

CITY OF RIVERSIDE FIRE DEPARTMENT

3900 Main Street 3rd Floor Riverside, CA 92522 (951) 826-5737 Fax: (951) 826-2539



High Piled Storage Permit Application

Company name:	Existing Sprinkler Design Density:		
	Sprinkler Head Temp.(s):		
Company Address: Number Street Apt/Suite	Year Building was Built:		
	Max. Ceiling Height:		
	In-Rack Fire Sprinklers Installed: <input type="checkbox"/> Yes <input type="checkbox"/> No		
	Smoke & Heat Vents Installed: <input type="checkbox"/> Yes <input type="checkbox"/> No		
Phone Number(s):	Hose Cab. Installed: <input type="checkbox"/> Yes <input type="checkbox"/> No		
	Curtain Boards Installed: <input type="checkbox"/> Yes <input type="checkbox"/> No		
	Total Square Footage of High Piled Storage Including Aisles Between Racks and Piles:		

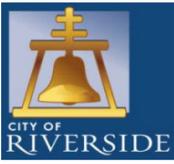
Owner or Occupant: (Printed Name) _____ **Signature:** _____ **Date:** _____

List all materials (to include Packing material and Containers) stored over 12 feet in height. List all products containing plastics, any rubber tires, flammable/combustible liquids, idle pallets and similar commodities where the top of storage is greater than 6 feet in height.

INVENTORY													
Products	Solid Shelving		Encapsulated		Pallets		Max. Storage Height	Floor Storage		Rack Storage		Packaging: Foam, Cartons, Bags, Etc.	Aisle Width
	Y	N	Y	N	Wood	Plastic		Y	N	Y	N		
	Y	N	Y	N				Y	N	Y	N		
	Y	N	Y	N				Y	N	Y	N		
	Y	N	Y	N				Y	N	Y	N		
	Y	N	Y	N				Y	N	Y	N		
	Y	N	Y	N				Y	N	Y	N		
	Y	N	Y	N				Y	N	Y	N		
	Y	N	Y	N				Y	N	Y	N		

This information is submitted for determination of the type of fire protection and building components that might be required. Any deviations may require additional protection. Information below is determined by the information provided by the applicant.

Fire Department Use only:			
Commodity Classification:	In Racks Required:	Fig:	Curves:
Spr Density Required:	Sprinkler Temp Required:	Apply Fig. 16.2.3.4.1	Hose:
Venting Required:	Vent Spacing:	ESFR Design:	Longitudinal:
Reviewed by: _____ Date: _____	Approved for Permit:	Signage Required:	Transverse:
PERMIT # _____	Yes ___ No ___ (See back)		



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City of Riverside Fire Department High Piled Storage Application

The 2013 California Fire Code, Chapter 32 requires that any high-piled storage in an area within a building which is designated, intended, proposed or actually used for high piled combustible storage shall obtain a permit.

A Building and Safety permit may be required for your racks, shelving etc. Contact the City of Riverside Building and Safety Department at (951) 826-5697.

At the time of permit application, plans and specifications including the information below shall be submitted for review and approval. Following approval of the plans, a copy of the approved plans shall be maintained on the premises in an approved location. The underlined words are definitions that will help you with the application. The plans shall include the following:

- Floor plan of the building showing locations and dimensions of high-piled storage areas.
- Useable storage height for each storage area and the maximum ceiling height.
- Number of tiers within each rack, if applicable.
- Commodity clearance between top of storage and the sprinkler deflector for each storage arrangement.
- Aisle dimensions between each storage array.
- Maximum pile volume (cubic feet) for each storage array.
- Show the locations of where specific products will be stored.
- Indicate if any of the products will be non-encapsulated or encapsulated. Encapsulated is a method of packaging consisting of a plastic sheet completely enclosing the sides and top of a pallet load. The term encapsulated does not apply to banding or individual plastic-enclosed items inside a large non-plastic-enclosed container.
- Location of required fire department access doors.
- Type of fire suppression system and fire detection systems.
 - Wet fire sprinkler system
 - Sprinkler design density (located on the fire sprinkler riser)
 - Fire sprinkler temperature for each type (in the spare head box next to the fire sprinkler riser)
 - In-rack fire sprinklers and how many levels
- Hose cabinet locations
- Smoke detectors and/or heat detectors
- Type, location and specifications of smoke removal. Must include details of the smoke and heat vents.
- Dimensions and locations of transverse and longitudinal flue spaces. Transverse flue space is the space between rows of storage parallel to the direction of loading. Longitudinal flue space is the space between rows of storage perpendicular to the direction of loading.
- Curtain board locations and the depth. Curtain board is a structure arranged to limit the spread of smoke and heat along the ceiling. Curtain boards are sometimes referred to as draft stops.
- High piled storage area shall be provided with storage height signs see signage construction and design requirements.