



# **FIRE DEPARTMENT**

## **FIRE PREVENTION BUREAU**

Derek L. Hughes, Fire Chief  
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**TITLE:**            **STATIONARY LEAD-ACID BATTERY SYSTEMS**

**SCOPE:**           Buildings containing stationary lead-acid battery systems shall comply with Article 64 of the Uniform Fire Code, 1997 Edition.

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

### **SPECIFICATIONS AND REQUIREMENTS**

At the time of permit application, two sets of plans (drawn to an indicated scale) and specifications must be submitted for review and approval. A permit fee will be collected with plans are submitted. Plans may be expedited for additional fee. Following approval of the plans, a copy of the permit, as well as the approved plans shall be maintained on the premises in an approved location. 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
  
3. Once permit has been approved, to validate permit call                      and schedule a fire inspector to verify installation of lead-acid battery system and sign permit.