FULLERTON FIRE DEPARTMENT

FIRE PREVENTION STANDARDS

APPLICATION:

MEANS OF EGRESS (EXIT) HARDWARE REQUIREMENTS

JUSTIFICATION:

2010 CALIFORNIA FIRE CODE (CFC), CHAPTER 10, SECTION 1008

STANDARDS:

I. Door operations. Except as specifically permitted by this section egress doors shall be readily openable from the egress side without the use of a key or special knowledge or effort.

II. Locks and latches. Locks and latches shall be permitted to prevent operation of doors where any of the following exists:

   A. Places of detention or restraint.
   B. In buildings in occupancy Group A having an occupant load of 300 or less, Groups B, F, M and S, and in places of religious worship, the main exterior door or doors are permitted to be equipped with key-operated locking devices from the egress side provided:
      1. The locking device is readily distinguishable as locked.
      2. A readily visible durable sign is posted on the egress side on or adjacent to the door stating: THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED. The sign shall be in letters 1 inch (25 mm) high on a contrasting background.
      3. The use of key-operated locking device is revocable by the fire code official for due cause.
   C. Where egress doors are used in pairs, approved automatic flush bolts shall be permitted to be used, provided that the door leaf having the automatic flush bolts has no doorknob or surface-mounted hardware.

III. Unlatching. The unlatching of any door or leaf shall not require more than one operation. Pushing lever or turning knob retracts latch and bolt of operable door at the same time.

IV. DEFINITIONS:

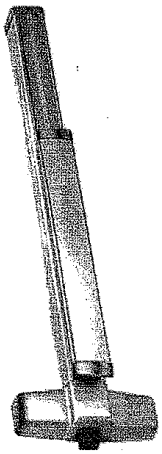
A. Panic Hardware: Door latching assembly incorporating a device which releases the latch upon application of a force in the direction of exit travel. Such device must be a minimum of one-half the width of the door in length. No more than 15lbs. force required to operate.

B. No-Knowledge Hardware: A latch or other fastening device on a door that is provided with a knob, handle, panic bar, thumb turn or other simple type of releasing device, the method of operation of which is obvious, even in darkness.

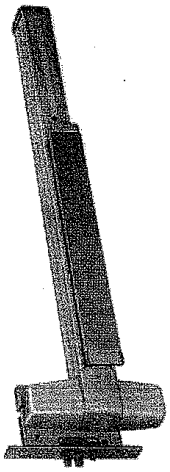
C. Main Exit: Defined as the main entrance to the building.

UL LISTED PANIC HARDWARE

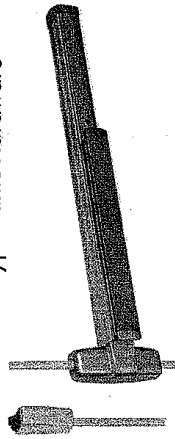
Rim Type Latching Panic Hardware



Mortise Type Latching Panic Hardware



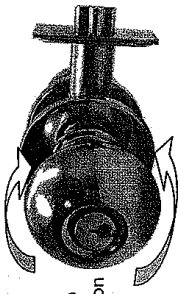
Vertical Rod Type Panic Hardware



This type of device secures at the top and bottom of the door. The push of the bar retracts the latch mechanism at the top and bottom.

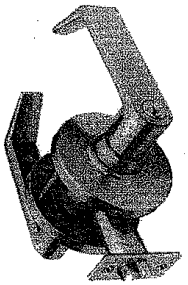
UL LISTED KNOB LOCKS & HANDICAP LEVERS

Cylindrical Knob Lock

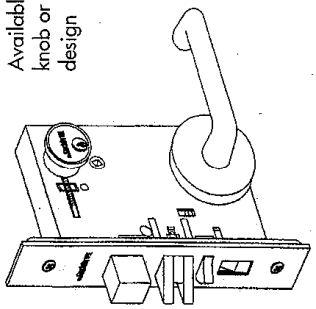


Turning knob either direction retracts latch

Cylindrical Lever Lock

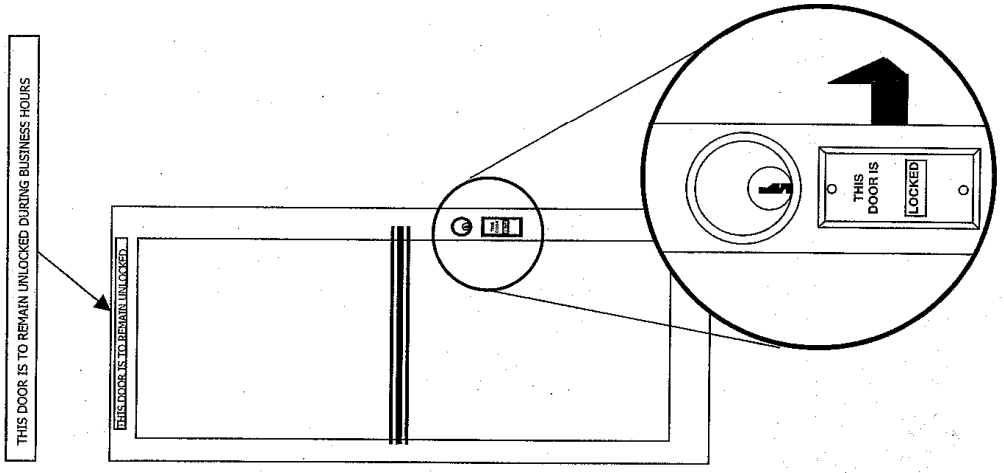


Mortise Lock Type Lever



Available in knob or lever design

ONE MOTION TO EXIT

Pushing lever downward retracts latch and bolt at the same time.

OPEN/CLOSED INDICATORS