

केन्द्रीय मुहर विभाग -2

संदर्भ -: केमूवी-2/16:3989

28 05 2024

विषय: संशोधित **IS 3989:2024** के अनुपालन के दिशा निर्देश

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशानिर्देश अनुपालन हेतु संलग्न है।

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

**शिवम आहूजा**  
**वैज्ञानिक सी**

प्रमुख (केमूवी 2)

सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाएँ/**MTD/LPPD**

**CENTRAL MARKS DEPARTMENT-2**

Our Ref: CMD-2/16:3989

28 05 2024

**Subject: Guidelines for implementation of Revised IS 3989:2024**

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.

**(Shivam Ahuja)**  
**Scientist C**

**Head (CMD-2)**

**All ROs/BOs/Labs/MTD/LPPD**

## CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 3989

28 05 2024

### **Subject: Guidelines for implementation of Revised IS 3989:2024 (Centrifugally Cast (Spun) Iron Spigot and Socket Pipes, Fittings and Accessories-Specification)**

1. This has reference to the above.
2. IS 3989:2009 has been revised as IS 3989:2024 and the date of withdrawal of IS 3989:2009 is **08<sup>th</sup> August 2024**.
3. The significant changes in the revised Standard as listed in the Table are 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.

<b>Clause(s)</b>	<b>Change</b>
Title & Scope (Cl. 1)	Title of the standard has been revised to “Centrifugally Cast (Spun) Iron Spigot and Socket Pipes, Fittings and Accessories-Specification” from “Centrifugally cast (Spun) iron spigot and socket soil, waste, ventilating and rainwater pipes, fittings and accessories - Specification”.  Scope of the standard has been modified for better clarity amongst customers for its specific uses, scope and point of discharge.
2. References	Since, no manufacturer in India and abroad is using ductile iron for manufacturing of these pipes, fittings and accessories, hence IS 1865:1991 for iron castings with spheroidal or nodular graphite that is ‘ductile iron’ has been deleted from the references.
7. Sizes and Mass	Sizes and mass has been modified by deleting ‘mass’ and incorporating additional sizes of DN 250, DN 300 and DN 400 pipes, fittings and accessories. Accordingly, the related clauses have been modified suitably
8. Tolerances	Clause 8, Table 1 has been modified by replacing ‘dimensions of sockets and spigots of pipe’ with ‘dimensions of sockets and spigots of pipe and fittings’
4.1 Materials and Manufacture	Cast Iron used for the manufacture of Pipes, Fittings and Accessories shall conform to FG 150 grade (min), as specified in IS 210. Grade was not specified in the previous version
5. Hydrostatic test	Each pipe shall be tested at factory for Hydrostatic test. Test shall be carried out before the application of Surface coating by the manufacturer. However, in case of third party inspection of pipes and fittings, the test shall be carried out after the application of surface coating.
8. Tolerances	Tolerances on dimensions of fittings for the sizes 250mm, 300mm & 400mm added. Tolerance on Mass had been removed.

9. Coating	Clause has been modified by incorporating coating application and method of coating for more clarity on the subject and to avoid confusion. Minimum thickness of coating is specified to have proper protective surface coating for cast iron material. Also, retention period for sample was added which was missing earlier.
Table 7	Word 'Taper' is replaced with 'Reducer'

4. Consequent upon the issuance of the revised Standard, the existing product manual of IS 3989 has been revised which is being circulated separately.

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

**A. LICENSEES:**

i) All Licensees shall implement the revised Standard by **08<sup>th</sup> August 2024**. Any difficulty in implementation shall be brought to the notice of CMD 2 at the earliest but in any case at least 30 days before the last date of implementation. BOs shall ensure that no Licences are under operation as per old Standard after **08<sup>th</sup> August 2024**. **The status of implementation of the revised Standard shall be confirmed by Head (BO) to CMD-2 within two weeks of the last date of concurrent running.**

ii) Licensees shall submit in-house /independent test reports for the additional/modified requirements for switchover of the existing licence to revised IS 3989:2024.

iv) BOs shall plan an early surveillance visit for verification of the implementation of the revised standard preferably within 30 days of switchover by the licensee.

**B. APPLICATIONS FOR GRANT OF LICENCE:**

1. 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 in new test requirements, Licence will not be granted by BIS as per the old version.

2. 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 **07<sup>th</sup> August 2024** and for such cases Applicant shall give a declaration that they will implement the revised Standard by **08<sup>th</sup> August 2024**.

3. Beyond **08<sup>th</sup> August 2024** no Licence shall be granted as per the old Standard.

**C. CHANGE IN SCOPE OF LICENCE:**

1. For change in scope of licence, the relevant provisions as given above for Applicants shall apply.
2. However, processing of such applications for change in scope of licence as per the old Standard shall be permitted only up to the date of implementation of the revised Standard or up to **08<sup>th</sup> August 2024**, whichever is earlier.
3. The above guidelines come into force with immediate effect.

Shivam Ahuja  
Sc. C

**Head (CMD-2)**  
**DDG (Certification)**  
**ROs/BOs**