



BSI Standards Publication

Soft soldering fluxes - Test methods

Part 15: Copper corrosion test (ISO 9455-15:2017)

National foreword

This British Standard is the UK implementation of EN ISO 9455-15:2017. It is identical to ISO 9455-15:2017. It supersedes BS EN ISO 9455-15:2000, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee NFE/27, Tin, tin alloys, Solders and soldering fluxes.

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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Amendments/corrigenda issued since publication

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English Version

Soft soldering fluxes - Test methods - Part 15: Copper corrosion test (ISO 9455-15:2017)

Flux de brasage tendre - Méthodes d'essai - Partie 15:
Essai de corrosion du cuivre (ISO 9455-15:2017)

Flussmittel zum Weichlöten - Prüfverfahren - Teil 15:
Kupferkorrosionsprüfung (ISO 9455-15:2017)

This European Standard was approved by CEN on 8 September 2017.

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EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN ISO 9455-15:2017) has been prepared by Technical Committee ISO/TC 44 “Welding and allied processes” in collaboration with Technical Committee CEN/TC 121 “Welding and allied processes” the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by March 2018, and conflicting national standards shall be withdrawn at the latest by March 2018.

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

This document supersedes EN ISO 9455-15:1999.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

Endorsement notice

The text of ISO 9455-15:2017 has been approved by CEN as EN ISO 9455-15:2017 without any modification.

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 12, *Soldering materials*.

This second edition cancels and replaces the first edition (ISO 9455-15:1996), which has been technically revised.

The main changes compared to the previous edition are as follows:

- the use of lead-free solders has been included;
- the requirements for the apparatus have been updated;
- the test report has been updated;
- the figures in [Annex A](#) have been re-arranged;
- this document has been editorially revised.

A list of all parts in the ISO 9455 series can be found on the ISO website.

Requests for official interpretations of any aspect of this document should be directed to the Secretariat of ISO/TC 44/SC 12 via your national standards body. A complete listing of these bodies can be found at www.iso.org.