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**Kabli z gumijasto izolacijo za naznačene napetosti do vključno 450/750 V – 6.  
del: Kabli za obločno varjenje**

Cables of rated voltages up to and including 450/750 V and having cross-linked insulation – Part 6: Arc welding cables

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[SIST HD 22.6 S2:1998/A2:2004](https://standards.iteh.ai/catalog/standards/sist/b1cbe4ab-9d83-435d-970e-be74f27d48ee/sist-hd-22-6-s2-1998-a2-2004)  
[https://standards.iteh.ai/catalog/standards/sist/b1cbe4ab-9d83-435d-970e-  
be74f27d48ee/sist-hd-22-6-s2-1998-a2-2004](https://standards.iteh.ai/catalog/standards/sist/b1cbe4ab-9d83-435d-970e-be74f27d48ee/sist-hd-22-6-s2-1998-a2-2004)

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HARMONIZATION DOCUMENT

**HD 22.6 S2/A2**

DOCUMENT D'HARMONISATION

HARMONISIERUNGSDOKUMENT

March 2004

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ICS 29.060.20

English version

**Cables of rated voltages up to and including 450/750 V  
and having cross-linked insulation  
Part 6: Arc welding cables**

Conducteurs et câbles isolés  
avec des matériaux réticulés de tension  
assignée au plus égale à 450/750 V  
Partie 6: Câbles de soudage à l'arc

Starkstromleitungen mit vernetzter  
Isolierhülle für Nennspannungen  
bis 450/750 V  
Teil 6: Lichtbogenschweißleitungen

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This amendment A2 modifies the Harmonization Document HD 22.6 S2:1995; it was approved by CENELEC on 2004-02-01. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for implementation of this amendment on a national level.

Up-to-date lists and bibliographical references concerning such national implementation may be obtained on application to the Central Secretariat or to any CENELEC member.

This amendment exists in three official versions (English, French, German).

CENELEC members are the national electrotechnical committees of Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.

**CENELEC**

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

**Central Secretariat: rue de Stassart 35, B - 1050 Brussels**

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### Foreword

This amendment was prepared by the Technical Committee CENELEC TC 20, Electric cables, and agreed at the Kista meeting (May 2002) to go forward to the Unique Acceptance Procedure.

This amendment has been prepared within the regular maintenance programme which covers all parts of HD 22.

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as amendment A2 to HD 22.6 S2:1995 on 2004-02-01.

The following dates were fixed:

- latest date by which the existence of the amendment has to be announced at national level (doa) 2004-08-01
- latest date by which the amendment has to be implemented at national level by publication of a harmonized national standard or by endorsement (dop) 2005-02-01
- latest date by which the national standards conflicting with the amendment have to be withdrawn (dow) 2006-02-01

## iTeh STANDARD PREVIEW (standards.iteh.ai)

SIST HD 22.6 S2:1998/A2:2004

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**Title**

**Amend** the title to read:

Cables of rated voltages up to and including 450/750 V and having cross-linked insulation - Part 6: Arc welding cables

**1 Scope**

In paragraph 1, line 2 **delete** the word « industrial ».

**2.4 Tests**

**Add** a new paragraph:

Requirements for the static flexibility test (Ref. No. 4.1 of Table III) shall be as given in Table IV.

**Table III**

**Add** a new line for Ref. No. 7.3 as below:

1	2	3	4	5
Ref. No.	Tests	Category of test	Test method described in:	
			HD / EN	Clause
7.3	Impact test on cable at -20 °C	T	60811-1-4	8.5

**Table IV**

[SIST HD 22.6 S2:1998/A2:2004](https://standards.iteh.ai/catalog/standards/sist/b1cbe4ab-9d83-435d-970e-be74f27d48ee/sist-hd-22-6-s2-1998-a2-2004)

[https://standards.iteh.ai/catalog/standards/sist/b1cbe4ab-9d83-435d-970e-](https://standards.iteh.ai/catalog/standards/sist/b1cbe4ab-9d83-435d-970e-be74f27d48ee/sist-hd-22-6-s2-1998-a2-2004)

**Add** a new table as below: [be74f27d48ee/sist-hd-22-6-s2-1998-a2-2004](https://standards.iteh.ai/catalog/standards/sist/b1cbe4ab-9d83-435d-970e-be74f27d48ee/sist-hd-22-6-s2-1998-a2-2004)

**Table IV - Requirements for the static flexibility test**

Nominal cross-sectional area mm <sup>2</sup>	Maximum distance L' cm	
	Class D conductors	Class E conductors
	10	65
16	65	45
25	65	45
35	75	50
50	75	50
70	80	55
95	90	60
120	110	75
150	130	90
185	150	95