

University of Wisconsin - Milwaukee
Physical Plant Services

OVERHEAD DOOR SAFETY

v. March 2012

UWM has many overhead doors. Some of the newer doors have an “auto-stop” on the close sequence if the “close” button is released. On the other hand some doors, particularly older equipment, may not have an auto stop function or a sensor safety stop.

Personnel must be cognizant of these issues and building equipment inconsistencies.

As noted on the precautionary label (right), personnel need to follow these safety instructions when using overhead doors including:

- MOVING door could result in death or serious injury
- Do NOT close door until doorway is clear
- Do NOT stand or walk under door while door is moving
- Keep doorway clear and in full view while operating doors
- Doors with sensing edge or “electric eyes” should be tested frequently.

CAMPUS SURVEY:

Arts Center:

- Exterior door at north end of parking ramp: electric eye auto stop in close sequence
- AB79 south: door out of service May 2010; requires investigation
- AB89 theatre shop ramp door: manual lift door

Chemistry:

- B1F Loading dock: not determined.

Cunningham:

- Rm. G11 Loading dock: not determined.

EMS:

- Rm. W185: not determined.

Enderis Hall:

- Rm. B42 loading dock: not determined.

Engelmann Hall:

- Rm. B1D: not determined.

Great Lakes Research Facility:

- Rm. 101: scheduled for demolition in 2012
- Rm. 139: not determined
- Rm. 180 Northwest: not determined.
- Rm. 195 South west: not determined.

Grounds Building:

- Rm. 120: two doors, not determined
- Rm. 140: three doors, not determined
- Rm. 160: one door, not determined
- Rm. 180: one door, not determined

Heat Plant:

- Rm. 150: two doors, not determined

Kenilworth Square East:

- Rm. B60: not determined

Klotsche and Pavilion:

- Klotsche has three overhead doors: not determined
- Pavilion: not determined

Lapham:

- Rm. 118 loading dock: manual door, with lift deck at loading dock.

Library:

- Rm. W130 Loading dock: not determined

Mitchell:

- 108 Loading dock: electric eye auto stop in close sequence

Northwest Quadrant (NWQ):

- NWQ 1932A (east wing): loading dock, requires investigation (may simply be double door)
- NWQ 1932C (west wing): loading dock, requires investigation
- NWQ 1932E: not determined.
- NWQ requires a comprehensive survey on this topic.

Physics:

- Rm. 155: Not determined

Sandburg Residence Hall and Other Residence Halls:

- All doors are under the auspices of Residence Life.
- Purin: one door to garage

Saukville Field Station:

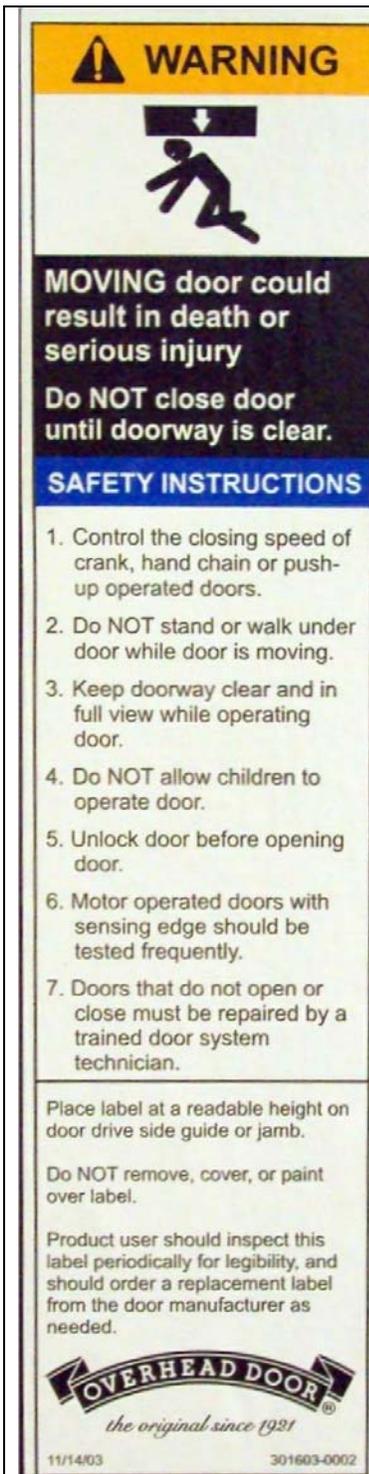
- All doors are under the auspices of the Field Station.

Student Union Overhead Doors:

- Student Union has three overhead doors: Not determined

U.S.R. Overhead Doors (as of May 17, 2010):

- Some doors were installed after UWM occupancy and meet safety precautions and others we inherited from the previous occupant and lack auto-stop on the close sequence.
- Paint shop south door: no auto stop, but has precautionary labels
- Carpenter shop south door: no auto stop, but has precautionary labels
- 200E/265: auto-stop in close cycle if button is released
- 200E west: electric eye auto stop in close sequence
- 262/265: auto-stop in close sequence if button is released
- E1 and E2: auto-stop in close sequence if button is released
- W1, W2, W3, W4, W5, W6: no auto stop in close sequence and no precautionary labeling. These doors once had bottom safety edges (sensing mechanisms), but none are functional at time of this printing
- W7: auto-stop in close sequence if button is released



Example safety signage on a newer overhead door installed at UWM (2010)



Example safety signage on a newer overhead door installed at UWM (2010)



Example safety signage on a newer overhead door installed at UWM (2010)



UWM Univ. Services and Research Building, March 2012: controls and labeling for overhead doors.



UWM Univ. Services and Research Building, March 2012: controls and labeling for overhead doors.



UWM Univ. Services and Research Building, March 2012: positive control switch for a new overhead door.



UWM Univ. Services and Research Building, March 2012: positive control switch for a new overhead door (close action will cease if button is depressed). Some older doors have the same style switch which are not positive control; in other words the door will continue to close if the switch is depressed.

References:

OSHA Interpretation

http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=INTERPRETATIONS&p_id=24460
September 10, 2002 on overhead doors

September 10, 2002

(edited)

Dear Mr. Nielsen:

Thank you for your December 18, 2001 letter to the U.S. Department of Labor, Occupational Safety and Health Administration's (OSHA's). This letter constitutes OSHA's interpretation only of the requirements discussed herein, and may not be applicable to any question or scenario not delineated within your original correspondence. You had specific questions regarding OSHA requirements for overhead doors. Please accept our apology for the delay in responding to your letter.

Question: Are there any OSHA standards or requirements on overhead doors which are located in local city and county fire departments?

Response: There are no specific OSHA standards or requirements for overhead doors, regardless of their location. Since you did not state in your letter whether you are providing service, maintenance, and/or installation on automatic or manually operated doors, we will assume that your business would be classified in General Industry. Therefore, the General Industry Standards, 29 CFR 1910, may apply. However, if you are repairing or installing overhead doors, you may be covered under the Construction Standards, 29 CFR 1926. Please review 29 CFR 1910.12, Construction Work, for additional guidance and to determine the applicability of these standards.

As you may know, the State of North Carolina administers its own occupational safety and health program under provisions of the Occupational Safety and Health Act of 1970. While the state must promulgate safety and health regulations that are "at least as effective" as the federal standards, they may also be more stringent. North Carolina also offers free on-site consultation services to those employers who request guidance on compliance with occupational safety and health standards. In order to obtain North Carolina's position on this issue or access the consultation services, you should contact:

(edited)

References:

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Document created by Robert Grieshaber

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