



Clark County Fire Prevention

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

105.8.m.3

TITLE: FLAMMABLE/COMBUSTIBLE LIQUID UNDERGROUND STORAGE TANKS/MOTOR VEHICLE DISPENSING STATIONS

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

PURPOSE: To standardize fire department requirements relating to the installation and 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. Permit fees for this type of submittal vary. The standard permit fee is due upon submittal. Please see the **Clark County Fire Department Permit and Service Fee Schedule** for specific information. A minimum of three sets of plans need to be submitted. Please check our website for plan status. Any additional fees will be indicated on the website. Once the plans have been approved and any outstanding fees have been paid, an inspection can be scheduled.

Our website is <http://www.accessclarkcounty.com/fire/firedept.htm> . To check on plan status, click on the "Plan Status" button and follow the instructions. To schedule an inspection, Click on "Services" in the teal strip on the top. On the left side under **Inspection** click on "Fire Inspection" and follow the instructions.

Submittal packages must contain the following:

PLANS

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

A plan view showing the exact location of all piping and vent lines.

A cross-section of tanks indicating back fill material, depth of cover, location of all connections to and from tank, and method of anchoring tank. Also include method for traffic protection (ie. concrete slab, asphalt, etc.).

A cross-section of dispensers indicating leak containment, island height and all impact valves.

A cross-section of the piping trench, detailing depth of bury, backfill and cover material, type and dimensions of product piping (include information on secondary containment).

Information on methods of overfill prevention, spill containers, leak detection and corrosion protection.

All installations that include dispensers will be required to obtain a renewable (annual) permit. The annual permit fee will be assessed based on the number of dispensers installed. See the Clark County Fire Department Permit and Services Fee Schedule for exact fee amounts.

TECHNICAL DATA

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

Buoyancy calculations, if tank is not otherwise anchored.