



NEW Urea DEF Tank



Containment Solutions introduces the first underground Urea DEF storage tank in North America.

[Take a Look >](#)

Extensive Testing Supports CSI Technology.

Containment Solutions (CSI) is the first fiberglass tank manufacturer in North America to complete testing to verify that the quality of the Urea DEF, as measured by the specific contaminants identified in ISO22241, is not compromised by exposure to the materials used to fabricate our tanks. CSI underground fiberglass chemical tanks will provide satisfactory service for the storage of Urea DEF that meets the quality and storage requirements in the ISO standard and the PEI Recommended Practice.

[PRODUCT ANNOUNCEMENT / ENGINEERING REPORT](#)

Introduction to Urea Diesel Exhaust Fluid.

Urea DEF (Diesel Exhaust Fluid) is used to control diesel engine emissions in order to meet EPA emission standards. Most new diesel vehicles use SCR (Selective Catalytic Reduction) systems to inject Urea DEF directly into the exhaust stream to chemically neutralize about 90% of harmful NOx emissions. The purity of the Urea DEF (32.5% urea solution in demineralized / deionized or distilled water) is critical for the SCR process to work.

Increasing demand translates into increased storage needs.

As the number of SCR systems on the road increase to meet EPA standards, diesel dispensing facilities will require bulk storage to meet demand. CSI offers underground tank sizes up to 40,000 gallons to supply the increasing consumption well into the future.

[STANDARD TANK DESIGN](#)

