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NZS 4541:2007 Automatic fire sprinkler systems

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Abbreviation

NZS 4541:2007

Amendment

Amendment 1 - incorporated. Published 13/07/2009.

Valid from

06/12/2007

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Description

This revised edition of NZS 4541 supersedes NZS 4541:2003. It provides rules for the design, installation and maintenance of sprinkler systems in order that such systems reliably achieve their fire control function. That function is twofold; first, the fire must be controlled within a specified area and secondly, control should be achieved before levels of toxic or irrespirable products of combustion become life-threatening.

Scope

This Standard is an integrated set of rules for the design, performance, installation and maintenance of automatic fire sprinkler systems in buildings or structures or in firecells which form part of a building.

For assistance with locating previous versions, please contact the information provider.

Notes/comments

This Standard has been replaced by NZS 4541:2013. However this Standard remains current.

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- [C/AS1 \(First Edition\)](#)

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- [C/AS1 \(Amendment 1, Errata 1\)](#)

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9.12(A) – Design Criteria For Category 1: Rack Storage Height Up To 7.6 M, Without Solid Shelves

9.12(B) – Design Criteria For Category 1: Rack Storage Height Up To 7.6 M,

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9.12(C) – Design Criteria For Category 1: Rack Storage Height Up To 7.6 M, Solid Shelves Greater Than 5.9 M2

9.12(D) – Design Criteria For Category 2: Rack Storage Height Up To 7.6 M, Without Solid Shelves

9.12(E) – Design Criteria For Category 2: Rack Storage Height Up To 7.6 M, Solid Shelves 1.9 To 5.9 M2

9.12(F) – Design Criteria For Category 2: Rack Storage Height Up To 7.6 M, Solid Shelves Greater Than 5.9 M2

9.12(G) – Design Criteria For Category 3: Rack Storage Height Up To 7.6 M, Without Solid Shelves

9.12(H) – Design Criteria For Category 3: Rack Storage Height Up To 7.6 M, Solid Shelves 1.9 To 5.9 M2

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9.12(J) – Design Criteria For Category 4: Rack Storage Height Up To 7.6 M, Without Solid Shelves

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9.12(N) – Design Criteria For Category 5: Rack Storage Height Up To 7.6 M, Solid Shelves 1.9 To 5.9 M2

9.12(O) – Design Criteria For Category 5: Rack Storage Height Up To 7.6 M, Solid Shelves greater Than 5.9 M2

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9.12(Q) – Design Criteria For Category 6: Rack Storage Height Up To 7.6 M, Solid Shelves 1.9 To 5.9 M²

9.12(R) – Design Criteria For Category 6: Rack Storage Height Up To 7.6 M, Solid Shelves greater Than 5.9 M²

9.13(A) – Design Criteria For Categories 1 To 6: Rack Storage Height Greater Than 7.6 M, Single Row Rack Without Solid Shelves, Aisle Width Not less Than 1.2 M And Rack Depth Up To 2.7 M

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9.13(C) – Design Criteria For Categories 1 To 5: Rack Storage Height Greater Than 7.6 M, Double Row Rack Without Solid Shelves, Aisle Width Not less Than 1.2 M And Rack Depth Greater Than 2.7 M

9.13(D) – Design Criteria For Categories 1 To 5: Rack Storage Height Greater Than 7.6 M, Multiple Row Rack Without Solid Shelves Or single/Double Row Rack Without Solid Shelves And Aisle Width Less Than 1.2 M

9.13(E) – Design Criteria For Category 6: Rack Storage Height Greater Than 7.6 M, Double row Rack With Aisle Width Not Less Than 1.2 M

9.13(F) – Design Criteria For Category 6: Rack Storage Height Greater Than 7.6 M, Multiple row Rack Or Single/Double Row Rack And Aisle Width Less Than 1.2 M

9.14(A) – On-Side Storage In Permanent Tyre Racks Or Partially Loaded Portable Tyre Racks, Without Solid Shelves

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9.17(M) – Heavyweight Roll Paper, Stored-On-End, Closed Array, Unbanded/Banded

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9.17(O) – Heavyweight Roll Paper, Stored-On-End, Open Array, Banded

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9.23(D) – Rack Storage Height Greater Than 7.6 M– Categories 1 To 5: Multiple Row Rack Without Solid Shelves Or Single/Double Row Rack Without solid Shelves And Aisle Width Less Than 1.2 M

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