

# HIGH-PILED AND RACK STORAGE INSPECTION GUIDELINES



## GENERAL INFORMATION

Classify the commodities and materials that will be stored. An accurate classification is essential to determine the appropriate sprinkler system design requirements and to avoid other expensive fire protection upgrades caused by inaccurate commodity classification.

Submit a complete storage plan including: floor plan, a commodities list, storage arrangement, quantities and heights of storage.

Submit a list of special operations such as welding, cutting or other hot work, battery charging stations, application of combustible or flammable finishes, dip tank operations and gas storage and use. Provide floor plans indicating locations and specifications of equipment such as: spray booths, conveyor systems, dust collectors, parts cleaning and other industrial operations. Specify idle pallet and trash storage.

Plans must be submitted for rack systems, conveyor systems and any modifications of the fire protection system of the building.

Rack systems, conveyor systems, spray booths, other industrial applications and modifications of the fire protection systems or the building will require inspections. Provide job cards of inspection approvals of all required modifications made prior to building occupancy final inspection.

Some concrete anchors, specified by the manufacturer will require a Certified Special Inspector to witness the installation and we will require a report.

All work must be done as per approved plans. Deviation from the approved plans or changes in materials may require revisions or as-builts submitted and approved prior to final inspection.

Provide maintenance and inspection reports to pre-existing fire protection systems.

*A Knox Box to store keys, SDS and other emergency information may be required by your CONDITIONS of APPROVAL.* Knox Box ordering is available on-line at [KNOXBOX.COM](http://KNOXBOX.COM).

All required signage, including 704 placards, shall be posted. Fire extinguishers visible and accessible.

## CHECKLIST

- Approved plans and job card
- Gas and electric service to appliances
- Access to entire system, including above hood and fire rated shaft enclosure inspection
- Exhaust and make-up air function
- Connection to building Fire Alarm Systems (if required)



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