



# South San Joaquin County Fire Authority

## Community Risk Reduction Division

835 N Central Avenue Tracy, CA 95655 Phone: (209) 831-6700 Fax: (209) 831-6703

# HIGH-PILED COMBUSTIBLE STORAGE PERMIT APPLICATION

Required for storage of combustible materials on interior racking greater than 12'-0" high OR for high hazard commodity storage greater than 6'-0" high

*All applicable codes, including: NFPA 13 & 72, 2022 CFC & 2022 CBC with Tracy Municipal Code*

**Please Note:** For permit submission a completed application shall be provided. Permit may be issued upon approval of application and plan review. Plan review shall be approved in order to obtain a Certificate of Occupancy.

### Part A: Fire Requirements

- Exiting Plan – showing racking layout exit paths with occupancy load (#) to each exit Lighting Plan - including emergency lighting
- Structural Racking Details - including seismic anchoring and bracing
- All documents and drawings signed/stamped by a CA Licensed Design Professional approved by SSJC

Parcel Number:

Site Address:

## BUSINESS INFORMATION

Property Owner Name:

Address:

City:

State:

Zip:

Phone:

Fax:

Email:

## TENANT INFORMATION

Tenant Name:

Address:

City:

State:

Zip:

Phone:

Fax:

Email:

Business Description:

## CONTRACTOR INFORMATION

Contractor: Business License: California License:  
License Classification: Dollar Limit: Contact Person:  
Address: City: State: Zip:  
Phone: Fax: Email:

## DESIGN PROFESSIONAL

Architect's Name: Phone: Email:  
Engineer's Name: Phone: Email:

## PROJECT INFORMATION

Contract Price \$

Use and Occupancy Classification: Type of Construction: Sq ft:  
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Fire Sprinkler System  
Fire Alarm  
Septic System  
Grease or Sand/Oil Interceptor

## BUILDING CODE INFORMATION

Building Height: No. of Stories: No. of Units:  
Edition of Code: Building Code Used:

## APPLICANT SUBMITTING FORM

Name:

Address:

City:

State:

Zip:

Contact Person:

Phone:

Applicant (print):

Signature:

Date:

## BILLING INFORMATION

**\*PARTY RESPONSIBLE FOR PAYMENT OF ALL FIRE AUTHORITY SERVICES ASSOCIATED WITH THIS PLAN SUBMITTAL \*  
SAME AS APPLICANT**

Name:

Address:

City:

State:

Zip:

Contact Person:

Phone:

## STORAGE LOCATION

*Where is the proposed high-piled combustible storage facility located?*

Location Name:

Address:

City:

State:

Zip:

Contact Person:

Phone:

**\*\*\* THE ABOVE INFORMATION MUST BE COMPLETELY FILLED OUT OR PLANS WILL NOT BE PROCESSED \*\*\***

## ARCHITECT, ENGINEER, PLAN DESIGNER

*Who should we contact for technical questions about this plan submittal?*

Contact Person:

Phone:

Company/Firm Name:

Email:

Alternate Phone:

## STORAGE AREA IDENTIFICATION

- (1) What area(s) of the storage location will be used for high-piled combustible storage?
- A. Are there multiple storage areas separated by a 1-hour fire protection rating?  
If YES, items 1-7 shall be prepared for each "separated" high-piled storage area associated with the project.
  - B. Description or name of high-pile storage area:
  - C. Aggregate Area:
  - D. Ceiling Height:
  - E. Is the high-piled storage area accessible to the public?  
If YES, a separate evacuation plan required by CFC 3201.4 shall be prepared and submitted with this plan.

## COMMODITY CLASSIFICATION

- (2) Describe Materials in Storage; Declare Commodity Classification; Specify Limitations
- A. Description of combustible materials stored:
  - B. Commodity classification(s) per CFC 3203 (i.e., Class I - IV, High-Hazard):
  - C. Use of flame-retarding modifiers to change the commodity classification:
  - D. Does the physical form of the material change the commodity classification?  
If yes to C or D, provide documentation validating related changes in commodity classification.
  - E. Specify commodity class limitations in accordance with CHP 32 (*Check One*)  
Commodity class shall not exceed the class specified above in item **B**  
Commodity class may exceed the class specified above in item **B** where items all the following apply:
    - 1) Engineering analysis demonstrates the higher hazard commodity is adequately protected by an automatic sprinkler system. (CFC 3204.2)
    - 2) The area occupied by the higher hazard commodity shall not exceed 120 square feet. (CFC 3204.2)
    - 3) Additional areas of the higher hazard commodity storage shall be separated by 25 feet. (CFC 3204.2)Higher Hazard Commodity Allowed:
  - G. Amount of Group A plastics are classified as high-hazard commodity?

