

# NFPA 150

## Firesafety

## In Racetrack

## Stables

## 1991 Edition



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There is a concern that the growing use of synthetic materials may produce more or additional toxic products of combustion in a fire environment. The Board has, therefore, asked all NFPA technical committees to review the documents for which they are responsible to be sure that the documents respond to this current concern. To assist the committees in meeting this request, the Board has appointed an advisory committee to provide specific guidance to the technical committees on questions relating to assessing the hazards of the products of combustion.

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**NFPA 150**

**Standard on**

**Firesafety in Racetrack Stables**

**1991 Edition**

This edition of NFPA 150, *Standard on Firesafety in Racetrack Stables*, was prepared by the Technical Committee on Firesafety in Racetrack Stables and acted on by the National Fire Protection Association, Inc. at its Fall Meeting held November 12-14, 1990 in Miami, FL. It was issued by the Standards Council on January 11, 1991, with an effective date of February 8, 1991, and supersedes all previous editions.

The 1991 edition of this document has been approved by the American National Standards Institute.

Changes other than editorial are indicated by a vertical rule in the margin of the pages on which they appear. These lines are included as an aid to the user in identifying changes from the previous edition.

**Origin and Development of NFPA 150**

After a series of disastrous fires in racetrack stables in 1975, NFPA established the Committee on Firesafety in Racetrack Stables. This committee began its work in 1976 with the establishment of three working subcommittees covering construction, occupancy requirements, and fire protection. NFPA 150, *Standard on Firesafety in Racetrack Stables*, was first published in 1979. In the 1985 edition, minor changes were made to the standard that included the printing of Table 3 from NFPA 220, *Standard on Types of Building Construction*, in Appendix A. An appendix note to 2-1.1 was deleted from this 1991 edition, and a second sentence was added to Section 3-3.

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**NFPA 150****Standard on****Firesafety in Racetrack Stables****1991 Edition**

NOTICE: An asterisk (\*) following the number or letter indicates explanatory material on that paragraph in Appendix A.

Information on referenced publications can be found in Chapter 5 and Appendix B.

**Chapter 1 General**

**1-1 Scope.** This standard contains minimum requirements for the construction, fire protection, and occupancy of racetrack stable areas, including those at state, county, and local fairgrounds. Dormitories and grandstand areas are the responsibilities of the Committees on Safety to Life and Tents, Grandstands, and Air-Supported Structures, respectively (NFPA 101®, *Life Safety Code*®, NFPA 102, *Standard for Assembly Seating, Tents and Membrane Structures*).

**1-2 Purpose.** It is the intent of these requirements to prevent the loss of life (including animal life) and property from fire in racetrack stables.

**1-3 Definitions.**

**Approved.** Acceptable to the "authority having jurisdiction."

NOTE: The National Fire Protection Association does not approve, inspect or certify any installations, procedures, equipment, or materials nor does it approve or evaluate testing laboratories. In determining the acceptability of installations or procedures, equipment or materials, the authority having jurisdiction may base acceptance on compliance with NFPA or other appropriate standards. In the absence of such standards, said authority may require evidence of proper installation, procedure or use. The authority having jurisdiction may also refer to the listings or labeling practices of an organization concerned with product evaluations which is in a position to determine compliance with appropriate standards for the current production of listed items.

**Assigned Barn.** The barn area where a trainer has been allocated stalls and space for his horses and equipment.

**Assistant Trainer.** The person next to the listed trainer of record, and the one who frequently handles the day-to-day affairs in training a horse or horses.

**Authority Having Jurisdiction.** The "authority having jurisdiction" is the organization, office or individual responsible for "approving" equipment, an installation or a procedure.

NOTE: The phrase "authority having jurisdiction" is used in NFPA documents in a broad manner since jurisdictions and "approval" agencies vary as do their responsibilities.

Where public safety is primary, the "authority having jurisdiction" may be a federal, state, local or other regional department or individual such as a fire chief, fire marshal, chief of a fire prevention bureau, labor department, health department, building official, electrical inspector, or others having statutory authority. For insurance purposes, an insurance inspection department, rating bureau, or other insurance company representative may be the "authority having jurisdiction." In many circumstances the property owner or his designated agent assumes the role of the "authority having jurisdiction"; at government installations, the commanding officer or departmental official may be the "authority having jurisdiction."

