CAN/ULC-S130:2018 (R2023)

STANDARD METHOD OF TEST FOR IGNITION RESISTANCE OF LOOSE FILL INSULATION (CIGARETTE METHOD)

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Standard Method of Test for Ignition Resistance of Loose Fill Insulation (Cigarette Method), CAN/ULC-S130

Third Edition, Dated June 1, 2018

Summary of Topics

This revision of CAN/ULC-S130 dated August 1, 2023 is being issued to update the title page to reflect the reaffirmation of this Third Edition National Standard of Canada. No changes in requirements are involved.

Text that has been changed in any manner or impacted by ULSE's electronic publishing system is marked with a vertical line in the margin.

The requirements are substantially in accordance with Proposal(s) on this subject dated May 5, 2023.

PLEASE NOTE THAT CERTAIN CODES MAY REFER TO A SUPERSEDED VERSION OF THIS STANDARD. IN THOSE INSTANCES, THE RELEVANT VERSIONS ARE AVAILABLE FOR PURCHASE.

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PREFACE

This is the Third Edition of the Standard Method of Test for Ignition Resistance of Loose Fill Insulation (Cigarette Method), CAN/ULC-S130.

This Edition of the Standard was developed by the ULC Standards Task Group on Combustibility and has been formally approved by the ULC Standards Committee on Fire Tests.

This Standard has been developed in compliance with the requirements of SCC for accreditation of a Standards Development Organization.

Only metric SI units of measurement are used in this Standard. If a value for measurement is followed by a value in other units in parentheses, the second value may be approximate. The first stated value is the requirement.

In Canada, there are two official languages, English and French. All safety warnings must be in French and English. Attention is drawn to the possibility that some Canadian authorities may require additional markings and/or installation instructions to be in both official languages.

Attention is drawn to the possibility that some of the elements of this Canadian standard may be the subject of patent rights. ULC Standards shall not be held responsible for identifying any or all such patent rights.

Requests for interpretation of this Standard should be sent to ULC Standards. The requests should be worded in such a manner as to permit a “yes” or “no” answer based on the literal text of the requirement concerned.

This CAN/ULC-S130 Standard is under continuous maintenance, whereby each revision is approved in compliance with the requirements of SCC for accreditation of a Standards Development Organization. In the event that no revisions are issued for a period of four years from the date of publication, action to revise, reaffirm, or withdraw the standard shall be initiated.

Comments or proposals for revisions on any part of the Standard may be submitted at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at https://csds.ul.com.

This Standard is intended to be used for conformity assessment.

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1 SCOPE

1.1 This Standard applies to cellulose fibre loose fill thermal insulation suitable for indoor use in building construction within the temperature range of - 60 to 90 °C.

1.2 Insulation material conforming to this Standard is suitable for pouring by hand or for blowing through specially designed equipment. When so specified by the manufacturer, a particular product may be suitable for both methods of application.

2 REFERENCE PUBLICATIONS

2.1 The documents shown below are referenced in the text of this Standard. Unless otherwise stated elsewhere in this Standard such reference shall be considered to indicate the edition and/or revisions of the document available at the date on which the Committee approved this ULC Standard.

Document Published by National Institute of Standards and Technology (NIST)
Telephone: (301) 975-5627; Fax: (301) 963-2871
E-mail: inquiries@nist.gov
www.nist.gov

• NIST Technical Note 1627, Modification of ASTM E2187 for Measuring the Ignition Propensity of Conventional Cigarettes

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Documents Published by ULC Standards
Telephone: (613) 755-2729
www.ulc.ca/ulcstandards

• CAN/ULC-S703-09 (R2015), Standard for Cellulose Fibre Insulation for Buildings

3 SIGNIFICANCE

3.1 The test method described in this Standard is intended to determine the ignition of loose fill insulation under the prescribed test procedure.

4 GLOSSARY

NOTE: Terms used in this Standard are defined as follows:

4.1 CONDITIONING ASSEMBLY – A conditioning assembly constructed in accordance with the specifications shown in FIGURE 1.

4.2 GLASS ROD – A glass rod approximately 500 mm long with a diameter of 8 mm and a pointed, flame smoothed end.

4.3 HOLE CENTRING JIG – A hole centring jig made from stainless steel tube, constructed in accordance with the specifications shown in FIGURE 2.

4.4 HOT-WIRE ANEMOMETER – A hot-wire anemometer capable of measuring an air velocity of 0.5 m/s and greater with a precision of ± 0.01 m/s.

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