

PROPOSED CHANGE

MODIFICATION PROPOSÉE

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Comment

Commentaires

Document	NBC 2005	Document
Provision	3.4.3.2.(8); Tables 3.4.3.2.A. and B.-add 2010	Exigence
Committee	Fire Protection • Protection contre le feu Use and Egress • Usage et des moyens d'évacuation des bâtiments Housing and Small Buildings • Maisons et petits bâtiments	Comité
Minutes	2005-2 and 2005-3 TG-Residential Care Facilities 4.6.7. Standing Committee on FP 5.6.6. Standing Committee on UE and 2005-05 Standing Committee on HSB	Procès-verbaux

EXISTING PROVISION

3.4.3.2. Exit Width

- 8)** The width of an *exit* shall be not less than
 - a) 1 100 mm for corridors and passageways,
 - b) 1 100 mm for ramps not serving patients' sleeping rooms,
 - c) 1 100 mm for stairs, not serving patients' sleeping rooms, that serve more than two *storeys* above the lowest *exit level* or more than one *storey* below the lowest *exit level*,
 - d) 900 mm for stairs, not serving patients' sleeping rooms, that serve not more than two *storeys* above the lowest *exit level* or not more than one *storey* below the lowest *exit level*,
 - e) 1 650 mm for stairs and ramps serving patients' sleeping rooms,
 - f) 1 050 mm for doorways serving patients' sleeping rooms, and
 - g) 800 mm for doorways not serving patients' sleeping rooms.

PROPOSED CHANGE as submitted for Public Review in 2008

Replace Sentence 3.4.3.2.(8) and Add new Tables 3.4.3.2.A. and 3.4.3.2.B. as follows:

Other Code Provisions Affected: None

3.4.3.2. Exit Width

- 8)** ~~The width of an~~ *Exit widths* shall be not less than the values given in Tables 3.4.3.2.A. and 3.4.3.2.B.
 - a) ~~1 100 mm for corridors and passageways,~~
 - b) ~~1 100 mm for ramps not serving patients' sleeping rooms,~~
 - c) ~~1 100 mm for stairs, not serving patients' sleeping rooms, that serve more than two storeys above the lowest exit level or more than one storey below the lowest exit level,~~
 - d) ~~900 mm for stairs, not serving patients' sleeping rooms, that serve not more than two storeys above the lowest exit level or not more than one storey below the lowest exit level,~~
 - e) ~~1 650 mm for stairs and ramps serving patients' sleeping rooms,~~
 - f) ~~1 050 mm for doorways serving patients' sleeping rooms, and~~
 - g) ~~800 mm for doorways not serving patients' sleeping rooms.~~

Table 3.4.3.2.A.

Minimum Widths of Exit Corridors, Passageways, Ramps, Stairs and Doorways
in Group A, Group B, Division 1, and Groups C, D, E and F Occupancies
Forming Part of Sentence 3.4.3.2.(8)

Occupancy Classification	Exit Corridors and Passageways, mm	Ramps, mm	Stairs, mm	Doorways, mm
Group A, Group B, Division 1, Group C, Group D, Group E, Group F	1 100	1 100	900 ⁽¹⁾ 1 100 ⁽²⁾	800

Notes to Table 3.2.3.4.A.:

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- ⁽¹⁾ Serving not more than two *storeys* above the lowest *exit level* or not more than one *storey* below the lowest *exit level*.
- ⁽²⁾ Serving more than two *storeys* above the lowest *exit level* or more than one *storey* below the lowest *exit level*.

Table 3.4.3.2.B.
Minimum Widths of Exit Corridors, Passageways, Ramps, Stairs and Doorways
in Group B, Division 2 and Division 3 Occupancies
Forming Part of Sentence 3.4.3.2.(8)

Occupancy Classification	Exit Corridors and Passageways, mm	Ramps, mm		Stairs, mm		Doorways, mm	
		Not serving patients' or residents' sleeping rooms	Serving patients' or residents' sleeping rooms	Not serving patients' or residents' sleeping rooms	Serving patients' or residents' sleeping rooms	Not serving patients' or residents' sleeping rooms	Serving patients' or residents' sleeping rooms
Group B, Division 2	1 100	1 100	1 650	900 ⁽¹⁾ 1 100 ⁽²⁾	1 650	850	1 050
Group B, Division 3 where residents are incapable of self-preservation	1 100	1 100	1 650	900 ⁽¹⁾ 1 100 ⁽²⁾	1 650	850	850
where residents are capable of self-preservation	1 100	1 100	1 100	900 ⁽¹⁾ 1 100 ⁽²⁾	900 ⁽¹⁾ 1 100 ⁽²⁾	850	850

Notes to Table 3.4.3.2.B.:

- ⁽¹⁾ Serving not more than two *storeys* above the lowest *exit level* or not more than one *storey* below the lowest *exit level*.
- ⁽²⁾ Serving more than two *storeys* above the lowest *exit level* or more than one *storey* below the lowest *exit level*.

PROPOSED CHANGE accepted and then revised and re-submitted for Public Review in 2009

Replace Table 3.4.3.2.B. as follows:

Other Code Provisions Affected: None

3.4.3.2. Exit Width

- 8)** *Exit* widths shall be not less than the values given in Tables 3.4.3.2.A. and 3.4.3.2.B.