**Concessionaires.** The holders of a concession, such as the track kitchen, granted by the racetrack management.

**Fire Door Assembly.** A combination of a fire door, frame, hardware, and other accessories that together provide a specific degree of fire protection to the opening (see NFPA 80, *Standard for Fire Doors and Windows*).

**Fire Resistance Rating.** The time, in minutes or hours, that materials or assemblies have withstood a fire exposure as established in accordance with the test procedures of NFPA 251, *Standard Methods of Fire Tests of Building Construction and Materials*.

**Flamespread Rating.** A numerical classification of a material obtained according to NFPA 255, *Standard Method of Test of Surface Burning Characteristics of Building Materials*.

**Halter.** Piece of equipment that fits around a horse's head, like a bridle, but lacking a bit. It is used in handling horses around the stable. In the event of a fire, horses can be led from stalls by halters.

**Labeled.** Equipment or materials to which has been attached a label, symbol or other identifying mark of an organization acceptable to the "authority having jurisdiction" and concerned with product evaluation, that maintains periodic inspection of production of labeled equipment or materials and by whose labeling the manufacturer indicates compliance with appropriate standards or performance in a specified manner.

**Listed.** Equipment or materials included in a list published by an organization acceptable to the "authority having jurisdiction" and concerned with product evaluation, that maintains periodic inspection of production of listed equipment or materials and whose listing states either that the equipment or material meets appropriate standards or has been tested and found suitable for use in a specified manner.

NOTE: The means for identifying listed equipment may vary for each organization concerned with product evaluation, some of which do not recognize equipment as listed unless it is also labeled. The "authority having jurisdiction" should utilize the system employed by the listing organization to identify a listed product.

**Mechanical Hotwalker.** An electrical device that automatically walks a horse or several horses in a circle with an approximate radius of 10 to 15 ft (3.05 to 4.58 m).

**Mixed Occupancy.** A building or stable area where both horses and humans reside.

**Racetrack Management.** The persons who control or execute the affairs of the track itself.

**Shall.** Indicates a mandatory requirement.

**Should.** Indicates a recommendation or that which is advised but not required.

**Smoke Developed Rating.** A numerical classification of a material obtained according to NFPA 255, *Standard Method of Test of Surface Burning Characteristics of Building Materials*.

**Tack.** Stable gear; also rider's racing equipment.

**Tack Room.** A storage area for tack and stable equipment.

**Track Security.** Persons employed to protect racetrack property and to ensure the proper passage of licensed personnel; track security may be internal or external.

**Trainer.** The person responsible for the care and training of a horse or horses.

## Chapter 2 Construction

### 2-1 New Construction.

**2-1.1\* Types of Construction.** The types of construction listed in NFPA 220, *Standard on Types of Building Construction*, shall be deemed suitable for the construction of buildings included in the scope of this standard.

**2-1.2 Stall and Area Limitations.** Stall and area limitations for various types of construction shall be in conformance with those designated in Table 2-1.2.

Table 2-1.2 Stall and Area Limitations (See Note.)

Construction Type	Stalls		Area Limitations	
	Sprinklered	Unsprinklered	Sprinklered	Unsprinklered
Type I (443-332) fire resistive	Unlimited	180	Unlimited	45,000 sq ft (4180.5 m <sup>2</sup> )
Type II (222) Protected non-combustible/ limited combustible	Unlimited	180	Unlimited	45,000 sq ft (4180.5 m <sup>2</sup> )
Type II (111) Protected noncombustible/limited combustible	Unlimited	120	Unlimited	32,000 sq ft (2972.9 m <sup>2</sup> )
Type II (000) Noncombustible/ limited combustible	Unlimited	Not Permitted	Unlimited	Not Permitted
Type III (211-200) Protected ordinary and ordinary construction	80	Not Permitted	20,000 sq ft (1858.0 m <sup>2</sup> )	Not Permitted
Type IV (2HH) Heavy timber	Unlimited	Not Permitted	Unlimited	Not Permitted
Type V (111-000) Protected wood frame and unprotected wood frame	60	Not Permitted	16,000 sq ft (1486.45 m <sup>2</sup> )	Not Permitted

NOTE: The number of stalls refers to stalls only and does not include feed storage rooms, tack rooms, wash racks, drying rooms, toilets, etc.

