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Reaction-to-fire tests — Heat release, smoke production and mass loss rate —

Part 1: Heat release rate (cone calorimeter method) and smoke production rate (dynamic measurement)

Essais de réaction au feu — Débit calorifique, taux de dégagement de fumée et taux de perte de masse —

Partie 1: Débit calorifique (méthode au calorimètre à cône) et taux de dégagement de fumée (mesurage dynamique)



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Contents

	Page
Foreword	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Symbols	3
5 Principle	4
6 Apparatus	5
6.1 General.....	5
6.2 Cone-shaped radiant electrical heater.....	5
6.3 Radiation shield.....	5
6.4 Irradiance control.....	5
6.5 Weighing device.....	5
6.6 Specimen holder.....	6
6.7 Retainer frame.....	6
6.8 Exhaust gas system with flow measuring instrumentation.....	6
6.9 Gas sampling apparatus.....	6
6.10 Ignition circuit.....	7
6.11 Ignition timer.....	7
6.12 Oxygen analyser.....	7
6.13 Heat flux meters.....	7
6.14 Calibration burner.....	7
6.15 Data collection and analysis system.....	8
6.16 Optional side screens.....	8
6.17 Smoke obscuration measuring system.....	8
6.18 Smoke system thermocouple.....	8
6.19 Optical filters.....	8
7 Suitability of a product for testing	9
7.1 Surface characteristics.....	9
7.2 Asymmetrical products.....	9
7.3 Materials of short burning time.....	9
7.4 Composite specimens.....	9
7.5 Dimensionally unstable materials.....	9
7.6 Materials that require testing under compression.....	10
8 Specimen construction and preparation	10
8.1 Specimens.....	10
8.2 Conditioning of specimens.....	11
8.3 Preparation.....	11
8.3.1 Specimen wrapping.....	11
8.3.2 Specimen preparation.....	11
8.3.3 Preparing specimens of materials that require testing under compression.....	11
9 Test environment	12
10 Calibration	12
10.1 Preliminary calibrations.....	12
10.1.1 General.....	12
10.1.2 Irradiance control system response characteristics.....	12
10.1.3 Weighing device response time.....	12
10.1.4 Weighing device output drift.....	12
10.1.5 Oxygen analyser delay and response times.....	12
10.1.6 Oxygen analyser output noise and drift.....	13
10.1.7 Effect of side screens.....	13
10.2 Operating calibrations.....	14

This is a preview of "ISO 5660-1:2015". [Click here to purchase the full version from the ANSI store.](#)

10.2.1	General.....	14
10.2.2	Weighing device accuracy.....	14
10.2.3	Oxygen analyser.....	14
10.2.4	Heat release rate calibration.....	15
10.2.5	Heater calibration.....	15
10.3	Smoke meter calibration.....	15
10.3.1	Calibration with neutral density filters.....	15
10.3.2	Calibration before test.....	15
10.4	Less frequent calibrations.....	15
10.4.1	Operating heat flux meter calibration.....	15
10.4.2	Linearity of heat release rate measurements.....	15
10.4.3	Accuracy of calibration burner flow meter.....	16
11	Test procedure.....	16
11.1	General precautions.....	16
11.2	Initial preparation.....	16
11.3	Procedure.....	17
12	Calculations.....	18
12.1	General.....	18
12.2	Calibration constant for oxygen consumption analysis.....	18
12.3	Heat release rate.....	18
12.4	Exhaust duct flow rate.....	19
12.5	Mass loss rate.....	19
12.6	Smoke obscuration.....	20
13	Test report.....	20
Annex A (informative) Commentary and guidance notes for operators.....		31
Annex B (informative) Supplementary calculations — Normalization to the mass loss rate of the specific extinction area of specimen.....		36
Annex C (informative) Resolution, precision and bias.....		38
Annex D (informative) Mass loss rate and effective heat of combustion.....		44
Annex E (informative) Testing in the vertical orientation.....		45
Annex F (informative) Calibration of the working heat flux meter.....		48
Annex G (informative) Calculation of heat release with additional gas analysis.....		49
Annex H (informative) Calculation of Effective Critical Heat Flux for Ignition.....		53
Bibliography.....		54

This is a preview of "ISO 5660-1:2015". [Click here to purchase the full version from the ANSI store.](#)

Foreword

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 92, *Fire safety*, Subcommittee SC 1, *Fire initiation and growth*.

This third edition of ISO 5660-1 cancels and replaces ISO 5660-1:2002 (second edition) and ISO 5660-2:2002 (first edition), which have been technically revised and merged.

ISO 5660 consists of the following parts, under the general title *Reaction-to-fire tests — Heat release, smoke production and mass loss rate*:

- *Part 1: Heat release rate (cone calorimeter method) and smoke production rate (dynamic measurement)*
- *Part 3: Guidance on measurement* [Technical Specification]

The following part is under preparation:

- *Part 4: Measurement of heat release for determination of low levels of combustibility.*

This corrected version of ISO 5660-1:2015 incorporates the following correction:

- Formula (4) has been corrected.