

Permit Requirements High-Piled Combustible Storage

Kern County Fire Department

Office of the Fire Marshal ~ Fire Prevention

2820 M St. ~ Bakersfield, CA 93301

Telephone (661) 391-3310 ~ Fax (661) 636-0466/67

Website: kerncountyfire.org

Email: fireprevention@kerncountyfire.org



Please include completed **Application for Permit (KCFD 200)** with submittal. This is a use permit and shall be renewed annually. Permit fees and an application shall be submitted annually.

Fee Amount: \$290.00

Fee Code: 2.4

The intent of this document is to aid in the construction permitting process including Change of Use/Occupancy for a high-piled combustible storage permit within commercial buildings or tenant spaces regarding what should be submitted for the Fire Marshal's Office review. Because every building differs, this guideline is not intended to identify each code requirement applicable; therefore the applicant must follow **California Fire Code Chapter 32 sections 3201-3210**. Other Fire Department operational permits may be required.

1. Application for Permit and scaled site plans shall be submitted to Kern County Fire Prevention at 2820 M St., Bakersfield, CA 93301. **Submit two (2) copies of site plan, mechanical drawings only.**
2. California Fire Code Chapter 32 section 3201 requires that High-piled combustible storage **Shall** be in accordance with this chapter. In addition to the requirements of this chapter, the following material-specific requirements **Shall** apply:
 - a. Aerosols **Shall** be in accordance with CFC Ch. 51
 - b. Flammable and combustible liquids **Shall** be in accordance with CFC Ch. 57
 - c. Hazardous Materials **Shall** be in accordance with CFC Ch 50
 - d. Storage of combustible paper records **Shall** be in accordance with NFPA 13
 - e. Storage of combustible fibers **Shall** be in accordance with CFC CH 37
 - f. General storage of combustible material **Shall** be in accordance with CFC Ch 3
3. Construction Documents per CFC 3201.3 **Shall** include:
 - a) Floor plan of the building showing locations and dimensions of high-piled storage areas.
 - b) Usable storage height for each storage area.
 - c) Number of tiers within each rack, if applicable.
 - d) Commodity clearance between top of storage & the sprinkler deflector for each storage arrangement.
 - e) Aisle dimensions between each storage array.
 - f) Maximum pile volume for each storage array.
 - g) Location and classification of commodities in accordance with California Fire Code (CFC) Chapter 32, Section 3203.
 - h) Location of commodities that are banded or encapsulated.
 - i) Location of required fire department access doors.
 - j) Type of fire suppression and fire detection systems.
 - k) Location of valves controlling the water supply of ceiling and in-rack sprinklers.
 - l) Type, location and specifications of smoke removal and curtain board systems.

- m) Dimension and location of transverse and longitudinal flue spaces.
 - n) Additional information regarding required design features, commodities, storage arrangement and fire protection features within the high-piled storage area shall be provided at the time of permit, where required by the fire code official.
3. A fire safety and evacuation plan shall be submitted at the time of permit application.
 4. Fire protection and life safety features for high-piled storage areas shall be in accordance the **Chapter 32 of the CFC, Sections 3206.2 through 3206.11**.

 5. Where required by **CFC table 3206.2**, fire detection systems, smoke and heat removal and automatic sprinkler design densities shall be provided to protect the high-piled storage area.

All provisions of the 2019 California Fire Code Chapter 32 and Kern County Ordinance (#8868)

Additional Requirements: _____

Mailing Address:

Kern County Fire Department
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Bakersfield, CA 93301