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तार: मानकसंस्था  
Grams: Manaksanstha

व्यापक परिचालन मे मसौदा

प्रलेख प्रेषण संज्ञापन

संदर्भ

टी ई डी १८/ टी-86

दिनांक

13.07.2018

इनलैंड, हारबर क्राफ्ट और फिशिंग वेसल्स विषय समिति, टी ई डी १८

क) परिवहन इंजीनियरिंग विभाग परिषद (प इ वि प) के सभी सदस्यों को ।

ख) इनलैंड, हारबर क्राफ्ट और फिशिंग वेसल्स विषय समिति, टी ई डी १८ के सभी सदस्यों को ।

ग) अन्य सभी रुचि रखने वाले सभी निकाय ।

प्रिय महोदय/महोदया,

आपके अवलोकन हेतु निम्नलिखित प्रलेख संलग्न है:

प्रलेख संख्या	विषय
टी ई डी १८ (१२८९२)	छोटी नौका - पतवार निर्माण एवं स्कैंटलिंग - भाग 4: कार्यशाला एवं निर्माण (ISO 12215-4:2002 का अभिन्न अभिग्रहण)

प्रासंगिक आईएसओ विशिष्टता पर आधारित उपरोक्त दस्तावेज की तकनीकी सामग्री टी ई डी से अनुरोध पर प्राप्त किये जा सकते हैं ।

कृपया उपरोक्त मानक मसौदे का अवलोकन कर अपनी सम्मतिर्यो यह बताते हुए भेजे कि यदि अंततः यह भारतीय मानक के रूप में प्रकाशित हो जाए तो इस पर अमल करने में आपके व्यवसाय अथवा कारोबार में क्या कठिनाइयाँ आ सकती हैं ।

**सम्मतिर्यो भेजने की अंतिम तिथि : 15.09.2018**

सम्मतिर्यो यदि कोई हो, तो नीचे दिए गए प्रारूप में लिख कर, उपरिलिखित पते पर अधोहस्ताक्षरी को भेजें ।

यदि कोई सम्मति प्राप्त नहीं होती है अथवा सम्मति में केवल भाषा संबन्धी त्रुटि हुई तो उपरोक्त प्रलेख को यथावत अंतिम रूप दिया जायेगा । यदि कोई सम्मति तकनीकी प्रकृति की हुई तो विषय समिति के



**भारतीय मानक ब्यूरो**  
**BUREAU OF INDIAN STANDARDS**

मानक भवन, ९ बहादुरशाह ज़फर मार्ग, नई दिल्ली ११०००२  
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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 जायेगा ।

**आपसे अनुरोध है की संबंधित हितधारकों को यह प्रसार अवश्य करे जो इस ड्राफ्ट मसौदा पर जांच एवं टिप्पणी करने के लिए सक्षम है।**

यह प्रलेख भारतीय मानक ब्यूरो की वैबसाइट [www.bis.org.in](http://www.bis.org.in) पर भी उपलब्ध है ।

धन्यवाद,

भवदीय,

(आर आर सिंह)

वैज्ञानिक 'ई' एवं प्रमुख

(परिवहन इंजिनियरिंग विभाग)

प्रति : उपरिलिखित

**नोट : कृपया ध्यान दें कि यह मसौदा आपकी सम्मतियों हेतु हैं तथा इसका प्रयोग किसी अन्य उद्देश्य के लिए नहीं करे क्योंकि यह कॉपीराइट के तहत हैं ।**



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DRAFT IN WIDE  
CIRCULATION

DOCUMENT DISPATCH ADVICE

Our Ref:	Date
TED 18/ T- 86	13.07.2018

**INLAND, HARBOUR CRAFTS AND FISHING VESSELS SECTIONAL COMMITTEE, TED 18**

1. All members of Transport Engineering Division Council, TEDC.
2. All members of Inland, Harbour Crafts and Fishing Vessel Sectional Committee, TED18.
3. All others interested.

Dear Sir/Madam,

Please find enclosed the following document:

Doc No.	Title
TED 18 (12892 )W	Small craft -- Hull construction and scantlings -- Part 4: Workshop and manufacturing (Identical adoption of ISO 12215-4:2002)

The technical contents of the above document corresponding to relevant ISO specification can be obtained from TED on request.

