



Clark County Fire Prevention

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

105.8.h.2

TITLE: HIGH-PILED COMBUSTIBLE STORAGE

SCOPE: Buildings containing high-piled combustible storage shall comply with Article 81 of 2005 Clark County Fire Code.

PURPOSE: To provide standardized Clark County Fire Department permit requirements relating to high-piled combustible storage.

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

Following approval of the plans, a copy of the approved plans shall be maintained on the premises in an approved location. Plans shall also designate the authority having jurisdiction. The plans must include the following:

1. Building Name, Address, Assessors Parcel Number (APN), Square footage of the building, and include fire hose locations.
2. Floor plan of the building showing locations and dimensions of high-piled storage areas.
3. Useable/proposed storage height for each storage area.
4. Number of tiers within each rack, if applicable.
5. Indicate if commodity is to be stored on pallets, solid shelves, slatted shelves or metal grating.
6. Section view for all types of racks.
7. Aisle dimensions between each storage array.
8. Maximum pile volume for each storage array.
9. Location and classification of commodities in accordance with Section 8101.4 of the 2005 CC Fire Code.
10. Location of commodities that are banded or encapsulated.
11. Location of required fire department access doors.
12. Type of fire-suppression (fire sprinklers and fire hose stations) and fire-detection system.
13. Type, location and specifications of smoke-removal.
14. Dimension and location of transverse and longitudinal flue spaces.
15. Fire sprinkler design criteria including system density and remote area square footage.

***Special note:** The installation of smoke and heat vents impacts the buildings roof deck structure. It is imperative that Clark County Building Department review and approve plans for all smoke and heat vent installations.