



**Stockton Fire Department • Fire Prevention Division**  
345 N. El Dorado Street, Stockton, CA 95202  
(209) 937-8271 • Fax (209) 937-8893



## HIGH-PILED COMBUSTIBLE STOCK PACKET

**HIGH-PILED COMBUSTIBLE STORAGE** is storage of combustible materials in closely packed piles or combustible materials on pallets, in racks, or on shelves where the top of storage is greater than 12 feet (3658 mm) in height. When required by the Fire Marshal, high piled combustible storage also includes certain high-hazard commodities, such as rubber tires, Group A plastics, flammable liquids, idle pallets and similar commodities, where the top of storage is greater than 6 feet (1829 mm) in height.

This packet includes all the information you must complete in order to obtain a High-piled Stock permit and/or have your rack plans accepted for review by the Building and Fire Department.

This questionnaire must be completed in its entirety and the information requested below must be included in the submittal or it will be returned to the applicant, which may delay the final approval of your plans.

1. Complete Fire Department Plan Check Permit Application.
2. One (1) set of scaled floor plans with reflected ceiling plans (**Note:** In addition to the plans supplied to the Building Department) showing the following:
3. The Stockton Fire Department requires an Annual Fire Permit for high-piled storage exceeding 2,500-12,000 square feet or 12,001-more square feet. A separate fire permit application and fee is required for the permit.

<input type="checkbox"/> Area dimension of building	<input type="checkbox"/> Elevations of racks
<input type="checkbox"/> Area dimension of high-piled stock	<input type="checkbox"/> Small fire hose connections
<input type="checkbox"/> Location of draft curtains	<input type="checkbox"/> Access roads
<input type="checkbox"/> Location of roof vents	<input type="checkbox"/> Access doors
<input type="checkbox"/> Aisleways	<input type="checkbox"/> Fire alarm pull stations
<input type="checkbox"/> Floor storage arrangement	<input type="checkbox"/> Rack storage arrangement
4. Fill out High-piled Stock questionnaire and Attachment A for plastic storage (if applicable)
5. Submit completed package to the Building Department for review and approval.



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**Business Name:** \_\_\_\_\_

**Business Address:** \_\_\_\_\_

**Commodity Class:** \_\_\_\_\_ **Source:** CFC  NFPA

**Description of storage:** \_\_\_\_\_

**Maximum height of storage:** \_\_\_\_\_ ft.

<p><b>Method of storage is:</b> (check all that apply)</p> <p><input type="checkbox"/> Encapsulated in plastic</p> <p><input type="checkbox"/> Non-encapsulated</p> <p><input type="checkbox"/> Wooden pallets</p> <p><input type="checkbox"/> Plastic pallets</p>	<p><b>Type of storage is:</b> (check all that apply)</p> <p><input type="checkbox"/> On racks with solid shelves      <input type="checkbox"/> Bin box storage</p> <p><input type="checkbox"/> On racks without solid shelves      <input type="checkbox"/> Shelf storage</p> <p><input type="checkbox"/> Solid pile on pallets      <input type="checkbox"/> Vault Storage</p>
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**Type of Racks:**  Single row       Double row       Multiple row

**Area of storage:**       0 - 500 sq. ft.       501 - 2,500 sq. ft.       2,501 - 11,999 sq. ft.  
 12,000 - 20,000 sq. ft.       20,001 - 300,000 sq. ft.

**Building sprinklered:**  YES  NO

Sprinkler density: \_\_\_\_\_ Temperature of sprinkler head in: Ceiling: \_\_\_\_\_ Racks: \_\_\_\_\_

Rack sprinklers:  YES  NO Fire Hose racks:  YES  NO Steel beam protection:  YES  NO

Building height: \_\_\_\_\_ ft.

Distance from top of storage to fire sprinkler deflector: \_\_\_\_\_ ft.

Smoke vents:  YES  NO \_\_\_\_\_ : \_\_\_\_\_ Square feet ratio

Draft Curtains:  YES  NO \_\_\_\_\_ Square feet ratio

Aisle width between racks and storage: \_\_\_\_\_ ft.

Fire alarm system:  YES  NO Smoke detection system:  YES  NO Manuel pull station:  YES  NO

Maximum volume in cubic feet per pile (floor storage only):  50,000 cu. ft.       100,000 cu. ft.  
 200,000 cu. ft.       400,000 cu. ft.

Access roadways within 150 feet of all portions of exterior walls:  YES  NO

Access doors provided every 100-lin. ft. on exterior walls, which face access roadways:  YES  NO

**Signature:** \_\_\_\_\_

**Print Name:** \_\_\_\_\_

**Telephone Number:** \_\_\_\_\_

**Cell Phone Number:** \_\_\_\_\_

**Date Submitted:** \_\_\_\_\_

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## ATTACHMENT A - PLASTICS

1. Group type of plastics? (see list below):     **A**     **B**     **C**
  
2. Percentage of plastic in storage? \_\_\_\_\_%
  
3. If group type is "A", check each item below that applies to your commodity.  
 Is the plastic:     Expanded     Non-expanded     Free flowing Class IV  
  
 If expanded, how is the plastic packaged? (NFPA 13):  Exposed     Cartoned  
 If expanded, how is the plastic piled? (NFPA 13):  Stable     Unstable  
  
 If non-expanded, how is the plastic piled?  Stable     Unstable  
 If non-expanded and stable, how is the plastic packaged?     Solid unit load     Cartoned     Exposed

Group A	Group B (Class IV)	Group C (Class III)
ABS (Acrylonitrile - Butadiene - Styrene Copolymer) Acrylic (Polymethyl Methacrylate) Acetal (Polyformaldehyde) Butyl rubber EPDM (Ethylene - Propylene Rubber) FRP (Fiberglass Reinforced Polyester) Natural Rubber (if expanded) Nitrile Rubber (Acrylonitrile - Butadiene Rubber) PET (Thermoplastic Polyester) Polybutadiene Polycarbonate Polyester Elastomer Polyethylene Polypropylene Polystyrene Polyurethane PVC (Polyvinyl Chloride - highly plasticized, e.g., coated fabric, unsupported film) SAN (Styrene Acrylonitrile) SBR (Styrene - Butadiene Rubber)	Cellulosics (Cellulose Acetate, Cellulose Acetate Butyrate, Ethyl Cellulose) Chloroprene Rubber Fluoroplastics (ECTFE - Ethylene - Chlorotrifluoroethylene copolymer; ETFE - Ethylene-Tetrafluoroethylene Copolymer; FEP - Fluorinated Ethylene - Propylene Copolymer) Natural Rubber (not expanded) Nylon (Nylon 6, Nylon 6/6) Silicone Rubber	Fluoroplastics (PCTFE - Polychlorotrifluoroethylene; PTFE - Polytetrafluoroethylene) Melamine (Melamine Formaldehyde) Phenolic PVC (Polyvinyl Chloride - rigid or lightly plasticized, e.g., pipe, pipe fittings) PVDC (Polyvinylidene Chloride) PVF (Polyvinyl fluoride) PVDF (Polyvinylidene Fluoride) Urea (Urea Formaldehyde)