

INTERNATIONAL STANDARD

NORME INTERNATIONALE



**Measurement of smoke density of cables burning under defined conditions –
Part 2: Test procedure and requirements**

**Mesure de la densité de fumées dégagées par des câbles brûlant dans des
conditions définies
Partie 2: Procédure d'essai et exigences**



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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**MEASUREMENT OF SMOKE DENSITY OF CABLES
BURNING UNDER DEFINED CONDITIONS –****Part 2: Test procedure and requirements**

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The technical content is therefore identical to the base edition and its amendment and has been prepared for user convenience. A vertical line in the margin shows where the base publication has been modified by amendment 1. Additions and deletions are displayed in red, with deletions being struck through.

International Standard IEC 61034-2 has been prepared by IEC technical committee 20: Electric cables.

The principal changes with respect to the previous edition are as follows:

- a) inclusion of cables down to 1 mm diameter;
- b) inclusion of non-circular cables;
- c) addition of guidance on testing cables above 80 mm diameter;
- d) delineation of elements of the test report;
- e) addition of guidance on the calculation for other parameters for fire safety engineering purposes;
- f) removal of minor differences with equivalent CENELEC work to allow parallel voting with that body.

It has the status of a group safety publication in accordance with IEC Guide 104.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

IEC 61034 consists of the following parts, under the general title *Measurement of smoke density of cables burning under defined conditions*,

Part 1 : Test apparatus

Part 2 : Test procedure and requirements

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