

**Water-cooled secondary connection cables for  
resistance welding - Part 3: Test requirements (ISO  
8205-3:2012)**

## EESTI STANDARDI EESSÕNA

## NATIONAL FOREWORD

See Eesti standard EVS-EN ISO 8205-3:2012 sisaldab Euroopa standardi EN ISO 8205-3:2012 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 8205-3:2012 consists of the English text of the European standard EN ISO 8205-3:2012.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation.
Euroopa standardimisorganisatsioonid on teinud Euroopa standardi rahvuslikele liikmetele kättesaadavaks 15.10.2012.	Date of Availability of the European standard is 15.10.2012.
Standard on kättesaadav Eesti Standardikeskusest.	The standard is available from the Estonian Centre for Standardisation.

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English Version

## Water-cooled secondary connection cables for resistance welding - Part 3: Test requirements (ISO 8205-3:2012)

Câbles secondaires refroidis par eau, pour le soudage par résistance - Partie 3: Spécifications pour les essais (ISO 8205-3:2012)

Widerstandsschweißen - Wassergekühlte Sekundäranschlusskabel für das Widerstandsschweißen - Teil 3: Prüfanforderungen (ISO 8205-3:2012)

This European Standard was approved by CEN on 14 October 2012.

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## Foreword

This document (EN ISO 8205-3:2012) has been prepared by Technical Committee ISO/TC 44 "Welding and allied processes" in collaboration with 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of an identical text or by endorsement, at the latest by April 2013, and conflicting national standards shall be withdrawn at the latest by April 2013.

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This document supersedes EN ISO 8205-3:1996.

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### Endorsement notice

The text of ISO 8205-3:2012 has been approved by CEN as a EN ISO 8205-3:2012 without any modification.

# 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.

### 2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

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

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

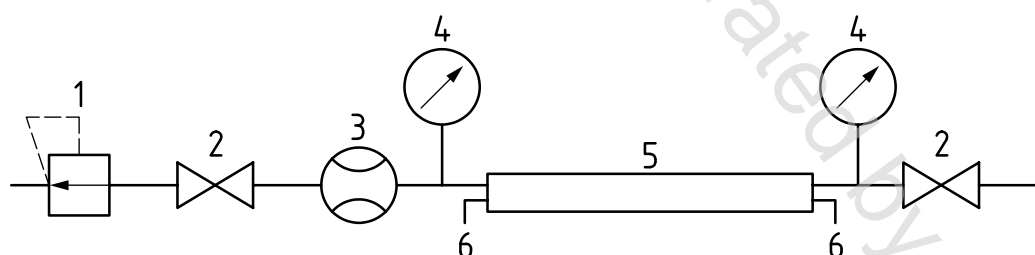
### 3 Tests

#### 3.1 General

All the tests are type tests.

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

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



#### Key

- |                           |                  |
|---------------------------|------------------|
| 1 pressure reducing valve | 4 pressure gauge |
| 2 valve                   | 5 cable          |
| 3 flow meter              | 6 seal           |

Figure 1 — Example of water supply to the cable