



**SLOVENSKI STANDARD
SIST EN ISO 8205-3:1999**

01-december-1999

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Water-cooled secondary connection cables for resistance welding - Part 3: Test requirements (ISO 8205-3:1993)

Wassergekühlte Sekundäranschlußkabel für das Widerstandsschweißen - Teil 3: Prüfanforderungen (ISO 8205-3:1993)

Câbles secondaires refroidis par eau, pour le soudage par résistance - Partie 3: Spécifications pour les essais (ISO 8205-3:1993)

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Ta slovenski standard je istoveten z: EN ISO 8205-3:1996

ICS:

25.160.30 Varilna oprema Welding equipment

SIST EN ISO 8205-3:1999 en

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EUROPEAN STANDARD

EN ISO 8205-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

November 1996

ICS 25.160.30

Descriptors: see ISO document

English version

**Water-cooled secondary connection cables for
resistance welding - Part 3: Test requirements
(ISO 8205-3:1993)**

Câbles secondaires refroidis par eau, pour le
soudage par résistance - Partie 3:
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This European Standard was approved by CEN on 1996-10-10. CEN 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 Central Secretariat or to any CEN member.

The European Standards exist in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

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

Central Secretariat: rue de Stassart, 36 B-1050 Brussels

Foreword

The text of the International Standard from Technical Committee ISO/TC 44 "Welding and allied processes" of the International Organization for Standardization (ISO) has been taken over as an European Standard by Technical Committee CEN/TC 121 "Welding", the secretariat of which is held by DS.

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 May 1997, and conflicting national standards shall be withdrawn at the latest by May 1997.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 8205-3:1993 has been approved by CEN as a European Standard without any modification.

NOTE: Normative references to International Standards are listed in annex ZA (normative).

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Annex ZA (normative)**Normative references to international publications
with their relevant European publications**

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN</u>	<u>Year</u>
ISO 8205-1	1993	Water-cooled secondary connection cables for resistance welding - Part 1: Dimensions and requirements for double-conductor connection cables	EN ISO 8205-1	1996
ISO 8205-2	1993	Water-cooled secondary connection cables for resistance welding - Part 2: Dimensions and requirements for single-conductor connection cables	EN ISO 8205-2	1996

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INTERNATIONAL
STANDARD

ISO
8205-3

First edition
1993-11-01

**Water-cooled secondary connection cables
for resistance welding —**

Part 3:
Test requirements
(standards.iteh.ai)

Câbles secondaires refroidis par eau, pour le soudage par résistance —
Partie 3. Spécifications pour les essais

<https://standards.iteh.ai/catalog/standards/sist/225073e4-1ce3-4d1d-9a4b-bcf7c8415186/sist-en-iso-8205-3-1999>



Reference number
ISO 8205-3:1993(E)

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.

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.

International Standard ISO 8205-3 was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Sub-Committee SC 6, *Resistance welding*.

ISO 8205 consists of the following parts, under the general title *Water-cooled secondary connection cables for resistance welding*:

- *Part 1: Dimensions and requirements for double-conductor connection cables*
- *Part 2: Dimensions and requirements for single-conductor connection cables*
- *Part 3: Test requirements*

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Water-cooled secondary connection cables for resistance welding —

Part 3: Test requirements

1 Scope

This part of ISO 8205 specifies test procedures for single- and double-conductor secondary connection cables used for resistance welding and allied processes. It stipulates the requirements regarding the electrical, mechanical and cooling characteristics of these cables.

maintain registers of currently valid International Standards.

ISO 8205-1:1993, *Water-cooled secondary connection cables for resistance welding — Part 1: Dimensions and requirements for double-conductor connection cables*.

ISO 8205-2:—¹⁾, *Water-cooled secondary connection cables for resistance welding — Part 2: Dimensions and requirements for single-conductor connection cables*.

2 Normative references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO 8205. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO 8205 are encouraged to investigate the possibility of applying the most recent editions of the standards indicated below. Members of IEC and ISO

3 Tests

All the tests are type tests.

Figure 1 gives an example of the water supply to the cable for tests requiring this.

When the tests are carried out, there shall be no trace of water at the various connections.

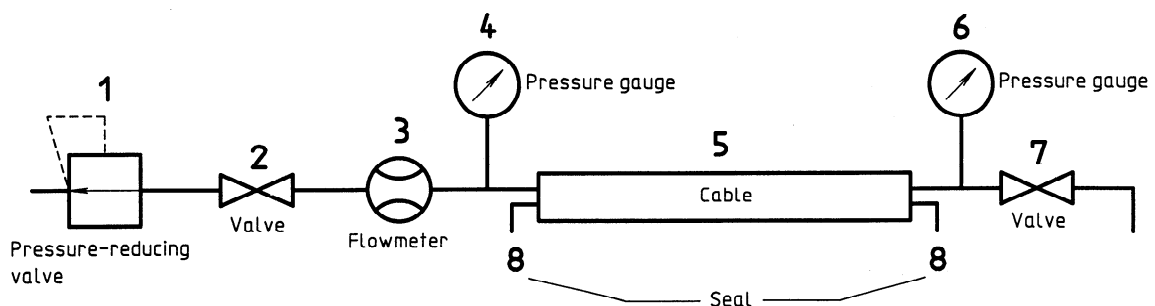


Figure 1 — Example of water supply to the cable

1) To be published.