BS EN 50379-2:2012

BSI Standards Publication

Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances -

Part 2: Performance requirements for apparatus used in statutory inspections and assessment

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National foreword

This British Standard is the UK implementation of EN 50379-2:2012. It supersedes BS EN 50379-2:2004 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee EXL/31/1, Gas detectors.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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Compliance with a British Standard cannot confer immunity from legal obligations.

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NORME EUROPÉENNE

EUROPÄISCHE NORM

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English version

Specification for portable electrical apparatus designed to measure combustion flue gas parameters of heating appliances - Part 2: Performance requirements for apparatus used in statutory inspections and assessment

Spécification pour les appareils électriques portatifs conçus pour mesurer les paramètres des gaz de combustion dans les conduits d'évacuation des appareils de chauffage - Partie 2: Prescriptions des caractéristiques des appareils utilisés au cours des inspections et évaluations réglementaires

Anforderungen an tragbare elektrische Geräte zur Messung von Verbrennungsparametern von Heizungsanlagen - Teil 2: Anforderungen an das Betriebsverhalten von Geräten für den Einsatz bei gesetzlich geregelten Messungen und Beurteilungen

This European Standard was approved by CENELEC on 2012-03-19. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

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CENELEC

European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

Management Centre: Avenue Marnix 17, B - 1000 Brussels

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Foreword

This document (EN 50379-2:2012) has been prepared by CENELEC TC 216 "Gas detectors".

The following dates are fixed:

- latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2013-03-19
- latest date by which the national standards conflicting with this document have to be withdrawn (dow) 2015-03-19

This document supersedes EN 50379-2:2004.

EN 50379-2:2012 includes the following significant technical changes with respect to EN 50379-2:2004:

— 5.5.7 considers calibration curves for sensors with nonlinear signal;

— 5.5.8 considers influence of pressure variations;

— 5.5.9 considers the influence of water vapour on the gas signal;

— 5.7.2 for calculated values was amended;

— 5.7.4 considers 15 min. average concentration for solid fuels;

— 5.9.1 was amended to cover measurement at the circular orifice.

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