

केन्द्रीय मुहर विभाग -2

संदर्भ- : के.मु.वि.-2/16:13382

07 01 2019

विषय : आई एस 13382:2018 के अनुपालन के दिशा निर्देश

यह उपरोक्त विषय के संदर्भ में है ।

सक्षम अधिकारी द्वारा अनुमोदित दिशा निर्देश अनुपालन हेतु संलग्न है ।

सभी क्षेत्रीय/शाखा कार्यालयों से अनुरोध है की उपरोक्त दिशानिर्देशों का अनुपालन तत्काल प्रभाव से सुनिश्चित करें ।

(आदित्य दास)
वैज्ञानिक सी

प्रमुख (सीएमडी-2)

सभी क्षेत्रीय/शाखा कार्यालय/एमटीडी

प्रतिलिपि :

आई टी एस विभाग – बी आई एस इंटरनेट पर डालने हेतु

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 13382

07 01 2019

Subject: Guidelines for implementation of IS 13382:2018

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

All ROs/BOs are requested to ensure the implementation of the above Guidelines with immediate effect.

(Aditya Das)
Scientist C

Head (CMD-2)

All ROs/BOs/MTD

Copy to:

ITSD - for hosting on BIS Intranet.

CENTRAL MARKS DEPARTMENT 2

Our Ref: CMD 2/16: 13382

07 Jan-19

Subject: Guidelines for implementation of revised IS 13382: 2018 Cast Iron Specials for Mechanical and Push-on Flexible Joints for Pressure Pipes for Water, Gas and Sewage)

1. IS 13382:2004 has been revised as IS 13382:2018 and has been published. The last date for implementation of the revised Standard is **6 June 2019** after which the old Standard shall stand withdrawn.
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about implementation of the revised Standard.
3. The significant changes in the revised Standard as listed in the Table is given for the purpose of general guidance. BOs shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard.

Clause	Change
12, 13	Dimensions of spigot have been kept same as that of metric size ductile iron pipes and cast iron pipes, which are same throughout the world, so that these fittings can be used with pipes of all manufacturers. The design of socket, suitable for push-on joint and mechanical joint as offered by different manufacturers are different. The design of the socket of push on and mechanical joint have been omitted from this specification.
12, 13	The working dimensions of the fittings have been adopted in accordance with ISO 2531 : 2009.
-	The weights of castings depend mainly on the weight of socket which again depends on the type of joint that is, flanged joint, push-on joint, mechanical joint, and restrained joint etc. Hence, as per current international practice, all weights of individual castings are being withdrawn from the standard
12, 13	In order to minimize the number of separate patterns and core boxes for the socket and flanged fittings, the modern unified design has been adopted. In this design the main body of the casting has the same dimension for socket or flanged fittings, the patterns of sockets or flanges and similarly corresponding cores are attached to the main pattern or core to produce the castings. This greatly reduces the number of component parts of foundry tackle and at the same time extend the range of fittings made available
17	Type test for all flexible joints and flanged joints for cast iron fittings has been added. The performance of a type test is only required whenever there are significant changes in design which could adversely affect the

	performance of the joint.
18	Performance tests for leak tightness of joints to internal pressure, and Leak Tightness and Mechanical Resistance of Flanged Joints have been added

4. Consequent upon the issuance of the revised Standard, existing STI is being revised as Scheme of Inspection and Testing (SIT) and grouping guidelines are also being revised. These will be circulated shortly.

5. The guidelines for implementation of the revised Standard is given below:

A. Licensees:

- (i) All Licensees shall implement the revised Standard by **6 June 2019**. BOs shall ensure that no Licences are under operation as per the old Standard after **6 June 2019**.
- (ii) Licensees shall submit evidence of conformity to the additional/modified requirements through In-house/Independent Test Reports or Test Certificates, as applicable. Verification of additional facilities, if any, may be done during the next visit.
- (iii) If the Licensee fails to complete all actions by **6 June 2019** it shall be dealt with as per the prevailing guidelines.

B. Applications for Grant of Licence:

- (i) Existing Applications where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed as per the old Standard. However, if the Applicant is desirous of considering the Application as per the revised Standard, a declaration may be obtained from the Applicant to that effect and the Application may be processed accordingly. An undertaking shall also be obtained from such Applicants that if the sample fails while considering the provisions of the revised Standard, Licence will not be granted as per the old version.
- (ii) Applications which are recorded henceforth may be processed as per the old Standard or the revised Standard. Processing of Applications as per the old Standard shall be permitted only upto **6 May 2019** and for such cases Applicant shall give a declaration that they will implement the revised Standard by **6 June 2019**.
- (iii) Beyond **6 June 2019** no Licence shall be granted as per the old Standard.

C. Change in Scope of Licence:

- (i) For change in scope of licence, the relevant provisions as given above for Applicants shall apply.
- (ii) However, processing of such applications for change in scope of licence as per the old Standard shall be permitted only upto the date of implementation of the revised Standard or upto **6 June 2019** whichever is earlier.

6. The above guidelines come into force with immediate effect.

Aditya Das
Sc. C

Head (CMD 2)

All ROs/BOs