

**भारतीय मानक ब्यूरो
(केंद्रीय मुहर विभाग III)**

हमारा संदर्भ : सी एम डी - III/16 : 458

16 अप्रैल 2021

विषय : पुनरीक्षित आई एस 458:2021 के अनुपालन के लिए दिशानिर्देश ।

इसमें ऊपर उल्लिखित विषय का संदर्भ है।

सभी शाखा कार्यालय से आग्रह है कि गाइडलाईन का अनुपालन तत्काल प्रभाव से सुनिश्चित करें।

(ऐ के कअंर)
वैज्ञानिक-सी (सी एम् डी-III)

प्रमुख (सी एम डी- III)

सभी क्षेत्रीय /शाखा कार्यालय

**BUREAU OF INDIAN STANDARDS
(Central Marks Department-III)**

Our Ref: CMD-III/16 : 458

16 April 2021

Subject: Guidelines for implementation of revised IS 458:2021 - 'Precast Concrete Pipes (With and Without Reinforcement)'

This has reference to the subject mentioned above.

BOs may kindly ensure implementation of the guidelines with immediate effect.

(A K Kanar)
Sc-C (CMD-III)

Head (CMD-III)

Circulated to: All ROs/BOs

CENTRAL MARKS DEPARTMENT III

Our Ref: CMD-III/16 : 458

16 April 2021

Subject: Guidelines for implementation of revised IS 458:2021 - ‘Precast Concrete Pipes (With and Without Reinforcement)’

1. IS 458 : 2003 has been revised as IS 458 : 2021 and has been published. The last date for implementation of the revised Standard is **22 Dec 2021** after which the old Standard shall stand withdrawn.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 **within a week of issuance of these guidelines**.
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	Requirement
4	separate detailed classification for unreinforced and reinforced pipes has been given
6.4	Requirement of cover to reinforcement has been modified from durability consideration
8	Range of pipe sizes has been expanded as per the current practice
8	Separate tables have been provided for pipes made by spun and vertical cast process, for the design and strength test requirement
8	Requirement of quantity of steel reinforcement has been modified in the above tables as required
12	Marking requirements have been elaborated
Table 8	Strength test requirements have been modified for three edge bearing test
Table 9	Barrel wall thickness has been modified for various pipe IDs
10.2.2	New clause 10.2.2 has been added for checking dimensions of each pipe of Spigot and Socket as per clause 10 of IS 3597
7.4	Additional curing method (i.e. use of impermeable membrane as per IS 456) has been introduced
6.3	Note 3 to clause 6.3 is added where requirements of Table-20 has been made for guidance only

4. Consequent upon the issuance of the revised Standard, existing SIT in the Product Manual has been revised and included in the revised Product Manual Doc: **PM/IS 458/ 3/Apr 2021**.
5. The guidelines for implementation of the revised Standard is given below:

A. LICENSEES:

- (i) All Licensees shall implement the revised Standard by **22 Dec 2021**. BOs shall ensure that no Licences are under operation as per the old Standard after **22 Dec 2021**. **The status of implementation of the revised Standard shall be confirmed by Head (BO) to CMD-III within two weeks of the last date of concurrent running.**
- (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 implementation of the revised Standard, wherever required, may be done during the next visit, **which may normally be completed within six months of the last date of concurrent running.**
- (iii) If the Licensee fails to complete all actions by **22 Dec 2021**, 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 in new test requirements, Licence will not be granted by BIS 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 **22 Dec 2021** and for such cases, Applicant shall give a declaration that they will implement the revised Standard by **22 Dec 2021**.
- (iii) Beyond **22 Dec 2021** 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 **22 Dec 2021** whichever is earlier.
6. The above guidelines come into force with immediate effect.

A K Kanar
Sc-C, CMD-III

Head (CMD III)
DDG (Certification)

Circulated to: All ROs/BOs