

TABLE 55.32  
NUMBER OF FIXTURES REQUIRED FOR PATRONS/OCCUPANTS  
IN PLACES OF ASSEMBLY

Number of Patrons/Occupants of Each Sex <sup>2</sup>	Type of Fixture <sup>1</sup>				
	Water Closets (WC)		Urinals (U)	Drinking Facilities (DF)	Lavatories <sup>3</sup> (L)
	Males (M)	Females (F)			
1- 100	1	1	0		
101- 200	1	2	1		One (L) for each 2 fixtures (WC) or (U) required, or both, or fraction
201- 250	1	3	2	One (DF) for each 150 occupants or fraction up to 600	
251- 300	1	4	2		
301- 350	2	5	2		
351- 400	2	6	2		
401- 450	2	7	3		
451- 500	2	8	3		
501- 600	2	9	4		
Over 600	One (WC) for each additional 600 (M) or fraction; one for each additional 275 (F) or fraction		One (U) for each additional 500 (M) or fraction	One additional (DF) for each additional 3000 occupants or fraction	
<b>Taverns and restaurants<sup>1</sup></b>					
	One (WC) for each 75 (M) or fraction; one (WC) for each 30 (F) or fraction		One (U) <sup>2</sup> for each 50 (M) or fraction	0	

<sup>1</sup> The ratio of the number of fixtures to the number of occupants accommodated in excess of 300 need be one-half of the figures shown.

<sup>2</sup> The urinal may be omitted in restaurants which accommodate less than 25 males and do not serve alcoholic beverages.

<sup>3</sup> A minimum of one lavatory shall be provided in each toilet room. Where a single toilet room designated as UNISEX is provided, it shall be considered as accommodating no more than 10 employees and 25 occupants.

**Note 1:** For structures with additions or alterations, the required number of sanitary fixtures shall be the sum of the fixtures required for the existing portion at the time it was constructed plus the fixtures required by this table for the new addition or altered area. At such time as the summation of the addition and alteration area is equal to or greater than 51% of the building area calculated as specified in s. ILHR 50.03 (4) (d), fixtures shall be provided in conformance to this table utilizing the capacity of the entire building.

**Note 2:** See also rules of the department of health and social services for sanitary fixtures for public swimming places, mobile home parks, camping grounds, camping resorts, recreational camps and educational camps.

**Note 3:** For mixed-use facilities such as a dinner theater, use the required number for restaurants as specified in s. ILHR 54.12 (2) (d) 2.

**History:** 1-2-56; r. and recr. Register, December, 1976, No. 252, eff. 1-1-77; am. (2), Register, December, 1977, No. 264, eff. 1-1-78; am. (2), Register, December, 1978, No. 276, eff. 1-1-79; am. (2), Register, December, 1981, No. 312, eff. 1-1-82; am. table, Register, August, 1985, No. 356, eff. 1-1-86; am. (2), r. and recr. table; Register, August, 1993, No. 452, eff. 3-1-94; reprinted to correct error in table, Register, August, 1995, No. 476.

**ILHR 55.33 Fire protection systems. (1) SPRINKLER SYSTEMS.** Automatic fire sprinkler systems shall be provided as outlined in ss. ILHR 52.01, 52.011, 52.012 and 52.013.

**(2) STANDPIPE SYSTEMS. (a) Fire department standpipes.** Fire department standpipes shall be provided in all buildings exceeding 60 feet in height.

**(b) Dry standpipes.** Dry standpipes as specified under s. ILHR 51.21 shall be provided in all buildings, except churches and places of worship, having theaters and assembly halls with an occupancy load of more than 750 persons, unless an approved automatic sprinkler system is installed. First-aid standpipes shall be provided on the stage of every theater and assembly hall where a proscenium curtain is required.

**(3) FIRE EXTINGUISHERS.** Portable fire extinguishers shall be provided and maintained as specified in s. ILHR 51.22.

**History:** 1-2-56; r. and recr. Register, December, 1976, No. 252, eff. 1-1-77; am. (2), Register, December, 1978, No. 276, eff. 1-1-79; emerg. r. and recr. (2), eff. 9-6-86; r. and recr. (2), Register, November, 1986, No. 371, eff. 12-1-86; r. and recr. Register, March, 1991, No. 423, eff. 4-1-91; am. (2) (b), Register, January, 1994, No. 457, eff. 2-1-94.

**ILHR 55.39 Use of "safety-base" film. (1)** The requirements of ss. ILHR 55.40 through 55.49 will not apply in buildings in which movie projectors are used with "safety-base" film provided the conditions of pars. (a) and (b) are met.

**(a)** The owner shall submit an affidavit to the department stating that "safety-base" film only will be used in all movie projectors.

**(b)** The affidavit shall be signed by the owner and the signature notarized.

**Note:** For definition of "owner," see s. 101.01 (2) (i), Stats.

**History:** Cr. Register, April, 1971, No. 184, eff. 5-1-71.

**ILHR 55.40 Motion picture machine booths, general.** Every motion picture machine using nitro-cellulose film, together with all auxiliary and associated equipment, shall be enclosed in a booth so arranged as to permit the operator to walk freely on either side and in back of the machine. At least 48 square feet in area shall be provided for one machine, and 24 square feet additional for each machine over one. The ceiling height shall be not less than 7 feet.

**ILHR 55.41 Construction of booth.** The floor of each motion picture booth shall be constructed of masonry or reinforced concrete, or shall be covered with not less than 2 inches of fire-resistive material. The walls and ceilings

Register, August, 1995, No. 476

## ILHR 55.41

shall be not less than 2-hour fire-resistive construction as specified in s. ILHR 51.04.

