

PROPOSED CHANGE: Referenced Standards for Exit Signs

CHANGE NUMBER: 2018-BCBC-05-Exit Signs

CODE REFERENCE: 2012 British Columbia Building Code - Division B - Table 1.3.1.2.

DESCRIPTION OF THE PROPOSED AMENDMENT:

It is proposed to retain the 2012 British Columbia Building Code (BCBC) referenced standards for exit signs.

PROBLEM/GENERAL BACKGROUND:

The BCBC is based substantially on the model National Building Code of Canada (NBC). The NBC is updated about every five years and British Columbia adopts most of the NBC requirements into the next edition of the BCBC. The 2018 BCBC will be based on the 2015 NBC with some changes specific to British Columbia.

The NBC and BCBC reference two co-ordinated ISO standards for the design of exit signs: ISO 3864-1 and ISO 7010. The updated reference to the 2011 version of ISO 3864-1, in the 2015 NBC, is not valid as this standard no longer contains the directional arrows noted in Clause 3.4.5.1.(1)(c) of the NBC and BCBC. It is proposed to maintain the previous versions of these two standards, which are co-ordinated and contain the correct requirements.

The 2011 versions of these referenced standards will be reconsidered for adoption in the BCBC once a solution is available.

The code language shown below is the proposed final code language that will appear in the 2018 BCBC. Comments submitted should focus on the changes noted.

2018 PROPOSED BRITISH COLUMBIA CODE LANGUAGE (~~Deleted text~~ / Added text):

3.4.5.1. Exit Signs

<p align="center">Table 1.3.1.2 Documents Referenced in the <Book I (General) of the British Columbia Building Code 2012> Forming part of Sentence 1.3.1.2.(1)</p>			
Issuing Agency	Document Number	Title of Document	Code Reference
ISO	3864-1:2002*	<Graphical symbols – Safety colours and safety signs – Part 1: Design principles for safety signs and safety markings>	3.4.5.1.(2) 9.9.11.3.(2)
ISO	7010:2003*	<Graphical symbols – Safety colours and safety signs – Registered safety signs>	3.4.5.1.(2) 9.9.11.3.(2)

* No changes: This proposal would maintain the current referenced standards in the British Columbia Building Code, rather than requiring the 2011 standards referenced in the 2015 National Building Code.

RATIONALE FOR CHANGE:

Exit signs are required to conform to the above noted standards. Though the 2015 NBC has changed to reference the 2011 version of both these standards, the change does not reflect the deletion of some relevant directional symbols from ISO 3864-1.

JUSTIFICATION/EXPLANATION:

Maintaining the current referenced standards will provide a clear and enforceable solution for the design and colour of exit signs.

Proposed Code Change