### 2-1.3 Minimum Occupancy Separations.

**2-1.3.1** For the purpose of this standard, occupancies in barns shall be grouped as follows:

Group A: Stalls for housing horses.

Group B: Human sleeping rooms/quarters.

Group C: Feed rooms, tack rooms, equipment storage rooms, and other related rooms.

Group D: Blacksmith shops, kitchens, and mechanical equipment rooms.

Group E: Toilet facilities.

**2-1.3.2** Minimum occupancy separation shall be as depicted in Table 2-1.3.2.

Table 2-1.3.2 Minimum Occupancy Separation in Hours  
(See Note)

Occupancy Group	A	B	C	D	E
A	—	—	—	—	—
B	1 hr	—	—	—	—
C	2 hr	2 hr	—	—	—
D	2 hr	2 hr	2 hr	—	—
E	1 hr	0	1 hr	0	—

NOTE: A 50-percent reduction in the requirements shall be allowed in fully sprinklered buildings.

**2-1.4 Exposure Protection.** Adjacent buildings shall be separated in accordance with NFPA 80A, *Recommended Practice for Protection of Buildings from Exterior Fire Exposures*.

**2-1.5 Height Restrictions.** Barns shall be limited to two stories in height.

*Exception: Fully sprinklered buildings.*

**2-1.6\* Exit Travel Distances.** All structures shall have exits within 100 ft (30.5 m) of travel distance from any point in the structure. This distance may be increased by 50 percent for fully sprinklered buildings.

**2-1.7** Electrical, mechanical, and fuel burning equipment shall be installed in accordance with the following appropriate NFPA standards:

NFPA 31, *Standard for the Installation of Oil Burning Equipment*

NFPA 54, *National Fuel Gas Code*

NFPA 58, *Standard for the Storage and Handling of Liquefied Petroleum Gases*

NFPA 70, *National Electrical Code*®

NFPA 90A, *Standard for the Installation of Air Conditioning and Ventilating Systems*



NFPA 90B, *Standard for the Installation of Warm Air Heating and Air Conditioning Systems*

NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel Burning Appliances*.

## **2-1.8 Insulation.**

**2-1.8.1** In buildings of Type I and Type II construction, exposed combustible insulation shall be prohibited.

**2-1.8.2** In buildings of Type III, Type IV, and Type V construction, exposed insulation shall have a flamespread rating of 100 or less and a smoke developed rating of 450 or less when tested in accordance with NFPA 255, *Standard Method of Test of Surface Burning Characteristics of Building Materials*. In addition, insulation types that melt and drip, or that produce loose flaming brands when exposed to fire, shall be prohibited unless protected by an approved thermal barrier.

## **2-1.9 Stall Dividers.**

**2-1.9.1** In sprinklered buildings, stall dividers shall be constructed of materials that meet Class A, B, or C interior finish rating as defined in NFPA 101, *Life Safety Code*.

**2-1.9.2\*** In unsprinklered buildings, noncombustible stall dividers shall be provided for a maximum of every four adjacent stalls. All stall dividers shall be at least 7 1/2 ft (2.3 m) high and shall form a tight barrier between stalls. Interior faces of noncombustible dividers shall be permitted to be surfaced with materials meeting Class A, B, or C interior finish ratings.

## **2-2 Existing Construction.**

**2-2.1\* Combustible Barns.** Existing barns of Types III, IV, and V construction shall be equipped throughout with an approved automatic extinguishing system.

**2-2.2\* Minimum Occupancy Separations.** Existing barns shall comply with the minimum occupancy separation as specified in 2-1.3.

# **Chapter 3 Occupancy Requirements**

## **3-1 Management Responsibilities.**

**3-1.1** All trainers or their assistants and all concessionaires or their assistants shall serve as liaison, with the track security and fire protection supervisors.

**3-1.2** All trainers or their assistants and all concessionaires or their assistants shall acquaint themselves with and brief their employees as to the following:

- (a) Smoking regulations.

