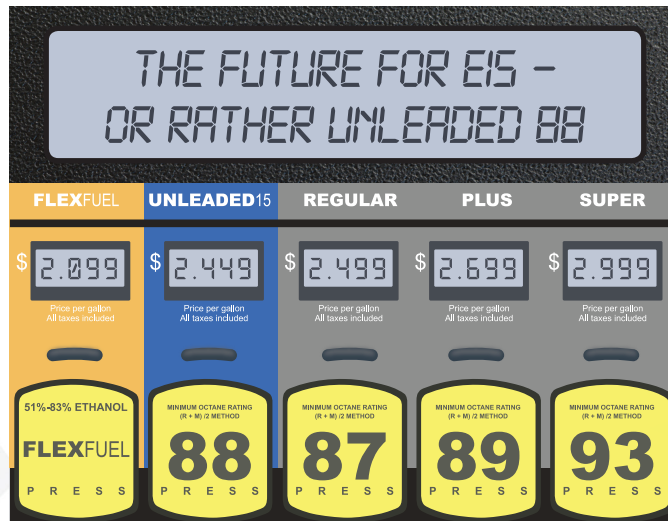


## UST Update: Deadlines, Incentives and More

The deadline to meet the updated federal underground storage tank regulations was Oct. 13, 2018. However, states with State Program Approval have the authority to set their own regulations, so their deadlines may be different.

Additionally, several states recently released new information regarding their UST regulations. Many additional states have completed updates to their regulations, including – but not limited to – Arkansas, California, Hawaii, Illinois, Louisiana, Maine, Mississippi, New Hampshire, New Mexico, Rhode Island, South Carolina, Tennessee, Texas and Vermont, Washington and Wyoming.

Visit Source's [State-by-State Guide to UST Regulations](#) for the latest regulatory news. For additional UST management resources including videos, newsletters, forms, and more, visit [USTTraining.com's UST Resources Library](#).



The U.S. Environmental Protection Agency has begun a rulemaking to permit the year-round sale of E15. The expansion of E15 represents an opportunity for marketers to capture new revenue on the forecourt. But there are several issues fuel retailers need to be aware of prior to adding E15.

**A misleading name could result in misfueling.** Although E15 is approved for use in an increasing number of vehicles (roughly 90 percent of vehicles on the road today), exceptions remain and concerns about misfueling persist. Simultaneously, there is a push to re-brand E15 as Unleaded 88. Industry trade groups have expressed uneasiness that cost-conscious consumers will incorrectly think they are purchasing a midgrade E10 that is priced lower than regular unleaded. The Petroleum Marketers Association of America has requested the Federal Trade Commission examine E15 labeling on dispensers and price signs.

**Equipment compatibility and compliance require forethought.** An EPA Technical Compendium has stated that some pipe dope utilized in thread sealant applications is incompatible with E15. (*See related story for more information*). Further, there are a number of procedures that need to be followed when storing ethanol blends higher than E10 underground. The U.S. Department of Energy's “Handbook for Handling, Storing and Dispensing E85 and Other Ethanol Blends” provides guidance on this.

**Blending E15 on-site or having it delivered as E15 both have their own merits and disadvantages.** Most marketers blend E10 and E85 on-site to make E15. But others choose to have E15 delivered to their site from a terminal and are storing it in separate storage tanks dedicated to E15. If E15 is not be permitted to be sold year-round, a dedicated E15 tank would need to be properly shuttered when it is not allowed to be used. Both options likely require equipment upgrades.

For more information about the future of E15, watch [Fuels Market News](#) for Source's latest article.



## Charity Begins at... the Gas Station

[PetrolPlaza](#) reports that a new East Coast gas station chain, [GivNGo](#), is offering motorists the opportunity to refill their tanks while also supporting local charities. For every gallon of fuel pumped at Pink-branded stations in New York, 1 cent is donated to the PinkTie 1000 Foundation who, in turn, donates the proceeds to local charities. The goal is to expand the “Fuel 4 A Cause” campaign across the country.



## Recommended Practices Update

**RP1200:** Most states will recognize the hydrostatic sump testing recommended in “Testing and Verification of Spill, Overfill, Leak Detection and Secondary Containment Equipment at UST Facilities.” States are issuing penalties for tampering with the sensor used in low-level sump testing.

**RP1400:** “The Recommended Practices for the Design and Installation of Fueling Systems for Emergency Generators, Stationary Diesel Engines and Oil Burner Systems” provides guidance on integrating, installing, inspecting and maintaining the numerous components in these systems.

**RP1700:** A draft of “Recommended Practices for the Closure of Underground Storage Tanks and Shop-Fabricated Aboveground Storage Tanks” is available for online public comment until June 15.

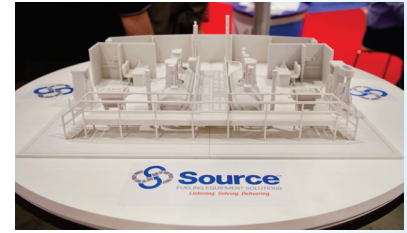
## EPA's UST Technical Compendium Offers Guidance on Thread Sealant Compatibility in Fueling Systems

*Note: Learn more about how pipe dope is used in a fueling system in our Equipment Guide.*

The U.S. Environmental Protection Agency issued guidance about the [compatibility of pipe dope](#) with ethanol blends greater than 10 percent in its Technical Compendium that accompanies the 2015 federal underground storage tank regulations.

