

Diesel storage tank in Facilities Compound 50/50

The diesel storage tank is a double walled CSA approved 500L capacity unit and must meet the Fire Code and NFPA regs as well as WSBC. A review was completed December 2, 2015.

Regulatory Requirement	Action	Completion
<p>Corrosion protection Fire Code 4.3.1.5: the exposed surface of every above ground storage tank for flammable or combustible liquids that is fabricated of any ferrous substance shall be thoroughly coated with a rust-resistant material Corrective Action: When the weather warms up in the spring the tank will be repainted.</p>	<p>The unit is coated with rust-resistant paint but some areas showed corrosion</p>	<p>Repaint when weather permits (before May 31, 2016)</p>
<p>Exemption for the tank set-back from property lines and buildings for all ClassII and ClassIIA fuels if <u>total storage</u> in the area is less than 2500L.</p>	<p>Total storage is approx. 600L</p>	<p>No Action Required</p>
<p>The minimum distance between a container of flammable or combustible liquid and liquid petroleum gas cylinder or tank shall be 6m. - Two small refueling cans are located near the tank: one contains only diesel however the other was a gas/diesel mix for the fire training course which is no longer offered</p>	<p>Container to be removed and properly disposed. Signage to be added.</p>	<p>FM to dispose and install signage</p>
<p>A Class II and Class IIA storage tank must have a fire extinguisher conforming with NFPA</p>	<p>KFD to determine appropriate F/E for diesel</p>	<p>FM to install ASAP once confirmed</p>
<p>Storage tanks where the clearance below the base of the tank exceeds 300mm must have tank supports with a minimum 2h fire resistance rating - Our tank does exceed the 300mm height restriction and the support structure does not have the 2hr rating. - The tank is full of diesel currently for the winter season. Current supports will be replaced with concrete-block and metal spill pan below prior to refueling</p>	<p>FSA's to coordinate once weight of tank permits.</p>	<p>Before May 31, 2016</p>
<p>The vent pipe shall be not less than 3.5m (2m for ClassII or Class IIA) above ground level and 1.5m from any building opening. - Current vent is located directly on top of the storage unit and must be replaced</p>	<p>New threaded sched-40 pipe and weather-proof vent cap to top of pipe to be installed</p>	<p>Before May 31, 2016</p>