- (b) Location of fire alarm notification system in immediate area of assigned barn.

- (c) Location of all fire extinguishers and extinguishing equipment in assigned barn area.

- (d) Regulations regarding occupancy, use of extension cords for extending electrical circuits, and use of electrical appliances.

- (e) Regulations regarding storage and use of feed, straw, tack, and supplies.

- (f) Track regulations with regard to fire and security, copies of which shall be provided to all trainers or their assistants and concessionaires or their assistants. These regulations shall be used in instructing members of the trainers' and concessionaires' staffs assigned to the barn area.

**3-1.3** All security personnel, trainers, and concessionaires or their assistants shall be available for instruction in basic fire protection practice.

**3-1.4** Signs shall be posted in every barn and associated buildings dealing with the following information:

- (a) Location of manual fire alarm stations, emergency telephones, or other methods of fire alert.

- (b) Location of fire protection first-aid appliances.

- (c) Emergency procedures specific to the particular track facilities.

**3-2 Kitchens.** Track kitchens shall be protected in accordance with NFPA 96, *Standard for the Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment*.

**3-3\* Open Burning.** No open burning shall be permitted. Open flame heating devices other than as permitted by 2-1.7 shall not be allowed.

**3-4 Smoking.** Smoking shall be prohibited except in designated safe areas. Proper warning signs shall be posted.

## **3-5 Waste Removal and Housekeeping.**

**3-5.1** An adequate and systematic procedure for general housekeeping, cleanliness, waste removal, and orderliness shall be maintained.

**3-5.2** Adequate detached noncombustible trash containers, for other than stall waste, shall be provided and a frequent removal program established.

**3-5.3** Hay or straw shall not be stored in aisles.

## **3-6 Electrical Systems and Appliances.**

**3-6.1** Electrical systems and appliances shall be installed in accordance with the requirements of NFPA 70, *National Electrical Code*.

**3-6.2** Use of any portable electrical appliance shall be restricted to the following conditions:

- (a) Multiple-outlet adaptors shall be prohibited.
- (b) Not more than one continuous extension cord shall be used to connect one appliance to the fixed receptacle, and such cord shall be listed for hard service and properly sized for the intended application.
- (c) Extension cords shall be used only on a temporary (immediate) basis.

**3-6.3** Extension cords shall not be supported by any metal object such as nails, screws, hooks, and pipes.

**3-6.4** Plug caps and receptacles used in extension cords shall be heavy duty type equipped with a reliable grounding pole and attached to the cord in a manner to provide strain relief.

**3-6.5** All electrical appliances used in the stable area shall be listed.

**3-6.6** Outdoor electrical appliances (e.g., mechanical hot-walkers) served by the barn electrical system shall be installed in accordance with NFPA 70, *National Electrical Code*.

**3-6.7** Portable cooking and heating appliances shall be used only in spaces designated for such use provided they are separated from the stabling and storage areas of the barn by construction as set forth in 2-1.3.2.

**3-6.8** Portable electrical heating and cooking appliances shall be of a type that automatically interrupts electrical current to the heating element when the appliance is not in its normal operating position (tip-over disconnect).

**3-6.9** Use of exposed element heating appliances such as immersion heaters shall be prohibited.

**3-6.10\*** In barns to be constructed, the electrical distribution system shall be so installed that at least one receptacle is provided immediately outside each stall. Receptacles and wiring shall be installed in positions that minimize the possibility of damage by horses.

**3-6.11** Permanently installed lighting facilities shall be provided throughout the barn.

**3-7\* Hot Water.** Permanently installed facilities for the production and distribution of hot water shall be provided in each barn.

**3-8 Flammable Liquids.** The storage of flammable and combustible liquids, except those used for medicinal purposes, shall be prohibited.

**3-9 Control of Vehicular Traffic.** All vehicular access shall be subject to local established rules. Aisles shall be maintained clear of obstruction at all times, and access to fire equipment shall not be blocked.

