

10 November 2017

STANDARDS BULLETIN 2017-18

NEW EDITION

Fourth Edition of CAN/ULC-S102.4:2017

STANDARD METHOD OF TEST FOR FIRE AND SMOKE CHARACTERISTICS OF ELECTRICAL WIRING, CABLES AND NON-METALLIC RACEWAYS

ULC Standards is pleased to announce the publication of the Fourth Edition of CAN/ULC-S102.4, Standard Method of Test for Fire and Smoke Characteristics of Electrical Wiring, Cables and Non-Metallic Raceways. This Standard has been approved by the ULC Standards Committee on Fire Tests and has been published under the date of September 2017.

This new edition includes an update to the Referenced Standards and moved this section within the normative body of the standard; additional Note to provide guidance on an optional verification test in addition to the calibration procedures; and removed requirements in relation to the use of a standard reference cable during the calibration procedure.

This test method is for use in determining values of flame propagation distance and smoke optical density for electrical and optical-fibre cables and non-metallic raceways that are to be installed in ducts, plenums, and other spaces used for environmental air. It is not intended for use with cables enclosed in metallic raceways in those spaces. This method also determines values of flame propagation distance and smoke optical density for electrical and optical-fibre cables with combustible jackets or sheathes, and non-metallic raceways to determine their acceptability for use in buildings of non-combustible construction.

Although this method utilizes similar test apparatus as in CAN/ULC-S102, Standard Method of Test for Surface Burning Characteristics of Building Material and Assemblies, changes have been made to the test furnace such that a test conducted in the apparatus used for this Standard shall not be considered identical or provide comparable results.

This test method does not cover the construction requirements for cables and non-metallic raceways or their electrical and other performance requirements.

If you require any additional information, please contact Mary Huras at (613) 755-2729 ext. 61425 or by email at Mary.Huras@ul.com.

This Standard can be ordered for \$230.00 CAD (Hardcopy) or \$205.00 CAD (PDF) from the ULC Standards website at <http://canada.ul.com/ulcstandards/>. Click on *Sales of ULC Standards Materials* for further details.

Yours truly,

ULC Standards



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