



## भारतीय मानक ब्यूरो

उपभोक्ता मामले (खाद्य एवं सार्वजनिक वितरण मंत्रालय (भारत सरकार),  
**BUREAU OF INDIAN STANDARDS**  
Ministry of Consumer Affairs, Food & Public Distribution (Govt. of India)

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### व्यापक परिचालन में मसौदा

### प्रलेख प्रेषण संज्ञापन

संदर्भ	दिनांक
ईटीडी 21/ टी - 28	11 जून 2018

#### तकनीकी समिति ईटी 21

प्रेषती :

- ईटीडी 21 के सभी सदस्य
- विद्युत तकनीकी विभाग परिषद के सभी सदस्य तथा
- रूचि रखने वाले अन्य सभी निकाय

महोदय,

कृपया निम्नलिखित मसौदे की एक प्रति संलग्न है :

प्रलेख	शीर्षक
ईटीडी 21 (12692)	आर्क वेल्डिंग उपकरण: भाग 13 वेल्डिंग क्लैप

कृपया इस मसौदे का अवलोकन करें और अपनी सम्मतियाँ यह बताते हुए भेजें कि अंततः यदि ये मानक के रूप में प्रकाशित हो जाए तो इस पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयाँ आ सकती हैं।

**सम्मतियाँ भेजने की अंतिम तारीख: 10 अगस्त 2018 .**

सम्मतियाँ यदि कोई हो तो कृपया अगले पृष्ठ पर दिए पत्र में अधोहस्ताक्षरी को उपरिलिखित पते पर भेज दें।

यदि कोई सम्मति प्राप्त नहीं होती अथवा सम्मति में केवल भाषा संबंधी त्रुटि हुई तो उपरोक्त प्रलेख को यथावत अंतिम रूप दिया जाएगा। यदि कोई सम्मति तकनीकी प्रकृति की हुई तो विषय समिति के अध्यक्ष के परामर्श से अथवा उनकी इच्छा पर आगे की कार्यवाही के लिए विषय समिति को भेजे जाने के बाद प्रलेख को अंतिम रूप दे दिया जाएगा।

कृपया नोट करें कि मसौदे की तकनीकी विषय वस्तु को संलग्नित नहीं किया गया है क्योंकि ये मसौदे आई. ई. सी. मानकों के समरूप हैं। विस्तृत ब्यौरे के लिए कृपया संबंधित राष्ट्रीय प्राक्कथन में उल्लिखित आई. ई. सी. प्रकाशन पढ़ें अथवा अधोहस्ताक्षरित को संपर्क करें।

धन्यवाद,

भवदीय,

(राजीव शर्मा)

प्रमुख (ईटीडी)

ईमेल [etd21@bis.gov.in](mailto:etd21@bis.gov.in)

संलग्न: उपरोक्त



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**DRAFT IN WIDE  
CIRCULATION**

## DOCUMENT DESPATCH ADVICE

Reference	Date
ETD 21/ T- 28	11 June 2018

### TECHNICAL COMMITTEE ETD 21

#### ADDRESSED TO:

1. All Members of ETD 21
2. All Members of Electrotechnical Division Council; and
3. All other Interested.

Dear Sir(s),

Please find enclosed a copy of the following draft Indian Standard:

Doc No.	Title
ETD 21 (12692)	Arc welding equipment: Part 13 Welding clamp

Kindly examine the draft standards and forward your views stating any difficulties which you are likely to experience in your business or profession, if these are finally adopted as Indian Standards.

Comments, if any, may please be made in the format given overleaf and mailed to the undersigned.

Last date for comments : **10 August 2018.**

In case no comments are received or comments received are of editorial nature, you will kindly permit us to presume your approval for the above documents as finalized. However, in case of comments of technical in nature are received then it may be finalized either in consultation with the Chairman, Sectional Committee or referred to the Sectional Committee for further necessary action, if so desired by the Chairman, Sectional Committee.

