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ISO/TC 92/SC 1

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Reaction to fire tests — Ignitability of products subjected to direct impingement of flame —

Part 2:
Single-flame source test

Essais de réaction au feu — Allumabilité de produits soumis à l'incidence directe de la flamme — —

Partie 2: Essai à l'aide d'une source à flamme unique

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Foreword

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This document was prepared by Technical Committee ISO/TC 92, *Fire safety*, Subcommittee SC 1, *Fire initiation and growth,* in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 127, *Fire safety in buildings,* in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This fifth edition cancels and replaces the fourth edition (ISO 11925-2:2020), which has been technically revised.

The main changes are as follows:

— ~~Note~~note on the evaluation of the flame tip;

— ~~Revision~~revision of all figures.

A list of all parts in the ISO 11925 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

This fire test method has been developed to define reaction to fire performance of products. The method specifies a test for determining the ignitability of products by direct small-flame impingement under zero impressed irradiance using vertically oriented test specimens.

Although the method is designed to assess ignitability, this is addressed by measuring the spread of a small flame up the vertical surface of a specimen following application of a small flame to either the surface or edge of a specimen for either 15 s or 30 s. The determination of the production of flaming droplets/particles depends on whether the filter paper placed beneath the specimen ignites.

Details on the precision of the test method is given in Annex AAnnex A ~~(informative).~~

Details on testing not essentially flat end-use products is given in Annex BAnnex B ~~(normative).~~

Details on testing perforated end-use products is given in Annex CAnnex C ~~(normative).~~