



## HIGH-PILED COMBUSTIBLE STORAGE

**Listed below are the basic information requirements to complete a plan review.**  
*Although there maybe additional information needed for your project, not all items on this check list may pertain to your project.*

1. Submit application form. A copy of application form can be found at [www.stanoes.com/forms](http://www.stanoes.com/forms)
2. Submit pdf application form, plans and material data sheets to: [fireprevention@stanoes.com](mailto:fireprevention@stanoes.com) or [fireprevention@stancounty.com](mailto:fireprevention@stancounty.com)
3. Indicate the project name, full street address, Assessor's Parcel Number (APN), tract number, and associated building permit number. Show north pointing arrow.
4. Provide contractor's name, address, phone number, type of license, license number, and date of expiration. All plans must be "wet" signed.
5. Provide current California Building Code, California Fire Code, and NFPA references.
6. Provide a site plan showing fire access lanes, fire hydrants, fire sprinkler riser(s), and FDC's. Show property lines, nearby buildings, adjoining suites, driveways, and streets.
7. Describe the scope of work. Cloud or isolate project areas.
8. Specify the occupancy group as shown in the current California Building Code Chapter 3.
9. Provide a floor plan of the building showing locations and dimensions of high-piled storage areas.
10. State usable storage height for each storage area. (This is height to the top of commodities being stored not height to the highest shelf.)
11. Show number of tiers within each rack, if applicable. Provide elevation views of the racks.
12. Describe type of shelving (solid, slatted, wire mesh, etc).
13. Indicate commodity clearance between top of storage and the sprinkler deflector for each storage arrangement (the vertical distance between the horizontal plain defined by the top of storage and the horizontal plain defined by the sprinkler deflector).
14. Show aisle dimensions between each storage array.
15. State maximum pile volume for each storage array.
16. Show location and classification of commodities in accordance with the current CA Fire Code.
17. Provide a detailed description of the products to be stored and a description of all containers, pallets, and packing material. If requested, include Hazard Communication Standard list (HCS) for products to be stored.
18. Show location of commodities which are banded or encapsulated.
19. Show location of required fire department access doors.
20. Describe type of fire suppression and fire detection systems. Separate submittal.
21. Specify the fire sprinkler design density as indicated in the current NFPA 13.
22. Show location of valves controlling the water supply of ceiling and in-rack sprinklers.
23. Describe type, location and specifications of smoke removal and curtain board systems.
24. Show dimension and location of transverse and longitudinal flue spaces.
25. 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, when required by the fire code official.

Direct technical questions to a plan checker at (209) 552-3700.

**Providing the above-listed information does not guarantee plan approval**



## STORAGE QUESTIONNAIRE

Date:

Project:

Project Location (complete address):

The purpose of this questionnaire is to assist in determining the fire code requirements for storage of "high piled combustible stock" at a facility. Please fill out as much of the information as possible. More than one box or blank may be marked. Project shall meet California Fire Code, California Building Code and NFPA references.

Business Name:

Business Address:

Contact Person:

Phone number:

1. Insurance Company:

2. Method of Storage? Check all that apply:

Pallets only (no racks)      Single Row Racks      Double Row Racks      Drive through Racks  
Multiple-Row Racks (Rack depth deeper than 12 ft.)      Pallet flow Racks

3. Maximum storage height in feet:

4. Building height in feet:

5. Aisle width between racks and storage in feet:

Flue space width in inches:

6. How will products be stored? Check all that apply:

Without solid shelves      Solid shelves      Wooden Pallets      Plastic Pallets  
Non-Encapsulated (stretch wrap on sides only)      Plastic tubs      Plastic boxes  
Corrugated cardboard boxes      Encapsulated (plastic on top and 4 sides)  
Other (please specify)

7. Total Area of Rack Storage in square feet:

8. Describe commodities & packaging being stored (metal products, glass, food, liquor, wood, paper, etc.)

9. Form Completed by:

Company:

Address:

Phone:

Cell:

Email: