



TANKS

**Some of the regulatory summaries referenced from U.S. Northern Review publication.

FEDERAL

FINAL:

FINAL REPORT ON DIESEL FUEL TANK CORROSION STUDIES USEPA has released a final report, [Investigation Of Corrosion-Influencing Factors In Underground Storage Tanks With Diesel Service](#), that presents the results of two studies. The report concludes corrosion of metal components in USTs storing diesel appears to be common, and many owners are likely not aware of it. Other takeaways from the report: (1) corrosion is geographically widespread, affects UST systems with steel tanks and fiberglass tanks, and poses a risk to most internal metal components; (2) ethanol was present in 90 percent of 42 samples, suggesting that cross-contamination of diesel fuel with ethanol is likely the norm, not the exception; (3) the quality of diesel fuel stored in USTs was mixed; (4) particulates and water content in the fuel were closest to being statistically significant predictors for metal corrosion, but the cause has not been determined; and (5) microbiologically influenced corrosion could be involved, as hypothesized by previous research. USEPA has also issued a [questions and answers document](#) and [notice of corrosion risk](#) to UST owners recommending they check for corrosion in tank systems storing ultra-low sulfur diesel fuel. For more information, click [here](#).

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FINAL:

2015 REVISED UST REGULATIONS USEPA issued the 2015 [underground storage tank \(UST\) regulation](#) and the 2015 state program approval regulation. The revisions strengthen the 1988 federal UST regulations by increasing emphasis on properly operating and maintaining UST equipment. Changes include: (1) adding secondary containment requirements for new and replaced tanks and piping; (2) adding operator training requirements; (3) adding periodic operation and maintenance requirements for UST systems; (4) adding requirements to ensure UST system compatibility before storing certain biofuel blends; (5) removing past deferrals for emergency generator tanks, airport hydrant systems, and field-constructed tanks; (6) updating codes of practice; and (7) making editorial and technical corrections.

OTHER

MUSTS FOR USTS USEPA's [Musts for USTs](#) booklet has been updated to reflect the 2015 revisions to the underground storage tank (UST) regulations. The booklet summarizes federal UST requirements for installation, reporting, spill and overfill prevention, corrosion protection, release detection, walkthrough inspections, compatibility, operator training, repairs, financial responsibility, release response, and closure. For more information, click [here](#).