

सेंट्रल मार्क्स डिपार्टमेंट-2

हमारा संदर्भ: सीएमडी-2/16: 1536

13.10.2023

विषय: संशोधित आईएस 1536:2023 के कार्यान्वयन के लिए दिशानिर्देश

यह ऊपर वर्णित विषय के संदर्भ में है।

सक्षम प्राधिकारी ने कार्यान्वयन के लिए संलग्न दिशा-निर्देशों का अनुमोदन कर दिया है।

सभी आरओ/बीओ से अनुरोध है कि उपरोक्त दिशानिर्देशों का तत्काल प्रभाव से कार्यान्वयन सुनिश्चित करें।

**कन्नन गोविंदराज
वैज्ञानिक डी**

**प्रमुख (सीएमडी-2)
सभी आरओ/बीओ/लैब /MTD/LPPD**

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 1536

13 Oct 2023

Subject: Guidelines for implementation of Revised IS 1536:2023

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.

**Kannan Govindaraj
Scientist D**

Head (CMD-2)

All ROs/BOs/Labs/MTD/LPPD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 1536

13 Oct 2023

Subject: Guidelines for implementation of Revised IS 1536:2023 (Centrifugally Cast (Spun) Iron Pressure pipes for Water, Gas and Sewage)

1. IS 1536:2001 has been revised as IS 1536:2023 and has been published. The last date for implementation of the revised Standard is **19 December 2023** after which the old Standard shall stand withdrawn.
2. All BOs/FMCD shall inform the Applicants and Licensees under their jurisdiction about implementation of the revised Standard within a week of issuance of these guidelines.
3. The significant changes in the revised Standard as listed in the Table are given for the purpose of general guidance. BOs/FMCD shall ensure that the product conforms to all the requirements, as applicable, as per the revised Standard.

Clause(s)	Change
-	Amendments issued had been incorporated.
-	The lead joint pipes have been withdrawn as exposure to lead is detrimental to health.
Cl. 13 Sizes and Dimensions	The sizes ranges from 700 mm to 1 000 mm of centrifugally cast iron pipes with screwed on flanges have been introduced;
Cl. 13.5, Table-6- Dimensions of Socket and Spigot pipes	The maximum size reduced from 1 050 mm to 1 000 mm of the centrifugally cast iron pipes with sockets and spigots;
Cl. 12.1 & 12.2, Table-2- Hydrostatic test pressure for Centrifugally cast pipes with screwed on flanges	The hydrostatic test pressure increased from 1.6 MPa to 2.0 MPa of centrifugally cast iron pipes with screwed on flanges for size ranges from 350 mm to 600 mm;
Cl. 14.6, Table-11- Tolerance on flange drilling	Tolerances on bolt diameter from 34 mm to 37 mm of flanged drillings have been introduced
Cl. 6.2 Manufacture	The requirement of hardness value have been changed to 230 HBW
Cl. 12.1 & 12.2, Table-2- Hydrostatic test pressure for Centrifugally cast pipes with screwed on flanges	Class A screwed on flanged pipes have been reintroduced.

4. Consequent upon the issuance of the revised Standard, there are changes in Product Manual. The same is being circulated separately.
5. The guidelines for implementation of the revised Standard is given below:

A. LICENSEES:

1. Switchover of Existing Licences as per IS 1536:2001 to IS 1536:2023

a) On revision of IS 1536:2001 to IS 1536:2023, as mentioned above, Lead joint pipes had been withdrawn, Class A Screwed on flanged pipes had been reintroduced, The sizes ranges from 700 mm to 1 000 mm of centrifugally cast iron pipes with screwed on flanges have been introduced; Tolerances on bolt diameter from 34 mm to 37 mm of flanged drillings have been introduced.

b) BOs shall advise licensees to submit the following evidence of conformity for switchover to IS 1536:2023:-

i) In-house test reports/Independent Test reports for existing varieties tested as per IS 1536:2023 incorporating changes in hydrostatic pressure during hydrostatic testing and hardness value.

ii) Manufacturing of sizes beyond 1000mm for Centrifugally cast iron pipes with sockets and spigots is not permitted as the same had been removed from the IS.

c) BOs shall verify the documentary evidences submitted by the licensees for their compliance as per IS 1536:2023 and shall issue endorsement with regards to switchover and revised scope of licence (with regards to newly added grades, wherever applicable) as per IS 1536:2023.

d) Inclusion of the new grades shall be processed as per the existing Guidelines for Change in Scope of Licence as per CMD1 Circular ref: CMD-I/2:12:4 dated 13 May 2021.

2. All Licensees shall implement the revised Standard by **19.12.2023**. Any difficulty in implementation shall be brought to the notice of CMD-2 within 30 days from the date of issuance of this guidelines. BOs shall ensure that no Licences are under operation as per old Standard after **19 Dec 2023**. 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.

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

4. If the Licensee fails to complete all actions by **19 Dec 2023** it shall be dealt with as per the prevailing guidelines.

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 **18 Dec 2023** and for such cases Applicant shall give a declaration that they will implement the revised Standard by **19 Dec 2023**
3. Beyond **19 Dec 2023**, 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 **19 Dec 2023** whichever is earlier.
3. The above guidelines come into force with immediate effect.

Kannan Govindaraj
Scientist D

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