Draft for Public Comment

Form 36

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Responsible committee: WEE/36 Qualification of welding personnel and welding procedures

Interested committees:

Title: Draft BS EN ISO 18491 BS ISO 18491 Welding and allied processes - Measurement of arc energies.

Please notify the secretary if you are aware of any keywords that might assist in classifying or identifying the standard or if the content of this standard

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This draft is issued to allow comments from interested parties; all comments will be given consideration prior to publication. No acknowledgement will normally be sent. **See overleaf for information on the submission of comments.**

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Introduction

This draft standard is based on national and international discussions. Your comments on this draft are invited and will assist in the preparation of the consequent standard.

For international standards, comments will be reviewed by the relevant UK national committee before sending the consensus UK vote and comments to the international committee, which will then decide appropriate action. If the international standard is approved, it is usual for the text to be published as a British Standard.

For national standards, comments will be reviewed by the relevant UK national committee and the resulting standards published as a British Standard.

UK Vote

Please indicate whether you consider the UK should submit a negative (with supporting technical reasons) or positive vote on this draft. Please indicate if you are aware of any reason why this draft standard should not be published as a British Standard.

Submission of Comments

- **Annotated drafts are not acceptable and will be rejected.**
- All comments should be submitted online at **https://standardsdevelopment.bsigroup.com/**. You will need to register in order to comment.

Template for comments and secretariat observations

Date: xx/xx/20xx	Document: ISO/DIS xxxx

1	2	(3)	4	5	(6)	7
MB	Clause No./ Subclause No./Annex **(e.g. 3.1)**	Paragraph/ Figure/Table/Note	**Type of comment**	**Commend (justification for change) by the MB**	**Proposed change by the MB**	**Secretariat observations on each comment submitted**
	3.1	Definition 1	ed	Definition is ambiguous and needs clarifying.	Amend to read '...so that the mains connector to which no connection...'	
	6.4	Paragraph 2	te	The use of the UV photometer as an alternative cannot be supported as serious problems have been encountered in its use in the UK.	Delete reference to UV photometer.	

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DRAFT International Standard

ISO/DIS 18491

Welding and allied processes — Measurement of arc energies

Soudage et techniques connexes — Mesure des énergies de l'arc

ICS: 25.160.01

ISO/TC **44**/SC **10**

Secretariat: **DIN**

Voting begins on:
2025-04-09

Voting terminates on:
2025-07-02

This document is circulated as received from the committee secretariat.

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Foreword

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This document was prepared by Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 10, *Quality management in the field of welding*.

This second edition cancels and replaces the first edition (ISO/TR 18491:2015), which has been technically revised.

The main changes are as follows:

— update of normative references in Clause 2;

— update of vocabulary throughout this document in Clause 3 "Terms and defintions", Clause 4 "General", Clause 5 "Welding equipment and measuring devices", Clause 6 "Determination of arc energy", Clause 7 "Measurement parameters", Clause 8 " Calibration and validation of measuring instruments" and in Annex A "Range of power source types and measurement methods";

— addition of a new Annex B "Conversion factors";

— update of the Bibliography.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html. Official interpretations of ISO/TC 44 documents, where they exist, are available from this page: https://committee.iso.org/sites/tc44/home/interpretation.html.

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