## HAZARDOUS MATERIALS

**(3) Are hazardous materials part of the proposed high-piled combustible storage plan?**

- A. Identify if the following hazardous materials are part of the proposed high-piled storage plan. Refer to the CFC chapter indicated for material-specific storage limitations and/or requirements.

Hazardous Materials (*CFC Chapter 50*)

Flammable/Combustible Liquids (*CFC Chapter 57*)

Aerosols (*CFC Chapter 51*)

Combustible Fibers (*CFC Chapter 37*)

- B. Other Hazardous Materials:
- C. SDS for Hazardous Materials Stored Included with Plan Submittal?

## FIRE PROTECTION / LIFE SAFETY REQUIREMENTS

**(4) What fire protection and life safety features required by CFC 3206.2 are provided?**

- A. Automatic Fire-Extinguishing System Provided:
- B. Fire Detection System Provided:
- C. Fire Department Access Doors Provided:
- D. Smoke and Heat Removal Provided:
- E. Draft Curtains Provided:
- F. Number and Rating of Fire Extinguishers Provided:
- G. Provide additional information if a footnote in CFC Table 3206.2 applies.
- Footnote Letter(s):
- Footnote Letter(s):
- Footnote Letter(s):

## FIRE SPRINKLER SYSTEM

**(5) Tell us the general details about the fire sprinkler protection provided.**

- A. Fire Sprinkler System Provided
- B. Type of System
- C. Sprinkler System Design Density and Area:
- D. In-Rack Sprinklers Provided
- E. ESFR Sprinkler Heads Provided
- F. Sprinkler K-Factor:
- G. Sprinkler Head Temperature:
- H. Sprinkler Spacing in Square Footage:

**NOTICE:** Detailed information requested in items 6 and 7 listed below shall be provided for each separate high-piled combustible storage arrangement or configuration where storage methods or storage design specifications are different. For example, if solid-pile storage, rack storage, and bin box storage is to be located in the same high-piled storage area, a separate copy of this page will be required for each. In addition, each separate arrangement or configuration shall be shown in the plan.

**STORAGE ARRANGEMENT / CONFIGURATION**

**(6) Specify applicable storage arrangements, rack configurations, pallet materials/types.**

A. High-Piled Storage Arrangement(s):

- |                              |                              |              |                   |
|------------------------------|------------------------------|--------------|-------------------|
| Solid-Piled                  | Shelf Storage                | Rack Storage | Automated Storage |
| Bin Boxes (less than 5 feet) | Bin Boxes (exceeding 5 feet) |              | Records Storage   |

B. Shelf Information:

- |                               |                                  |
|-------------------------------|----------------------------------|
| Depth of the shelves(inches): | Height between shelves (inches): |
|-------------------------------|----------------------------------|

C. Rack Configuration:

- |            |            |         |              |
|------------|------------|---------|--------------|
| Single Row | Double Row | Movable | Multiple Row |
| Other      |            |         |              |

D. Pallet Storage Information: (Select all that apply)

- |        |              |              |                  |
|--------|--------------|--------------|------------------|
| Wood   | Conventional | Plastic      | Plastic, UL 2335 |
| Banded | Unbanded     | Encapsulated | Nonencapsulated  |
| Other  |              |              |                  |

E. Solid Pile Information:

- |        |         |       |        |
|--------|---------|-------|--------|
| Pallet | Dunnage | Skids | Other: |
|--------|---------|-------|--------|

F. Maximum Pile Dimension:

G. Maximum Pile Height:

H. Maximum Pile Volume (cubic feet):

Additional Information:

**AISLE WIDTH / STORAGE-RELATED DIMENSIONS**

**(7) Specify applicable aisle widths, flue spaces, and maximum storage heights/clearances.**

- A. Minimum Required Aisle Width:
- B. Transverse Flue Space:
- C. Longitudinal Flue Space:
- D. Maximum Storage Height:
- E. Clearance from Top of Storage to Sprinkler Head Deflector: