



NSAI
Standards

Irish Standard
I.S. EN 60974-11:2010

Arc welding equipment -- Part 11: Electrode holders (IEC 60974-11:2010 (EQV))

I.S. EN 60974-11:2010

Incorporating amendments/corrigenda issued since publication:

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SWiFT xxx: A rapidly developed recommendatory document based on the consensus of the participants of an NSAI workshop.

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|--|---|---|
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I.S. EN 60974-11:2010

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 60974-11

October 2010

ICS 25.160

Supersedes EN 60974-11:2004

English version

Arc welding equipment -
Part 11: Electrode holders
(IEC 60974-11:2010)

Matériel de soudage à l'arc -
Partie 11: Porte-électrodes
(CEI 60974-11:2010)

Lichtbogenschweißeinrichtungen -
Teil 11: Elektrodenhalter
(IEC 60974-11:2010)

This European Standard was approved by CENELEC on 2010-10-01. CENELEC 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 CENELEC member.

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

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

CENELEC

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

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Foreword

The text of document 26/421/FDIS, future edition 3 of IEC 60974-11, prepared by IEC TC 26, Electric welding, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 60974-11 on 2010-10-01.

This European Standard supersedes EN 60974-11:2004.

The significant changes with respect to EN 60974-11:2004 are the following:

- change of the environmental condition in accordance with EN 60974-1 (see Clause 4);
- change of electrical measuring instruments accuracy to Class 1 (see 5.1);
- correction of sphere diameter to 12,5 mm (see 8.1);
- alternative dielectric strength test (see 8.3).

This standard is to be used in conjunction with EN 60974-1.

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

The following dates were fixed:

- | | | |
|--|-------|------------|
| – latest date by which the EN has to be implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2011-07-01 |
| – latest date by which the national standards conflicting with the EN have to be withdrawn | (dow) | 2013-10-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 60974-11:2010 was approved by CENELEC as a European Standard without any modification.

Annex ZA

(normative)

Normative references to international publications with their corresponding European publications

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.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

| <u>Publication</u> | <u>Year</u> | <u>Title</u> | <u>EN/HD</u> | <u>Year</u> |
|--------------------|-------------|--|--------------|-------------|
| IEC 60050-151 | - | International Electrotechnical Vocabulary (IEV) - Part 151: Electrical and magnetic devices | - | - |
| IEC 60529 | - | Degrees of protection provided by enclosures (IP Code) | EN 60529 | - |
| IEC 60974-1 | - | Arc welding equipment - Part 1: Welding power sources | EN 60974-1 | - |

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CONTENTS

| | |
|---|-------|
| FOREWORD..... | 3 |
| 1 Scope..... | 5 |
| 2 Normative references | 5 |
| 3 Terms and definitions | 5 |
| 4 Environmental conditions..... | 6 |
| 5 Type tests | 6 |
| 5.1 Test conditions | 6 |
| 5.2 Tests sequence | 6 |
| 6 Designation | 7 |
| 7 Operation | 7 |
| 8 Protection against electric shock | 7 |
| 8.1 Protection against direct contact | 7 |
| 8.2 Insulation resistance | 8 |
| 8.3 Dielectric strength | 8 |
| 9 Thermal rating | 9 |
| 9.1 Temperature rise | 9 |
| 9.2 Resistance to heat | 9 |
| 9.3 Resistance to hot objects | 10 |
| 10 Mechanical requirements..... | 10 |
| 10.1 Welding cable entry..... | 10 |
| 10.2 Penetration of the welding cable insulation..... | 10 |
| 10.3 Welding cable connection..... | 11 |
| 10.4 Impact resistance | 11 |
| 11 Marking | 12 |
| 12 Instructions for use | 12 |
| Figure 1 – Arrangement for the temperature rise test | 9 |
| Figure 2 – Device for testing the resistance to hot objects | 10 |
| Figure 3 – Device for the pendulum swing test..... | 12 |
| Table 1 – Dimensional requirements for the electrode holder | 7 |

INTERNATIONAL ELECTROTECHNICAL COMMISSION

ARC WELDING EQUIPMENT –

Part 11: Electrode holders

FOREWORD

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International Standard IEC 60974-11 has been prepared by IEC technical committee 26: Electric welding.

This third edition cancels and replaces the second edition published in 2004. This edition constitutes a technical revision.

The significant changes with respect to the previous edition are the following:

- change of the environmental condition in accordance with IEC 60974-1 (see Clause 4);
- change of electrical measuring instruments accuracy to Class 1 (see 5.1);
- correction of sphere diameter to 12,5 mm (see 8.1);
- alternative dielectric strength test (see 8.3).

This part of IEC 60974 is to be used in conjunction with IEC 60974-1.

The text of this standard is based on the following documents:

| | |
|-------------|------------------|
| FDIS | Report on voting |
| 26/421/FDIS | 26/427/RVD |

Full information on the voting for the approval of this standard can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

A list of all parts of the IEC 60974 series, published under the general title *Arc welding equipment*, can be found on the IEC website.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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