

UNC Spill Prevention Control and Countermeasure (SPCC) Plan Design Guidelines

Fuel and oil storage at UNC shall be conducted in accordance with the Spill Prevention Control and Countermeasure (SPCC) requirements of the Code of Federal Regulations, Title 40, Part 112 (40 CFR 112). Fuel and oil storage are also subject to the requirements of the UNC SPCC Plan.

All fuel and oil tanks, including day tanks, shall comply with the following:

- Tanks shall be double walled with at least 110% secondary containment of the primary tank volume.
- Tanks shall be equipped with a direct vision gauge that clearly indicates the liquid level within the primary tank.
- Tanks shall be equipped with overfill prevention equipment consisting of either a high liquid level alarm or high liquid level flow cutoff device set at 95% of the primary tank volume.
- Tank fill ports shall be lockable.
- Tanks shall be equipped with an automatic detection device to monitor the interstitial space between the primary and secondary tank walls.
- Any aboveground piping located in close proximity to a storm sewer inlet shall be double walled. Any below ground piping shall be double walled and will satisfy the North Carolina corrosion protection standards.
- Lighting in the vicinity of the tank and piping must be sufficient to discover discharges occurring during the hours of darkness and to prevent discharges from occurring through acts of vandalism.

Additional SPCC requirements are contained in 40 CFR 112 and the UNC SPCC Plan. The UNC Department of Environment, Health & Safety can be contacted for more information on the UNC SPCC Plan at 919-962-5507.