### **3-10 Animal Evacuation.**

**3-10.1** A halter shall be worn by each horse at all times.

**3-10.2** Animals shall be restricted to ground floor occupancy in multistory barns.

*Exception: Barns that are constructed so that each floor level exits at ground level for the length of the building on at least one building side.*

## **Chapter 4 Fire Protection**

### **4-1 Sprinkler Protection.**

**4-1.1** Where automatic sprinklers are required, the system shall be installed and maintained in accordance with NFPA 13, *Standard for the Installation of Sprinkler Systems*, and NFPA 13A, *Recommended Practice for the Inspection, Testing and Maintenance of Sprinkler Systems*.

**4-1.2** Automatic sprinkler systems shall be designed in accordance with Ordinary Hazard Group 2 classification.

**4-2 Water Supplies.** The water supply shall be capable of providing pressure and discharge capacity required for automatically supplying sprinklers, hydrants, and hose lines.

**4-3\* Fire Hydrants.** Fire hydrants shall be provided as follows:

(a) All portions of major track structures such as barns, kitchens, and maintenance buildings shall be within 300 ft (91.44 m) of a fire hydrant.

(b) Fire hydrants shall be located so that a fire department pumper can approach to within 10 ft (3.05 m) of the hydrant. Fire hydrants shall be protected from vehicle damage.

**4-4 Fire Extinguishers.** Fire extinguishers shall be provided in accordance with NFPA 10, *Standard for Portable Fire Extinguishers*. Such extinguishers shall have a minimum 2A rating and shall be not more than 75-ft (22.86-m) travel distance from any point within a building.

### **4-5 Alarm Systems.**

**4-5.1** All major unsprinklered track buildings such as barns, kitchens, and maintenance buildings shall have a manual fire alarm system. The alarm system shall sound an audible alarm for purposes of initiating emergency action.

**4-5.1.1** Manual fire alarm stations shall be so located as to be readily available in all portions of the premises in accordance with NFPA 72, *Standard for the Installation, Maintenance, and Use of Protective Signaling Systems*.

**4-6 Lightning Protection.** Lightning protection, where provided, shall be installed according to NFPA 78, *Lightning Protection Code*.

## Chapter 5 Referenced Publications

**5-1** The following documents or portions thereof are referenced within this standard and shall be considered part of the requirements of this document. The edition indicated for each reference is the current edition as of the date of the NFPA issuance of this document.

**5-1.1 NFPA Publications.** National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101.

NFPA 10, *Standard for Portable Fire Extinguishers*, 1990 edition

NFPA 13, *Standard for the Installation of Sprinkler Systems*, 1989 edition

NFPA 31, *Standard for the Installation of Oil Burning Equipment*, 1987 edition

NFPA 54, *National Fuel Gas Code*, 1988 edition

NFPA 58, *Standard for the Storage and Handling of Liquefied Petroleum Gases*, 1989 edition

NFPA 70, *National Electrical Code*, 1990 edition

NFPA 72, *Standard for the Installation, Maintenance, and Use of Protective Signaling Systems*, 1990 edition

NFPA 78, *Lightning Protection Code*, 1989 edition

NFPA 90A, *Standard for the Installation of Air Conditioning and Ventilating Systems*, 1989 edition

NFPA 90B, *Standard for the Installation of Warm Air Heating and Air Conditioning Systems*, 1989 edition

NFPA 96, *Standard for the Installation of Equipment for the Removal of Smoke and Grease-Laden Vapors from Commercial Cooking Equipment*, 1991 edition

NFPA 101, *Life Safety Code*, 1991 edition

NFPA 211, *Standard for Chimneys, Fireplaces, Vents, and Solid Fuel Burning Appliances*, 1988 edition

NFPA 220, *Standard on Types of Building Construction*, 1985 edition

NFPA 251, *Standard Methods of Fire Tests of Building Construction and Materials*, 1990 edition

NFPA 255, *Standard Method of Test of Surface Burning Characteristics of Building Materials*, 1990 edition

## Appendix A

*This Appendix is not a part of the requirements of this NFPA document but is included for information purposes only.*

**A-2-1.1** Table A-2-1.1 on the following page is a reprint of Table 3 from NFPA 220, *Standard on Types of Building Construction*.

**A-2-1.6** Exit distances are more stringent than those specified in NFPA 101, *Life Safety Code*, because of the difficulty of evacuating panicked horses from the structure.