**History:** 1-2-56; am. Register, February, 1971, No. 182, eff. 7-1-71; r. and recr. eff. 8-1-71 and exp. 1-1-72; cr. eff. 1-1-72, Register, July, 1971, No. 187.

**ILHR 55.42 Doors.** (1) The door to the booth shall be not larger than necessary for the safe and proper use and maintenance of the booth and equipment, but in no case shall its dimensions be smaller than 2 feet by 5 feet or larger than 3 feet by 7 feet. The top of the door shall be not less than 12 inches below the ceiling of the booth.

(2) The door shall be a tight-fitting self-closing fire door as specified in s. ILHR 51.047, shall open outwardly, and shall not be equipped with any latch.

**History:** 1-2-56; am. (2), Register, February, 1971, No. 182, eff. 7-1-71; r. and recr. (2) eff. 8-1-71 and exp. 1-1-72; cr. (2) eff. 1-1-72, Register, July, 1971, No. 187.

**ILHR 55.43 Openings.** (1) Two openings for each motion picture machine may be provided. The one for the operator's view shall not be larger than 200 square inches and the one for projection not larger than 120 square inches. Where separate stereopticon, spot, or floodlight machines are installed, not more than one opening shall be provided for each such machine for both the operator's view and the projection of light. All such openings shall be as small as practicable.

(2) Each opening shall be provided with an approved gravity shutter set into guides not less than one inch at sides and bottom, and overlapping the top of the opening by at least one inch when closed. Shutters shall be not less than No. 10 U.S. Standard gauge iron or equivalent, arranged to move freely in guides of like material and thickness bolted to the wall. Each shutter shall be suspended by a cord and shall be so arranged that closing is by gravity action. A fusible link shall be provided in the cord over each shutter. A link shall also be provided over each magazine, which on operating will close all shutters. A manual release shall be provided near each exit door by which all shutters can be closed simultaneously. Shutters shall not be blocked open nor held open in any manner except by the harness of cords and links as herein described.

**ILHR 55.44 Ventilation of booths.** Every booth or room housing projection, sound or any other equipment which vitiates good air conditions or requires the attention of an attendant shall be ventilated as required by s. ILHR 64.05. Fresh air intakes in booth walls, except for outside air, shall not exceed 72 square inches in area, nor be more than 3 inches above the floor. They shall be equipped with automatic shutters as described for projection openings.

**History:** 1-2-56; r. and recr. Register, October, 1967, No. 142, eff. 11-1-67; am. Register, December, 1975, No. 240, eff. 1-1-76.

**ILHR 55.45 Relief outlets.** Every booth or room housing projection, sound or other equipment which constitutes a fire, smoke, explosion or fuming hazard shall be equipped with one or more gravity outlets extending upward from the ceiling through the roof. The net area of such gravity relief outlets shall be equal to one per cent of the room or booth floor area, but not less than 12 inches in diameter. Such outlets shall be constructed as sheet metal ducts

Register, August, 1995, No. 476

having double walls with inch air space between, or better construction. Where a relief outlet passes through, or is within 18 inches of any combustible construction, or passes through any other occupancy, approved masonry flues as specified for chimneys, s. ILHR 64.46, shall be used. The relief outlets shall be equipped, at the booth or room outlets, with a gravity shutter which will open automatically under excessive heat conditions. The automatic shutter shall normally be tightly closed where mechanical exhaust ventilation is required in the same room.

**ILHR 55.46 Electric wiring.** All lights and electric wiring, also motors, arc lamps, rheostats, and associated electrical equipment shall conform in type and arrangement to the requirements of the Wisconsin state electrical code, vol. 2, ch. ILHR 16.

**ILHR 55.47 Motion picture machine.** Every projection machine shall be securely fastened to the floor, and together with sound head and other associated equipment, shall be of safe design. No part of the film shall be outside of a tight metal enclosure during projection, and the feed and take-up reels shall have riveted, flanged, or welded joints. A shutter shall be placed in front of the condenser, arranged so as to be closed except when held open by the operator, or by some mechanical device which will assure immediate closure when operation of the machine is stopped.

**ILHR 55.48 Fire protection in booth; care and use of film.** (1) All shelves, furniture and fixtures shall be incombustible. No combustible material shall be permitted to be within such booth, except films and film cement not exceeding one pint. Smoking is prohibited. Heating equipment in booths shall be limited to steam, warm air, hot water or electric convection heaters with low surface temperature elements. Radiators shall be protected by inch mesh screen with the top sloped at least 45° to the horizontal.

(2) Films not in process of rewinding, examination or projection shall be kept in metal containers. Up to 40 pounds of film may be kept in the projection booth in interstate commerce commission shipping containers. Excess over 40 pounds shall be kept in an approved film cabinet, but the total quantity of film in any booth shall not exceed 125 pounds.

(3) Rewinding in the projection booth is prohibited unless done in an approved enclosed type rewind machine. An approved can with self-closing hinged cover shall be provided for scrap film.

(4) Up to 125 pounds of film in addition to that permitted in a projection booth, may be kept in containers as specified above, providing this excess is in a rewind room of not less than 80 square feet area, and of the construction specified in ss. ILHR 55.41 and 55.42. Such room shall have a vent of at least 50 square inches in area extending upward to the outside of the building, with a clearance to combustible material conforming to s. ILHR 55.45. Furniture and heating shall be as for the projection booth, and smoking is prohibited.

**Note:** The weight of a 1000 foot roll of 35 millimeter film is assumed as 5 pounds.