



Clark County Fire Prevention

Mission Statement: "To provide the highest level of fire protection and related services"

TITLE: EXISTING FLAMMABLE/COMBUSTIBLE LIQUID UNDERGROUND STORAGE TANKS

SCOPE: Flammable/combustible liquid underground storage tanks shall be permitted in accordance with this guide and the 2005 Clark County Fire Code.

PURPOSE: To standardize fire department requirements relating to the permitting of flammable/combustible underground storage tanks.

SPECIFICATIONS AND REQUIREMENTS

At the time of permit application, three (3) sets of plans, drawn to an indicated scale, must be submitted for review and approval. Minimum permit and expedite fees (if required) must be paid at this time. The minimum permit fee for this submittal is \$75. However, permit fees for this type of submittal vary. Please see the **Clark County Fire Department Permit and Service Fee Schedule** for specific information. In addition, expedite fees (minimum fee of \$85) are also variable based on the complexity of the submittal. Again, please see the Clark County Fire Department Permit and Service Fee Schedule for exact details. When plans have been reviewed, you will be notified by this office. If approved, an inspection will need to be scheduled. To schedule an inspection, go to <http://www.accessclarkcounty.com/fire/firedept.htm>. Click on "Services" in the teal strip on the top. On the left side under **Inspection** click on "Fire Inspection" and follow the instructions to schedule a fire inspection.

Three submittal packages are required to be submitted to the CCFD Plans check Division. Submitted packages shall include the following:

PLANS

A dimensioned site plan, (drawn to an indicated scale) showing location of tanks, vents, property lines, buildings, dispensers/islands, canopies, and the emergency shut-off switch.

Size of tanks and product in tanks.

TECHNICAL DATA

Copies of manufacturer's literature for hoses, nozzles, leak detection devices, dispensers, valves & fittings.

INSPECTION OF SITE

Permit will be issued after inspection of site by CCFD Inspector. Inspection will include;

1. Verify site plan is accurate.
2. Visual inspection of dispensers and related equipment.
 - a. Hose and nozzles.
 - b. Shear joint, impact valve and fusible link
 - c. Inter-com.
 - d. Dispenser leak containment sump box/leak detection equipment.
 - e. Signage.
 - f. Dispenser protection (raised island or bollards.)
 - g. Attendant/cashier has clear vision of all dispenser islands.
3. Verify operation and distance to emergency shut-offs (both interior and exterior.)
4. Proper operation of telephone (without coin required) in case of emergency.
5. Visual inspection of vent pipes.
6. Verification of fire extinguisher placement and size (min. rating of 2-A,20-B:C).

*The issued permit is required to be renewed annually. Renewable permit fees are based on the number of installed flammable/combustible liquids dispensers. Please see the Clark County Fire Department Permit and Service Fee Schedule for exact amounts.