

	Environmental Health and Safety Manual	
	Policy Number: EH&S 5-4	
Title: <b>Fire and Smoke Doors</b>		
Effective Date: 3/95	Revision: 2/97	Number of Pages: 2

**PURPOSE:** To provide for a uniform policy on maintenance of fire, smoke, and corridor doors.

**SCOPE:** University wide.

**DEFINITIONS:**

**Hazardous Areas:** Includes, but not limited to, locker rooms, soiled linen rooms, trash collection rooms, chemical storage areas, and laboratories.

**POLICY:**

**I. General**

1. Doors required to be fire rated shall comply with NFPA 252, *Standard Methods of Fire Tests of Door Assemblies*.
2. Fire rated doors shall be self closing. They shall have a positive latch that will keep the door from opening under normal pressure. There shall not be an undercut of more than 1/8 inch.
3. Smoke rated doors shall be self closing. Positive latches are not required. There shall not be an undercut of more than 1/8 inch.
4. Windows in fire or smoke rated doors shall be less than 25 percent of the door and be constructed of wire glass or fire rated glazing material.
5. Any door in a corridor, stairway enclosure, horizontal exit, smoke barrier, or hazardous area, shall be held open only by an automatic release device that is activated by the fire alarm system. These doors shall not be held open with a wedge or other device.
6. Hazardous areas that are sprinklered shall be protected by smoke rated doors.

7. Doors to rooms or areas off the corridor should be kept closed when the area is not occupied.
8. Dutch doors shall have both upper leaf and lower leaf equipped with a latching device, and the meeting edges of the upper and lower leaves shall be equipped with an astragal which closes the leaves together.
9. Do not drill into or otherwise modify fire or smoke doors. There may be an asbestos hazard, and modifications may negate the fire rating.

## **II. Inspection**

1. The Physical Plant will inspect all doors.
2. The Department of Environmental Health and Safety will inspect all fire and smoke doors. The automatic release devices shall be tested during fire drills. All deficiencies will be reported to the Physical Plant in writing.
3. The Physical Plant is responsible for maintaining all doors in proper working order.

### **INQUIRIES/REQUESTS:**

Environmental Health and Safety  
110 Suffolk Hall  
Zip 6200  
Main Office: 632-6410  
FAX: 632-9683

### **RELATED FORMS:**

**RELATED DOCUMENTS:** NFPA *Life Safety Code 101*

NFPA 252 *Standard Methods of Fire Tests of Door Assemblies*

-Rev. 2/97-