

## PROPOSED CHANGE

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## MODIFICATION PROPOSÉE

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### Comment

### Commentaires

Document	NBC 2005 CNB	Document
Provision	9.9.11.1.(1)	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	TG Fire Alarm Tech Differences 2005-02-7.1 TG Residential Care Facilities 2005-2, 2005-3 FP 2005-04; UE 2005-04, HSB 2005-5.06.01	Procès-verbaux

### EXISTING PROVISION

## 9.9.11. Lighting

### 9.9.11.1. Application

1) This Subsection applies to the lighting of all *exits* except those serving not more than one *dwelling unit*.

### 9.9.11.2. Required Lighting in Egress Facilities

1) Every *exit*, *public corridor* or corridor providing *access to exit* for the public shall be equipped to provide illumination to an average level of not less than 50 lx at floor or tread level and at all points such as angles and intersections at changes of level where there are stairs or ramps.

### 9.9.11.3. Emergency Lighting

- 1) Emergency lighting shall be provided in
  - a) *exits*,
  - b) principal routes providing *access to exit* in an open *floor area*,
  - c) corridors used by the public,
  - d) underground *walkways*, and
  - e) *public corridors*.

### PROPOSED CHANGE as submitted for Public Review in 2008

Delete Article 9.9.11.1. and Insert new Clause 9.9.11.2.(1)(d) as follows:

Other Code Provisions Affected: Div. A. 1.3.3.2., 1.3.3.3.(1), Div. B. 3.1.2.5., 9.1.1.1.(2), 9.10.2.1., 9.10.2.2., 9.10.19.1., 9.10.20.5.

## 9.9.11. Lighting

### 9.9.11.1. Application

~~1) This Subsection applies to the lighting of all exits except those serving not more than one dwelling unit.~~

### 9.9.11.2.1. Required Lighting in Egress Facilities

1) Every *exit*, *public corridor*, or corridor providing *access to exit* for the public shall be equipped to provide illumination to an average level of not less than 50 lx at floor or tread level and at all points such as angles and intersections at changes of level where there are stairs or ramps.

### 9.9.11.3.2. Emergency Lighting

- 1) Emergency lighting shall be provided in
  - a) *exits*,
  - b) principal routes providing *access to exit* in an open *floor area*,

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- c) corridors used by the public,
- d) corridors serving sleeping rooms in care facilities.
- e) underground *walkways*, and
- f) *public corridors.*

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

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**Replace** Sentence 9.9.11.1.(1) as follows (Sentences 9.9.11.2.(1)-2005 and 9.9.11.3.(1)-2005 are not proposed to be changed from their current wording):

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**Other Code Provisions Affected:** Div. A. 1.3.3.2., 1.3.3.3.(1), Div. B. 3.1.2.5., 9.1.1.1.(2), 9.10.2.1., 9.10.2.2., 9.10.19.1., 9.10.20.5.

## 9.9.11. Lighting

### 9.9.11.1. Application

1) This Subsection applies to the lighting of all exits means of egress except those ~~servicing not more than one within~~ dwelling units.

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## RATIONALE

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### 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 up-date 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.

#### Technical

The current Sentences 3.1.2.5.(1) and (2) allow certain convalescent homes and children's custodial homes, and certain other care facilities, to be classified as residential occupancies. As such, the smaller of these buildings fall within the application of Part 9.

This intended application of Part 9 is reflected in Sentence 9.10.2.2.(1) [Section 9.10 addressing fire protection issues] but is not reflected in any other provisions in Part 9 or in the statement of application of Part 9 provided in Division A.

Consequently, there is confusion among some Code users with respect to the proper application of Part 9 requirements to these buildings.

Article 9.9.11.1. states that the Subsection applies to exits when it also applies to corridors and other routes providing access to exit.

### Justification - Explanation

#### General

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.

The proposed change to Division A Article 1.3.3.2. and the new Division A Clauses 1.3.3.3.(1)(a) and (b) state clearly that certain smaller convalescent homes and children's custodial homes, and certain other care facilities, can be designed and constructed according to Part 9.

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This related proposed change to Subsection 9.9.11., consistent with Articles 3.1.2.5., 3.2.7.1. and 3.2.7.3., makes clear how the Part 9 requirements for normal lighting and emergency lighting apply to these occupancies.

### Cost implications

#### General Background

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.

#### This Proposed Change

There should be no cost implications. Reduction in design and construction costs may be achieved by complying with the appropriate requirements of Part 9 rather than those of Part 3. Costs may increase if the intended application of the emergency lighting requirements per Sentence 3.1.2.5.(2) have not been followed. The proposed change, however, is essentially editorial as it reflects the current intended application of Article 3.1.2.5.

### Enforcement implications

Clarifies the application of Part 9 requirements to certain smaller convalescent homes and children's custodial homes, and certain other care facilities, and therefore facilitates proper interpretation and enforcement.

### Who is affected

Building code officials, designers and owners of small convalescent homes and children's custodial homes, and certain other care facilities.

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## OBJECTIVE BASED ANALYSIS OF NEW OR CHANGED PROVISION

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**Provision:** 9.9.11.1.(1)

**Analysis:**

**Attributions**

**Objective**

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