Kindly examine this draft standard and forward your views stating any difficulties which you are likely to experience in your business or profession, if this is finally adopted as Indian Standard.

**Last date for comments: 15.09.2018**

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

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 document 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 is also requested to further disseminate this to other stakeholders concerned to enable them to examine this draft and send comments thereon, if any.**

The above document is also hosted on BIS website [www.bis.org.in](http://www.bis.org.in).



भारतीय मानक ब्यूरो  
BUREAU OF INDIAN STANDARDS

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Grams: Manaksanstha

Thanking you,

yours faithfully,

Encl: As above.

(R R Singh)  
Scientist 'E' & Head  
Transport Engineering Department

*Note: Please note that the document attached is for your comments only and shall not be used for any other purpose as it is under copy right*

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IS 16183 (Part 4) : \*\*\*\*  
/ISO 12215-4 : 2002  
Doc No. TED 18 (12892) W

**For Comments Only**

*भारतीय मानक मसौदा*

**छोटी नौका – पतवार निर्माण एवं स्कैंटलिंग – भाग ४ : कार्यशाला एवं निर्माण**  
(आई एस ओ १२२१५-४:२००२ का अधिग्रहण)

*Draft Indian Standard*

**SMALL CRAFT – HULL CONSTRUCTION AND SCANTLINGS – PART 4:  
WORKSHOP AND MANUFACTURING**

(Adoption of ISO 12215-4:2002)

ICS 47.080

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**Last date for receipt of  
comments is 15 September 2018**

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Inland Harbour Crafts and Fishing Vessels Sectional Committee, TED 18

**NATIONAL FOREWORD**

This draft Indian Standard which is identical with ISO 12215-4 : 2002 ‘Small craft – Hull construction and scantlings – Part 4: Workshop and Manufacturing’ issued by the International Organization for Standardization (ISO), shall be considered for adoption by the Bureau of Indian Standards, on the recommendation of the Inland, Harbour Crafts and Fishing Vessels Sectional Committee and after approval of the Transport Engineering Divisional Council.

This standard, IS 16183 has various parts under general title ‘Small craft – Hull construction and scantlings’. Other parts published in this series are:

Part 2 Materials: Core materials for sandwich construction, embedded materials

Part 3: Materials: Steel, aluminium alloys, wood, other materials

Further, the Committee has decided to formulate following new parts of IS 16183 which are under preparation:

Part 1 Materials: Thermosetting resins, glass-fibre reinforcement, reference laminate

Part 6: Structural arrangements and details

Part 8: Rudders

Part 9: Sailing craft appendages

The text of ISO Standard has been proposed to be approved as suitable for publication as an Indian Standard without deviations. Certain conventions and terminologies 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 the following 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 edition indicated:

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 8666 Small craft — Principal data	TED 18 (12890) Small craft — Principal data ( <i>under preparation</i> )	<i>Identical</i>
ISO 12215-1:2000 Small craft — Hull construction and scantlings — Part 1: Materials: Thermosetting resins, glass fibre reinforcement, reference laminate	TED 18 (915) Small craft — Hull construction and scantlings Part 1 Materials: Thermosetting resins, glass fibre reinforcement, reference laminate ( <i>under preparation</i> )	<i>Identical</i>
ISO 12215-3:2002 Small craft — Hull construction and scantlings — Part 3: Materials: Steel, Aluminium alloys, Wood, Other materials	IS 16183(Part 3) : 2014 Small craft — Hull construction and scantlings Part 3 Materials: Steel, Aluminium alloys, Wood, Other materials	<i>Identical</i>

Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights. The Bureau of Indian Standards shall not be held responsible for identifying any or all such patent rights.

## Scope

This part of the International Standard ISO 12215 specifies workshop conditions, material storage and handling, and requirements for the manufacturing of the craft. It applies, to small craft with a ( $L_H$ ) length according to ISO 8666 of up to 24 m.

This part of ISO 12215 does not cover health and safety requirements.

**NOTE** The underlying reason for preparing this part of ISO 12215 is that workshop conditions have a significant influence on the mechanical short- and long-term properties of recreational craft and that the scantling determination according to ISO 12215-5 is based on conditions that are appropriate for the material used as well as the manufacturing process applied.

**Note:** The technical content of the document has not been enclosed as this is identical with the corresponding ISO standard.

**‘FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 12215-4:2002  
or CONTACT:**

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