

PROPOSED CHANGE

NBC05-DivB-03.02.05.13.(01)-replace-FP-A_V2_ed.doc

MODIFICATION PROPOSÉE

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Comment

Commentaires

Document	NBC 2005	Document
Provision	A-3.2.5.13.(1)	Exigence
Committee	Fire Protection	Comité
Minutes	6.2.1. WG-Referenced Standards; 4.6.11. and 7.6.10.11. Standing Committee on FP Procès-verbaux	

EXISTING PROVISION

A-3.2.5.13.(1) Sprinkler System Design. In NFPA 13, "Installation of Sprinkler Systems," reference is made to other NFPA standards that contain additional sprinkler design criteria. These criteria apply to industrial occupancies with high fire loads, including warehouses with high piled storage, and industrial occupancies intended for the use, manufacture or storage of highly flammable materials. Therefore, while only NFPA 13 is called up directly by Sentence 3.2.5.13.(1), the additional criteria in the other NFPA standards are included automatically.

In some NFPA standards, certain aspects of sprinkler protection are dependent on the fire-resistance rating of the vertical structural members. In these cases, the sprinkler system design options can be affected by the fire-resistance rating of these elements. For example, in buildings used for the storage of rubber tires, sprinklers directed at the sides of a column are required if the column does not have the required fire-resistance rating.

Other NFPA standards may require that certain occupancies be sprinklered in conformance with NFPA 13, as in the case of some garages. These requirements do not supersede the requirements in the Code. An occupancy is required to be sprinklered only when this is specified in the Code, but when it is so required, it must be sprinklered in conformance with NFPA 13 and its referenced standards.

PROPOSED CHANGE

Replace Appendix Note A-3.2.5.13.(1) as follows:

Other Code Provisions Affected: None

A-3.2.5.13.(1) Sprinkler System Design. In NFPA 13, "Installation of Sprinkler Systems," reference is made to other NFPA standards that contain additional sprinkler design criteria. These criteria apply to industrial occupancies with high fire loads, ~~including warehouses with high piled storage,~~ and industrial occupancies intended for the use, manufacture or storage of highly flammable materials. Therefore, while only NFPA 13 is called up directly by Sentence 3.2.5.13.(1), the additional criteria in the other NFPA standards are included automatically.

In some NFPA standards, certain aspects of sprinkler protection are dependent on the fire-resistance rating of the vertical structural members. In these cases, the sprinkler system design options can be affected by the fire-resistance rating of these elements. For example, in buildings used for the storage of rubber tires, sprinklers directed at the sides of a column are required if the column does not have the required fire-resistance rating.

Other NFPA standards may require that certain occupancies be sprinklered in conformance with NFPA 13, as in the case of some garages. These requirements do not supersede the requirements in the Code. An occupancy is required to be sprinklered only when this is specified in the Code, but when it is so required, it must be sprinklered in conformance with NFPA 13 and its referenced standards.

RATIONALE

Problem

The 2007 edition of NFPA 13 now includes the design requirements for all storage applications, including high piled storage.

Justification - Explanation

Editorial. Clarification.

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Cost implications

None.

Enforcement implications

None.

Who is affected

Architects, builders, owners, regulators.

OBJECTIVE-BASED ANALYSIS OF NEW OR CHANGED PROVISION

Provision: A-3.2.5.13.(1)

Analysis: N/A

Attributions

Objective

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