Table 3.4.3.2.A.
Minimum Widths of Exit Corridors, Passageways, Ramps, Stairs and Doorways
in Group A, Group B, Division 1, and Groups C, D, E and F Occupancies
Forming Part of Sentence 3.4.3.2.(8)

Occupancy Classification	Exit Corridors and Passageways, mm	Ramps, mm	Stairs, mm	Doorways, mm
Group A, Group B, Division 1, Group C, Group D, Group E, Group F	1 100	1 100	900 ⁽¹⁾ 1 100 ⁽²⁾	800

Notes to Table 3.2.3.4.A.:

- ⁽¹⁾ Serving not more than two *storeys* above the lowest *exit level* or not more than one *storey* below the lowest *exit level*.
- ⁽²⁾ Serving more than two *storeys* above the lowest *exit level* or more than one *storey* below the lowest *exit level*.

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Table 3.4.3.2.B.
Minimum Widths of Exit Corridors, Passageways, Ramps, Stairs and Doorways
in Group B, Division 2 and Division 3 Occupancies
Forming Part of Sentence 3.4.3.2.(8)

Occupancy Classification	Exit Corridors and Passageways, mm	Ramps, mm		Stairs, mm		Doorways, mm	
		Not serving patients' or residents' sleeping rooms <u>nor dwelling units</u> ⁽³⁾ of <u>care occupancy</u>	Serving patients' or residents' sleeping rooms <u>or dwelling units</u> ⁽³⁾ of <u>care occupancy</u>	Not serving patients' or residents' sleeping rooms <u>nor dwelling units</u> ⁽³⁾ of <u>care occupancy</u>	Serving patients' or residents' sleeping rooms <u>or dwelling units</u> ⁽³⁾ of <u>care occupancy</u>	Not serving patients' or residents' sleeping rooms <u>nor dwelling units</u> ⁽³⁾ of <u>care occupancy</u>	Serving patients' or residents' sleeping rooms <u>or dwelling units</u> ⁽³⁾ of <u>care occupancy</u>
Group B, Division 2	1 100	1 100	1 650	900 ⁽¹⁾ 1 100 ⁽²⁾	1 650	850	1 050
Group B, Division 3 where residents are incapable of self-preservation	1 100	1 100	1 650 1 100	900 ⁽¹⁾ 1 100 ⁽²⁾	<u>1 100</u> ⁽¹⁾ 1 650 ⁽²⁾	850	850
where residents are capable of self-preservation	1 100	1 100	1 100	900 ⁽¹⁾ 1 100 ⁽²⁾	900 ⁽¹⁾ 1 100 ⁽²⁾	850	850

Notes to Table 3.4.3.2.B.:

⁽¹⁾ Serving not more than two *storeys* above the lowest *exit level* or not more than one *storey* below the lowest *exit level*.

⁽²⁾ Serving more than two *storeys* above the lowest *exit level* or more than one *storey* below the lowest *exit level*.

⁽³⁾ Minimum widths of ramps, stairs and doorways serving dwelling units do not apply to ramps, stairs and doorways within dwelling units.

RATIONALE

Problem

General Background

The provinces and territories, through the Provincial-Territorial Policy Advisory Committee on Codes, identified a number of priority tasks that they wished to have addressed in the 2005-2010 code development cycle. One of these was to review and update as needed the code requirements that apply to residential care facilities. Problems with regulating residential care facilities have been recognized for many years. The issue is becoming even more urgent because of demographic changes and the diverging efforts by provinces and territories to find a solution. Work was undertaken to begin to coordinate the national codes and the regulatory needs of the provinces and territories. This proposed change is one of a series that was developed to address the issue.

Editorial

Information provided in long sets of Clauses specifying different criteria for different applications is more difficult to grasp compared to the same information provided in a Table.

Technical – new classification not recognized

The proposed changes to address residential care facilities include the identification of a new B3 classification for care occupancies. The required level of performance in B3 occupancies is between those of B2 and C occupancies. The existing requirements do not recognize this.

Justification - Explanation

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The Task Group determined it was appropriate to develop a new Group B Div 3 classification. The approach taken was to review the provisions throughout the NBC and NFC related to Groups B-2, B-1 and C and modify, as they deemed appropriate based on the inherent risk to reflect the newly introduced B-3. During this process the TG also considered what other jurisdictions had developed related to care occupancies.

Editorial

The proposed change provides the minimum width criteria for different applications in a Table for easier access.

Technical – new classification not recognized

The proposed change recognizes that the required level of performance in B3 occupancies is between those of B2 and C occupancies. 850 mm was chosen as minimum doorway width for B3 occupancies to accommodate walkers, and assistants aiding occupants.

Cost implications

Where B2 requirements are currently being applied, this proposed change would allow doorways serving residents' sleeping rooms in B3 occupancies to be narrower where the residents are capable of self-preservation. Depending on the building layout, because the required width of corridors leading to these doors could also be narrower. It is not possible to identify definitive cost implications of the changes proposed to recognize the new B3, care, occupancy. Cost implications, whether increases or decreases, will depend on how individual authorities having jurisdiction are currently applying the Code's requirements to these occupancies.

Where compliance with B2 provisions is currently being required, application of proposed B3 provisions are intended, on the whole, to reduce cost. In the cases where compliance with Group C is currently being required, applying the Group B Div 3 care occupancy may increase cost.

Enforcement implications

Can be enforced within existing regulatory infrastructure.

Who is affected

Designers, builders, developers, regulatory officials, community service organizations.

OBJECTIVE-BASED ANALYSIS OF NEW OR CHANGED PROVISION

Provision: 3.4.3.2.(8)

Analysis: Unchanged

Attributions

Objective

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