City of Bellevue

Public Information Handout **F-15**

Storage Cabinets
for Flammable and Combustible Liquids

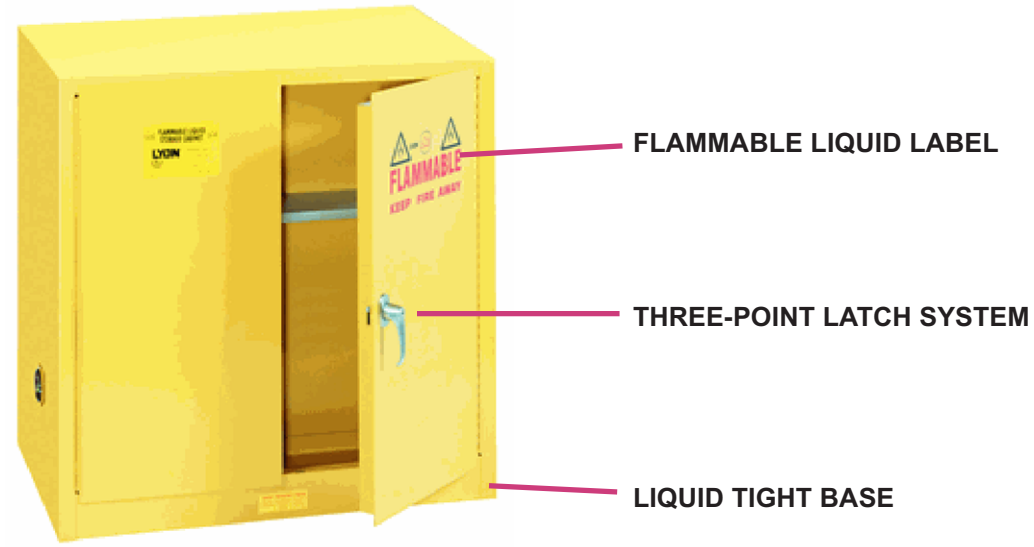
April 2005

REQUIREMENTS

- Storage cabinets are required where it is desired to keep or store more than 10 gallons (38 L) of a flammable liquid or combustible liquid inside of buildings.
- The combined total quantity of all liquids in a cabinet shall not exceed 120 gallons (454 L).
- The storage of empty containers previously used for the storage of flammable or combustible liquids, unless free from explosive vapors, shall be stored as required for filled containers.

CONSTRUCTION

- Cabinets shall be listed in accordance with UL 1275 or be constructed of approved wood or metal in accordance with the following:

1. Unlisted metal cabinets shall be constructed of steel having a thickness of not less than 0.044 inch (1.12 mm) (18 gage). The cabinet, including the door, shall be double walled with 1.5 inch (38 mm) airspace between the walls. Joints shall be riveted or welded and shall be tight fitting.
2. Unlisted wooden cabinets, including doors, shall be constructed of not less than 1-inch (25 mm) exterior grade plywood. Joints shall be rabbited and shall be fastened in two directions with wood screws. Door hinges shall be of steel or brass. Cabinets shall be painted with an intumescent-type paint.

- Doors shall be well fitted, self-closing, and equipped with a three-point latch.
- Cabinets shall be provided with a conspicuous label in red letters on contrasting background which reads: FLAMMABLE—KEEP FIRE AWAY.
- The bottom of the cabinet shall be liquid tight to a height of at least 2 inches (51 mm).
- If shelves are provided, they must be recessed 1-inch to facilitate dripping into the pan.