

Resistance welding — Welding current measurement for resistance welding —

Part 1: Guidelines for measurement

The European Standard EN ISO 17657-1:2007 has the status of a British Standard

ICS 25.160.10

National foreword

This British Standard is the UK implementation of EN ISO 17657-1:2007. It is identical with ISO 17657-1:2005.

The UK participation in its preparation was entrusted to Technical Committee WEE/29, Resistance welding.

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.

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

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resistance welding - Part 1: Guidelines for measurement (ISO
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Soudage par résistance - Mesurage des courants en
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This European Standard was approved by CEN on 19 May 2007.

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Management Centre: rue de Stassart, 36 B-1050 Brussels

Foreword

The text of ISO 17657-1:2005 has been prepared by Technical Committee ISO/TC 44 "Welding and allied processes" of the International Organization for Standardization (ISO) and has been taken over as EN ISO 17657-1:2007 by Technical Committee CEN/TC 121 "Welding", 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of an identical text or by endorsement, at the latest by December 2007, and conflicting national standards shall be withdrawn at the latest by December 2007.

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, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

Endorsement notice

The text of ISO 17657-1:2005 has been approved by CEN as a EN ISO 17657-1:2007 without any modification.

INTERNATIONAL STANDARD

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Resistance welding — Welding current measurement for resistance welding — Part 1: Guidelines for measurement

*Soudage par résistance — Mesurage des courants en soudage par
résistance —*

Partie 1: Lignes directrices pour le mesurage



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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

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

ISO 17657-1 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 6, *Resistance welding*.

ISO 17657 consists of the following parts, under the general title *Resistance welding — Welding current measurement for resistance welding*:

- *Part 1: Guidelines for measurement*
- *Part 2: Welding current meter with current sensing coil*
- *Part 3: Current sensing coil*
- *Part 4: Calibration system*
- *Part 5: Verification of welding current measuring system*