**It may kindly be noted that the technical contents of the documents has not been enclosed as these are identical with the corresponding IEC standards. For details, please refer to the corresponding IEC publication as mentioned in the respective National Forewords or kindly contact the undersigned.**

Thanking you,

Yours faithfully

(Rajeev Sharma)  
Head (Electrotechnical)

Email: [etd21@bis.gov.in](mailto:etd21@bis.gov.in)

Encl : See attachment.

<b>Date</b>	<b>Document No.</b>
	ETD 21 (12692)

<b>Sl. No.</b>	<b>Name of the Organization</b>	<b>Clause/ Sub-Clause</b>	<b>Paragraph/ Figure/Table</b>	<b>Type of Comment (General/Editorial /Technical)</b>	<b>Comments</b>	<b>Proposed Change</b>

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**BUREAU OF INDIAN STANDARDS**  
**DRAFT FOR COMMENTS ONLY**

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*Draft Indian Standard*

**Arc welding equipment**  
**Part 13 Welding clamp**

Last date of receipt of comments is: **10 August 2018**

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Electric Welding Sectional Committee, ETD 21

**NATIONAL FOREWORD**

This Indian Standard (Part 13) which is identical with IEC 60974-13 : 2011 'Arc welding equipment - Part 13 : Welding clamp' issued by the International Electrotechnical Commission (IEC) was adopted by the Bureau of Indian Standards on recommendation of the Electric Welding Sectional Committee and approval of the Electrotechnical Division Council.

Other parts in this series are:

- Part 1 Welding power sources (*draft under circulation*)
- Part 2 Liquid cooling systems
- Part 3 Arc striking and stabilizing devices
- Part 4 Periodic inspection and testing
- Part 5 Wire feeders
- Part 6 Limited duty equipment
- Part 7 Torches (*draft under circulation*)
- Part 8 Gas Consoles for Welding and Plasma Cutting Systems
- Part 9 Installation and use (*draft under circulation*)
- Part 10 Electromagnetic Compatibility (EMC) Requirements
- Part 11 Electrode holders (*draft under circulation*)
- Part 12 Coupling devices for welding cables (*draft under circulation*)

The text of IEC Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
- b) Comma (,) has been used as a decimal marker while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, reference appears to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
IEC 60050-151 International Electrotechnical Vocabulary – Part 151: Electrical and magnetic devices	IS 1885 (Part 74) : 2012 International Electrotechnical Vocabulary: Part 151 Electrical and magnetic devices ( <i>first revision</i> )	Identical with IEC 60050-151 : 2001
IEC 60974-1, Arc welding equipment - Part 1: Welding power sources	ETD 21 : Doc (12677) Arc welding equipment: Part 1 Welding power sources ( <i>under circulation</i> )	Identical with IEC 60974-1 : 2017

Only the English language text has been retained while adopting in this Indian Standard, and as such the page numbers given here are not the same as in the IEC Publication.

The standard also makes a reference to the BIS Certification Marking of the product. Details of which are given in National Annex A.

For the purpose of deciding whether a particular requirement of this standard is complied with, the final value, observed or calculated expressing the result of a test or analysis, shall be rounded off in accordance with IS 2 : 1960 ‘Rules for rounding off numerical values (*revised*).’ The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

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**Note:** The technical content of the document has not been enclosed as these are identical with the corresponding IEC standards. For details, please refer the corresponding IEC 60974-1 : 2017 or kindly contact:

**Head**

**Electrotechnical Department**

Bureau of Indian Standards

9, B.S. Zafar Marg,

New Delhi-110002

email: eetd@bis.org.in

Telephone: 011-23231192

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**NATIONAL ANNEX A**  
*(National Foreword)*

**A-1 BIS CERTIFICATION MARKING**

The product may also be marked with the Standard Mark.

**A-1.1** The use of the Standard Mark is governed by the provisions of the *Bureau of Indian Standards Act, 1986* and the Rules and Regulations made thereunder. The details of conditions under which the license for use of the Standard Mark may be granted to manufacturers or producers may be obtained from the Bureau of Indian Standards.

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