

CITY OF MILPITAS

Building & Safety Department
455 E. Calaveras Blvd.
Milpitas, CA 95035
408-586-3240
www.ci.milpitas.ca.gov



STORAGE RACKS, PARTITIONS, CABINETS AND FIXTURE INSTALLATIONS

1. PERMIT INFORMATION:

- A permit is required for the following non-structural components which need to be seismically restrained or anchored:
 - 1) Storage racks over 5'-9" in height (Section 105 of 2010 CBC and MMC II-1-17.03). Design calculations and details are required for both rack structure and its anchorage for storage racks over 8' tall.
 - 2) Partitions more than 5'-9" in height (Section 105 of 2010 CBC and MMC II-1-17.03).
 - 3) Permanent floor-supported cabinets, cases, counters, non-fixed and moveable fixtures, and book stacks more than 5'-9" in height (Section 105 of 2010 CBC and MMC II-1-17.03).
- All permits must be obtained in person at the Permit Center at 455 E. Calaveras Blvd.
- Permits may be issued only to a State of California Licensed Contractor or the Building Owner.
- If the work is performed by the Building Owner personally or by his/her workers, and an inspection indicates the work cannot be completed satisfactorily, then a licensed contractor must perform the work.
- If the Building Owner hires workers, State Law requires the Owner to obtain Worker's Compensation Insurance. Proof of this insurance is required prior to inspection.

2. PLAN REQUIREMENTS & APPROVALS:

- All work must comply with the 2010 California Building Code (CBC), 2010 California Plumbing Code (CPC), 2010 California Mechanical Code (CMC), 2010 California Electrical Code (CEC), 2010 California Energy Code based upon 2008 Building Energy Efficiency Standards (CEnc) and 2011 Milpitas Municipal Code (MMC).
- All permits require drawings. To obtain a building permit, submit four (4) sets of plans (17' X 22' minimum) including the following:

SITE PLAN:

- Scaled plan showing a vicinity map, building, site parking & North Arrow.
- Define a brief "Scope of Work" through an outline text format.
- Must show building data: construction type, square footage, occupancy classification and sprinklers.

FLOOR PLAN:

- Identify the specific area within the building where the racks are being installed.
- Define space function (i.e., storage, manufacturing, etc.)
- Show location of racks, exiting path and dimensions, exit travel distances.
- Every portion of the building in which the racks are installed shall be provided with aisles leading to an exit per CBC Section 1133B.6.1 and every aisle shall not be less than 36" wide, if serving only one side, and not less than 44", if serving both sides per CBC Section 1133B.6.2.

STRUCTURAL SUBMITTAL:

- Identify area of work by highlighting the area and enlarging if necessary.
 - Detail the size and weight of each TYPE of rack.
 - Detail the anchorage of each TYPE of rack.
 - Two sets of wet-stamped and wet-signed calculations prepared by a California Registered Engineer or Architect are required, except as noted below.
- Refer to the “Design Guidelines for Storage Rack Anchorage” handout for sample drawings. If the racks are not higher than eight (8) feet, the bolts specified in the Design Guidelines may be used in the design. Otherwise, the rack design and anchorage must be designed by an Architect or Engineer.
- If the drawings are prepared by a California Registered Engineer or Architect, the Architect or Engineer who prepares the drawings must “wet” sign each sheet of drawings.

3. INSPECTION PROCEDURES

- Installation of expansion bolts must be observed by a third party inspection agency. Installation of epoxy anchors can be observed by either a third party inspection agency, or, if available, and for an additional fee, the City Building Inspector. A list of approved third party inspection agencies is available at the Permit Center or on the City website. After all work is completed, a final inspection shall first be completed by the Fire Department and then by the Building & Safety Department. For each inspection, the Permit Card and the Approved Job Copy of the Drawings must be presented to the inspector. Permits expire 180 days after issuance or last inspection passed, whichever is the latest.

4. QUESTIONS:

- If you have any questions regarding your project, contact the Building & Safety Department at 455 E. Calaveras Blvd, call (408) 586-3240 or contact our website at: <http://www.ci.milpitas.ca.gov/government/building>.