# Arc welding equipment - Part 11: Electrode holders

**PROJECT NUMBER:**

IEC 60974-11 ED4

**DATE OF CIRCULATION:**

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2021-03-19

**SUPERSEDES DOCUMENTS:**

26/703/CDV, 26/712/RVC

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**IEC TC 26: ELECTRIC WELDING**

**SECRETARIAT:** Austria

**SECRETARY:** Mr Josef Feichtinger

**OF INTEREST TO THE FOLLOWING COMMITTEES:**

- EMC
- ENVIRONMENT
- QUALITY ASSURANCE
- SAFETY

**SUBMITTED FOR CENELEC PARALLEL VOTING**

Attention IEC-CENELEC parallel voting

The attention of IEC National Committees, members of CENELEC, is drawn to the fact that this Final Draft International Standard (FDIS) is submitted for parallel voting.

The CENELEC members are invited to vote through the CENELEC online voting system.

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Recipients of this document are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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**TITLE:**

Arc welding equipment - Part 11: Electrode holders

**PROPOSED STABILITY DATE:** 2023

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**NOTE FROM TC/SC OFFICERS:**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

ARC WELDING EQUIPMENT –

Part 11: Electrode holders

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

This fourth edition cancels and replaces the third edition, published in 2010. This edition constitutes a technical revision.

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

- Modify 3.6 type A to category A;
- Modify 3.7 type B to category B;
- Modify 8.1 to clarify reference to IEC 60529;
- Modification of 10.1 for clarification purposes;
- Added Bibliography.

This part of IEC 60974 is to be used in conjunction with IEC 60974-1.
The text of this International Standard is based on the following documents:

<table>
<thead>
<tr>
<th>FDIS</th>
<th>Report on voting</th>
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<tbody>
<tr>
<td>26/XX/FDIS</td>
<td>26/XX/RVD</td>
</tr>
</tbody>
</table>

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

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

In this standard, the following print types are used:

- conformity statements: in italic type.
- terms defined in Clause 3: in SMALL ROMAN CAPITALS.

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 document will remain unchanged until the stability date indicated on the IEC website under "http://webstore.iec.ch" in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.
ARC WELDING EQUIPMENT –
Part 11: Electrode holders

1 Scope

This part of IEC 60974 is applicable to ELECTRODE HOLDERS for manual metal arc welding with electrodes up to 10 mm in diameter.

It is not applicable to ELECTRODE HOLDERS for underwater welding.

This document specifies safety and performance requirements of ELECTRODE HOLDERS.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

IEC 60050-151:2001/AMD3:2019
IEC 60050-151:2001/AMD4:2020

IEC 60050-151, International Electrotechnical Vocabulary – Part 151: Electrical and magnetic

IEC 60529:1989, Degrees of protection provided by enclosures (IP Code)
IEC 60529:1989/AMD1:1999

IEC 60974-1:2017, Arc welding equipment – Part 1: Welding power sources
IEC 60974-1:2017/AMD1:2019