**A-2-1.9.2** This requirement is intended to reduce the speed with which a fire will spread by creating noncombustible dividers of solid construction between every group of four stalls.

**A-2-2.1** Installation of an automatic extinguishing system in existing barns of Types III, IV, and V construction should be accomplished on an individual facility basis as negotiated with the local authority having jurisdiction.

**A-2-2.2** Compliance with minimum occupancy separations in existing barns should be accomplished on an individual facility basis as negotiated with the local authority having jurisdiction.

**A-3-3 Open Burning.** This restriction is intended primarily to prohibit open flame heaters in the stable area. It is not intended to limit properly installed and equipped devices such as gas water heaters and blacksmith forges as long as they are approved by the authority having jurisdiction.

**A-3-6.10** One duplex receptacle located between two stalls will adequately meet this requirement.

**A-3-7 Hot Water.** Heated water is required by trainers and grooms for care of the horses. Without the provision of permanently piped hot water, sundry devices, even though prohibited, will be used to heat the water. When planning such installations it is desirable to provide at least 2 gal of water per hr ( $2.103 \times 10^{-6} \text{ m}^3/\text{sec}$ ) at 140°F (60°C) for each stabled horse.

**A-4-3** Hydrant spacing requirements are more stringent than those specified in NFPA 24, *Standard for the Installation of Private Fire Service Mains and Their Appurtenances*, due to the difficulty of manipulating long lines in such congested areas.

Table A-2-1.1 Fire Resistance Requirements for Type I through Type V Construction

	Type I		Type II			Type III		Type IV	Type V	
	443	332	222	111	000	211	200	2HH	111	000
<b>EXTERIOR BEARING WALLS—</b>										
Supporting more than one floor, columns, or other bearing walls.	4	3	2	1	0 <sup>1</sup>	2	2	2	1	0 <sup>1</sup>
Supporting one floor only .....	4	3	2	1	0 <sup>1</sup>	2	2	2	1	0 <sup>1</sup>
Supporting a roof only .....	4	3	1	1	0 <sup>1</sup>	2	2	2	1	0 <sup>1</sup>
<b>INTERIOR BEARING WALLS—</b>										
Supporting more than one floor, columns, or other bearing walls.	4	3	2	1	0	1	0	2	1	0
Supporting one floor only .....	3	2	2	1	0	1	0	1	1	0
Supporting a roof only .....	3	2	1	1	0	1	0	1	1	0
<b>COLUMNS—</b>										
Supporting more than one floor, bearing walls, or other columns.	4	3	2	1	0	1	0	H <sup>2</sup>	1	0
Supporting one floor only .....	3	2	2	1	0	1	0	H <sup>2</sup>	1	0
Supporting a roof only .....	3	2	1	1	0	1	0	H <sup>2</sup>	1	0
<b>BEAMS, GIRDERS, TRUSSES, &amp; ARCHES—</b>										
Supporting more than one floor, bearing walls, or columns .....	4	3	2	1	0	1	0	H <sup>2</sup>	1	0
Supporting one floor only .....	3	2	2	1	0	1	0	H <sup>2</sup>	1	0
Supporting a roof only .....	3	2	1	1	0	1	0	H <sup>2</sup>	1	0
<b>FLOOR CONSTRUCTION .....</b>	3	2	2	1	0	1	0	H <sup>2</sup>	1	0
<b>ROOF CONSTRUCTION .....</b>	2	1½	1	1	0	1	0	H <sup>2</sup>	1	0
<b>EXTERIOR NONBEARING WALLS .....</b>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>	0 <sup>1</sup>

**Bold Face:** Those members listed that are permitted to be of approved combustible material.

<sup>1</sup> Requirements for fire resistance of exterior walls, the provision of spandrel wall sections, and the limitation or protection of wall openings are not related to construction type. They need to be specified in other standards and codes, where appropriate, and may be required in addition to the requirements of this standard for the construction type.

<sup>2</sup> "H" indicates heavy timber members; see NFPA 220, *Standard on Types of Building Construction*, for requirements.

## Appendix B Referenced Publications.

**B-1** The following documents or portions thereof are referenced within this standard for informational purposes only and thus should not be considered part of the requirements of this document. The edition indicated for each reference is the current edition as of the date of the NFPA issuance of this document.

