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
   - [ ] Elevation of racks
   - [ ] Area dimension of high-piled stock
   - [ ] Small fire hose connections
   - [ ] Location of draft curtains
   - [ ] Access roads
   - [ ] Location of roof vents
   - [ ] Access doors
   - [ ] Aisleways
   - [ ] Fire alarm pull stations
   - [ ] Floor storage arrangement
   - [ ] 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.
Business Name: 

Business Address: 

Commodity Class: 

Source: CFC ☐ NFPA ☐ 

Description of storage: 

Maximum height of storage: ___________ ft. 

<table>
<thead>
<tr>
<th>Method of storage is: (check all that apply)</th>
<th>Type of storage is: (check all that apply)</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Encapsulated in plastic</td>
<td>☐ On racks with solid shelves</td>
</tr>
<tr>
<td>☐ Non-encapsulated</td>
<td>☐ Bin box storage</td>
</tr>
<tr>
<td>☐ Wooden pallets</td>
<td>☐ On racks without solid shelves</td>
</tr>
<tr>
<td>☐ Plastic pallets</td>
<td>☐ Shelf storage</td>
</tr>
</tbody>
</table>

Method of storage is: (check all that apply) 
☐ Encapsulated in plastic 
☐ Non-encapsulated 
☐ Wooden pallets 
☐ Plastic pallets

Type of storage is: (check all that apply) 
☐ On racks with solid shelves 
☐ Bin box storage 
☐ On racks without solid shelves 
☐ Shelf storage 
☐ Solid pile on pallets 
☐ Vault Storage

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: ___________ Fire Hose racks: ☐ YES ☐ NO Steel beam protection: ☐ YES ☐ NO

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: ____________________
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

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