

COMMERCIAL STORAGE RACKS

What are you applying for--indicate on your permit application

- Existing Racks (Prior to Permit)
- Installation of Storage Racks

New Installation

The permit application requires:

- Construction Application Folder
- Building Subcode Technical Section
- Fire Subcode Technical Section
- 2 copies of the specs--showing the anchoring details
- 2 copies of signed and sealed Engineered or Architectural plans

Building looks at the egress and the anchoring (attachment details).

The plans should include at (a minimum) all exits, location of the racks (any hanging from the ceiling?) and the answers to the questions below.

Fire looks at the commodity stored on the racks and the fire suppression system. Can the existing fire suppression system handle the stored commodity?

- What is being stored?
- How will it be stored?
- How high will it be stored?
- How tall is the ceiling/roof?
- Is there an existing Fire Suppression System in place?
- What is the Suppression System designed for?

When installing racks within a fully sprinklered building, the commodity stored determines the height of the rack versus the capacity of the existing sprinkler system

Existing Racks (Prior to Permit)

If there is a data plate on the riser, then you will not need architectural plans. The data plate should contain the information needed to do a plan review.

The permit application requires:

- Construction Application Folder
- Building Subcode Technical Section
- Fire Subcode Technical Section
- 2 copies of a floor plan showing all the racks, measurements and anchoring details
- 2 copies of the data plate
- 2 copies of the specs on the racks

For more information see--IFC, NFPA-13, Chapter 12, 16