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.

- ☐ Area dimension of building
- ☐ Area dimension of high-piled stock
- ☐ Location of draft curtains
- ☐ Location of roof vents
- ☐ Aisleways
- ☐ Floor storage arrangement
- ☐ Elevations of racks
- ☐ Small fire hose connections
- ☐ Access roads
- ☐ Access doors
- ☐ Fire alarm pull stations
- ☐ 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.

Method of storage is: (check all that apply)	**Type of storage is:** (check all that apply)
☐ Encapsulated in plastic	☐ On racks with solid shelves ☐ Bin box storage
☐ Non-encapsulated	☐ On racks without solid shelves ☐ Shelf storage
☐ Wooden pallets	☐ Solid pile on pallets ☐ Vault Storage
☐ Plastic pallets	

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: ☐Explanded ☐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	Cellulosics (Cellulose Acetate, Cellulose Acetate Butyrate, Ethyl Cellulose)	Fluoroplastics (PCTFE - Polychlor-trifluoroethylene; PTFE - Poly-tetrafluorethylene)
Acrylic (Polymethyl Methacrylate)	Chloroprene Rubber	Melamine (Melamine Formaldehyde)
Acetal (Polyformaldahyde)	Fluoroplastics (ECTFE - Ethylene - Chlorotrifluoroethylene copolymer; ETFE - Ethylene-Tetrafluorethylene Copolymer; FEP - Fluorinated Ethylene - Propylene Coplymer)	Phenolic
Butyl rubber	Natural Rubber (not expanded)	PVC (Polyvinyl Chloride - rigid or lightly plasticized, e.g., pipe, pipe fittings)
EPDM (Ethylene - Propylene Rubber)	Nylon (Nylon 6, Nylon 6/6)	PVDC (Polyvinylidene Chloride)
FRP (Fiberglass Reinforced Polyester)	Silicone Rubber	PVF (Polyvinyl fluoride)
Natural Rubber (if expanded)		PVDF (Polyvinylidene Fluoride)
Nitrile Rubber (Acrylonitrile - Butadiene Rubber)		Urea (Urea Formaldehyde)
PET (Thermoplastic Polyester)		
Polybutadiene		
Polycarbonate		
Polyester Elastomer		
Polyethylene		
Polypropylene		
Polystyrene		
Polyurethane		
PVC (Polyvinyl Cloride - highly plasticized, e.g., coated fabric, unsupported film		
SAN (Styrene Acrylonitrile)		
SBR (Styrene - Butadiene Rubber)		