



# Clark County Fire Prevention

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

105.8.b.1

**TITLE:** STATIONARY LEAD-ACID BATTERY SYSTEMS

**SCOPE:** Buildings containing stationary lead-acid battery systems shall comply with Article 64 of the 2005 Clark County Fire Code.

**PURPOSE:** To provide standardized Clark County Fire Department requirements relating to storage of lead acid battery systems.

## SPECIFICATIONS AND REQUIREMENTS

At the time of permit application, three (3) sets of plans drawn to an indicated scale and specifications must be submitted for review and approval. Permit fees for this type of submittal may vary. The standard permit fee is due upon submittal. Please see the Clark County Fire department Permit and Service Fee Schedule. 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 web site 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 to schedule a fire inspection.

Plans shall designate the authority having jurisdiction and must also include the following:

1. Provide a floor plan of the building indicating the following information:
  - a. Location and type of separation of lead acid battery system in relation to other portions of the building.
  - b. Indicate type, size and location of spill control barrier.
  - c. Location of ventilation equipment
  - d. Indicate bracing of battery system for seismic protection in accordance with the building code.
  - e. Indicate signage placed on doors into rooms containing stationary lead-acid battery systems.
  - f. Indicate location of smoke detection system.
2. Provide a narrative of an approved method to neutralize spilled electrolyte. The method shall be capable of neutralizing a spill from the largest lead-acid battery to a pH between 7.0 to 9.0.