



# Clark County Fire Prevention

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

105.8.f.7

**TITLE: FLAMMABLE/COMBUSTIBLE LIQUID ABOVEGROUND STORAGE TANKS**

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

**PURPOSE:** To standardize fire department requirements relating to the installation and permitting of flammable/combustible aboveground storage tanks **including diesel generators.**

## SPECIFICATIONS AND REQUIREMENTS

At the time of permit application, three (3) sets of plans, drawn to an indicated scale and legible, 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.

### PLANS

Name, physical address, and Assessors Parcel Number (APN) of the project must be included on the plans. Plans shall also designate the authority having jurisdiction. Plans must be drawn to an indicated scale or be suitably dimensioned and legible.

Specify that tank is either **temporary (6 months or less)** or **permanent** and include UL number. **For permanent tanks dispensing fuels and permanently installed diesel generators, the tanks must be bullet resistant, UL # 2085 or equivalent. Temporary tanks do not require bullet resistance.**

Indicate quantities and types of liquids to be stored and method of fuel dispensing.

Provide site plan indicating location of tank in relation to structures, other tanks and fuel dispensers, to property lines. Also show emergency vehicle access, fire appliances and vehicle impact protection.

Identify method of protection for tank supports.

Identify method of overfill prevention, spill containment, vents and vapor recovery.

Identify type of secondary containment.

Identify type of piping.

Identify electrical systems.

Identify emergency controls.

### TECHNICAL DATA

Submit copies of manufacturer's literature for tanks, piping, dispensers, hoses, nozzles, leak detection devices, valves and fitting.