



Canadian Standards Association
Mississauga, Ontario
To the Part I Committee

Subject No. 3158

Chair: E. Zebedee

Date: March 22, 2005

Title: Flame Spread Requirements, Appendix B Note to Rule 2-128

Submitted by: D. Kendall of Carlon, Lamson & Sessions Inc., 25701 Science Park Drive, Cleveland, OH, 44122 **AND** J.K. Richardson of Ken Richardson Fie Technologies Inc., 891 Beauclaire Dr. Ottawa, ON, K1C 2J5 on December 19, 2003.

Proposal: Delete Appendix B Note to Rule 2-128 and substitute the following:

2-128 The flame spread requirements for totally enclosed nonmetallic raceways is located in Article 3.1.5.19 of the National Building Code of Canada. The National Building Code of Canada permits the use of totally enclosed nonmetallic raceways for wires and cables provided that the totally enclosed nonmetallic raceways do not exceed 175 mm in outside diameter, or equivalent cross-sectional area, and conform to the Test of Flame Propagation (Riser) in Section 3 of ULC/ORD-C2024. The marking on totally enclosed nonmetallic raceways to indicate compliance with the above flame test is "FT4".

Reasons for Request: The corresponding requirements for flame spread of nonmetallic raceways have changed slightly in the NBCC. (See Supporting Information) This proposed change reflect the change to the NBCC.

Supporting Information: Copy of NBCC Proposed Change to NBCC Sentence 3.1.5.19(1).

Chair's Comments: I agree with this proposal, while some may have seen mention of 120 mm in the Fourth Revisions and Errata of the NBCC I have been assured that the final wording will be 175 mm.

Chair's Comments: This subject has created a lot of comment and some valid concerns. While the simplest method to proceed with this proposal as noted by Ted Olechna is to only reference the relevant NBCC clause in the Appendix B Note it does not address the inclusion of an ORD when a Part II product standard is available.

Subcommittee Recommendation: I believe that we have consensus to accept the amended wording as submitted by Brian Haydon. The amended note in Appendix B will read:

2-128 The flame spread requirements for totally enclosed nonmetallic raceways is located in Article 3.1.5.19 of the National Building Code of Canada. The National Building Code of Canada permits the use of totally enclosed nonmetallic raceways

for wires and cables provided that the totally enclosed nonmetallic raceways do not exceed 175 mm in outside diameter, or equivalent cross-sectional area, and conform to the vertical flame test requirement specified in Clause 6.16 of CSA Standard C22.2 No. 211.0. The marking on totally enclosed nonmetallic raceways to indicate compliance with the above flame test is “FT4”.