**B-1.1 NFPA Publications.** National Fire Protection Association, 1 Batterymarch Park, P.O. Box 9101, Quincy, MA 02269-9101.

NFPA 13A, *Recommended Practice for the Inspection, Testing and Maintenance of Sprinkler Systems*, 1987 edition

NFPA 24, *Standard for the Installation of Private Fire Service Mains and Their Appurtenances*, 1987 edition

NFPA 80, *Standard for Fire Doors and Windows*, 1990 edition

NFPA 80A, *Recommended Practice for Protection of Buildings from Exterior Fire Exposures*, 1987 edition

NFPA 101, *Life Safety Code*, 1991 edition

NFPA 102, *Standard for Assembly Seating, Tents and Membrane Structures*, 1986 edition

NFPA 220, *Standard on Types of Building Construction*, 1985 edition

# Index

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## **SUBMITTING PROPOSALS ON NFPA TECHNICAL COMMITTEE DOCUMENTS**

**Contact NFPA Standards Administration for final date for receipt of proposals  
on a specific document.**

### **INSTRUCTIONS**

**Please use the forms which follow for submitting proposed amendments.  
Use a separate form for each proposal.**

1. For each document on which you are proposing amendment indicate:
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  - (b) The specific section or paragraph.
2. Check the box indicating whether or not this proposal recommends new text, revised text, or to delete text.
3. In the space identified as "Proposal" include the wording you propose as new or revised text, or indicate if you wish to delete text.
4. In the space titled "Statement of Problem and Substantiation for Proposal" state the problem which will be resolved by your recommendation and give the specific reason for your proposal including copies of tests, research papers, fire experience, etc. If a statement is more than 200 words in length, the technical committee is authorized to abstract it for the Technical Committee Report.
5. Check the box indicating whether or not this proposal is original material, and if it is not, indicate source.
6. If supplementary material (photographs, diagrams, reports, etc.) is included, you may be required to submit sufficient copies for all members and alternates of the technical committee.
7. Type or print legibly in black ink.

**NOTE:** The NFPA Regulations Governing Committee Projects in Paragraph 10-10 state: Each proposal shall be submitted to the Council Secretary and shall include:

- (a) identification of the submitter and his affiliation (Committee, organization, company) where appropriate, and
- (b) identification of the document, paragraph of the document to which the proposal is directed, and
- (c) a statement of the problem and substantiation for the proposal, and
- (d) proposed text of proposal, including the wording to be added, revised (and how revised), or deleted.

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Note: All proposals must be received by 5:00 p.m. E.S.T./E.S.D.T. on the published proposal closing date.

Date 5/18/85 Name John B. Smith Tel. No. 617-555-1212

Address 9 Seattle St., Seattle, WA 02255

Representing (Please indicate organization, company or self) Fire Marshals Assn. of North America

1. a) Document Title: Protective Signaling Systems NFPA No. & Year NFPA 72D

b) Section/Paragraph: 2-7.1 (Exception)

2. Proposal recommends: (Check one) ☐ new text  
☐ revised text  
☒ deleted text.

3. Proposal (include proposed new or revised wording, or identification of wording to be deleted):

Delete exception.

**FOR OFFICE USE ONLY**

Log #: \_\_\_\_\_

Date Rec'd: \_\_\_\_\_

Proposal #: \_\_\_\_\_

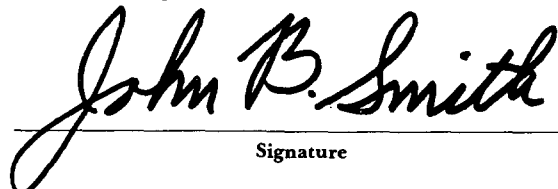
4. Statement of Problem and Substantiation for Proposal:

A properly installed and maintained system should be free of ground faults. The occurrence of one or more ground faults should be required to cause a "trouble" signal because it indicates a condition that could contribute to future malfunction of the system. Ground fault protection has been widely available on these systems for years and its cost is negligible. Requiring it on all systems will promote better installations, maintenance and reliability.

5. ☒ This Proposal is original material.  
☐ This Proposal is not original material; its source (if known) is as follows: \_\_\_\_\_

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