Under the 2015 regulations, operators don't need to demonstrate compatibility of pipe dope or sealants, but the sealants are required to be compatible and operators are responsible for releases that occur. Different requirements may apply with other implementing agencies.

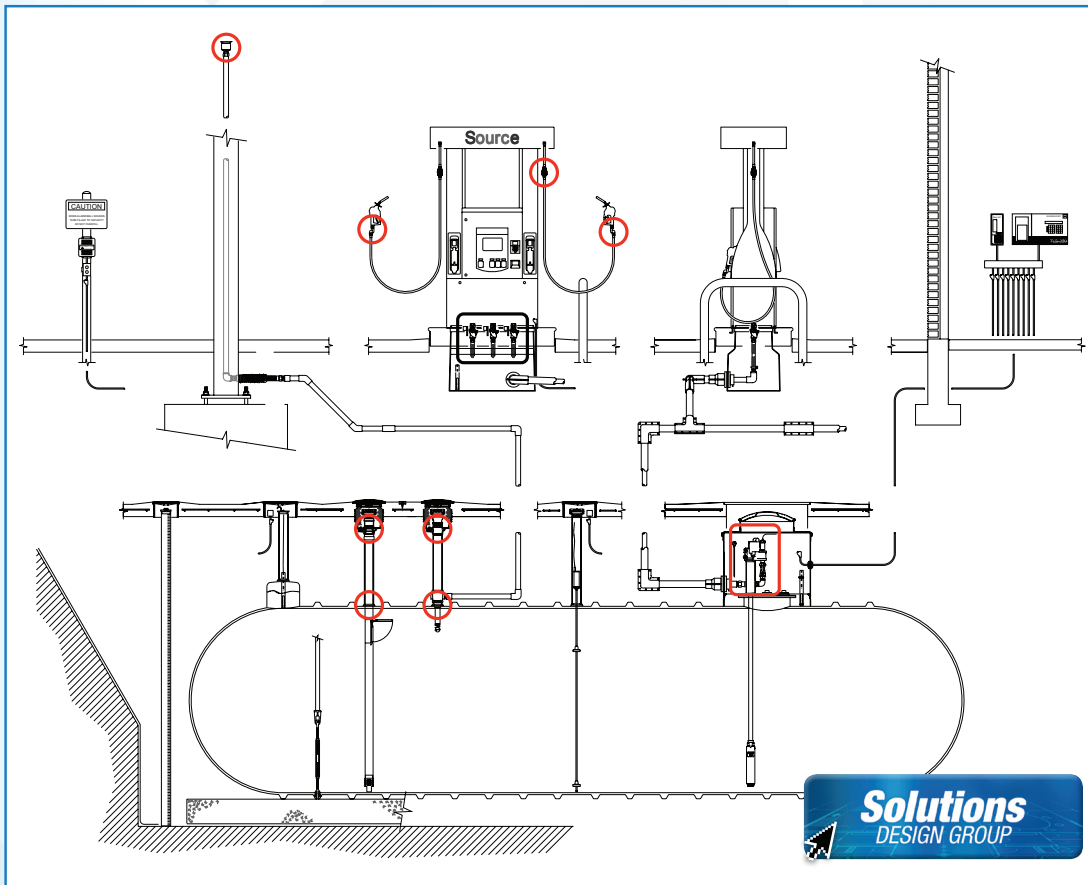
The EPA noted that much of the pipe dope used prior to 2007 is probably not compatible with ethanol blends greater than 10 percent. As such, operators storing higher ethanol blends should check the compatibility of the pipe dope used. Operators introducing ethanol blends to fueling systems not explicitly installed for that purpose also should evaluate the compatibility of the thread sealant used in the system. Modifications to each threaded connection may be needed.



### CSP Magazine Highlights Source University

The 3D printed mockup of our new training concept, Source University, may be relatively small compared to the actual facility. It still managed to capture the attention of many visitors who stopped by the Source booth at NACS, including CSP. We are really excited that CSP included Source University in its ["5 Forecourt Highlights From the 2018 NACS Show."](#) Thanks for the fantastic coverage, CSP!

## Equipment Guide: Understanding The Importance of Thread Sealant



**Pictured in the Diagram:**

Thread sealant is used throughout the fuel site (common applications are circled in red). Therefore, they must be correctly specified for different fuel products.

*Note: Learn about pipe dope compliance and compatibility in our summary of the EPA's Technical Compendium.*

**What pipe dope does:** Thread sealant, also called pipe dope, is applied to fuel system joints and connections in order to make them leak-proof and pressure tight.

**Why selecting the proper pipe dope is critical to a fuel system:** Proper application of thread sealant can mean the difference between a fuel system that remains leak-free over the long term and a fuel system that begins to seep. Pipe dopes are specified for different fuel site products including gasoline, diesel, DEF, ethanol blends, methanol, natural gas, LPG, propane and more. Pipe dope is used so universally, it is easily overlooked when equipment compatibility considerations are made – especially during retrofits for biofuels or ethanol blends.

**Source solutions:** Source offers thread sealants from Herson (Drip-stop®), Federal Process (Gasola®) and Jomar Valve. For assistance, call (800) 572-5578 today.