

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

हमारा संदर्भ : सी एम डी - III/16 : 7231

22 मार्च 2022

विषय : पुनरीक्षित आई एस 7231:2021 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)

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सभी क्षेत्रीय /शाखा कार्यालय

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

Our Ref: CMD-III/16 : 7231

22 Mar 2021

Subject: Guidelines for implementation of revised IS 7231:2021 - 'Plastic Flushing Cisterns for Water Closets and Urinals'

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 : 7231

22 Mar 2021

Subject: Guidelines for implementation of revised IS 7231:2021 - ‘Plastic Flushing Cisterns for Water Closets and Urinals’

1. IS 7231:1994 has been revised as IS 7231:2021 and has been published. The last date for implementation of the revised Standard is **29 Sept 2022** after which the old Standard shall stand withdrawn.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
3.1	High level cisterns, which were intended to operate at a minimum height of 1250 mm between the top of the pan and the underside of the cistern, have been discontinued.
4	Materials for cistern accessories, such as flush pipe and coupling nut and lock-nut have been modified as per the current manufacturing practices. Those materials use of which have become obsolete, such as, lead tube/brass tube/steel tube/copper tube flush pipes have been deleted.
5.1.6	Dual-flush cisterns of capacity 10/5 litres have been withdrawn and cisterns of capacity 4.8/2.8 litres and 4/2 litres have been included.
1.2	Provisions on close-coupled cisterns which are dealt in IS 2556 (Part 8) : 2021 ‘Vitreous China sanitary appliances — Specification : Part 8 Specific requirements of close-coupled and one-piece pedestal washdown and syphonic water closets’ have been deleted (undertaking of not using close-coupled cistern under the licence shall be obtained)
5.2	Provisions for concealed cisterns have been added.
9.3	Endurance test criterion for cisterns has been modified to specify 30 000 operations from existing 3 000 operations.
13	Additional requirements for water efficiency rating and labelling of cisterns have been incorporated through reference to the concerned Indian Standard
12	Method of marking of the operating instructions, has been changed to a leaflet form, from the earlier ‘not readily removable pattern’.
14.3	Provision to supply an instruction specifying that a particular cistern capacity shall be used with compatible sanitary appliance of equivalent capacity, has been incorporated
7.6	Time period for discharge rate test has been modified

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 7231/2/Feb 2022**.
5. The guidelines for implementation of the revised Standard is given below:

A. LICENSEES:

- (i) All Licensees shall implement the revised Standard by **29 Sept 2022**. Any difficulty in implementation shall be brought to the notice of CMD III 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 the old Standard after **29 Sept 2022**. **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) As the revision has discontinued high level cisterns and has withdrawn the discharge capacity 10/5 litres, the scope of existing licensees may be reviewed and endorsements may be issued accordingly.
- (iii) 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 may be done during the next visit, **which may normally be completed within three months of the last date of concurrent running.**
- (iv) In case a manufacturer opts for water efficiency ratings and labelling of cisterns, either he can submit a test report of the requirements given in IS 17650 (Part 1):2021 from BIS approved laboratory for the star rating; or, a special inspection by BIS shall be carried out at the factory and during the visit, flushing cistern of each star rating shall be tested for the requirements given in IS 17650 (Part 1):2021 as well as all tests possible in a day as per IS 7231:2021 to cover that particular star rating.
- (v) If the Licensee fails to complete all actions by **29 Sept 2022**, 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 **29 Sept 2022** and for such cases, Applicant shall give a declaration that they will implement the revised Standard by **29 Sept 2022**.

(iii) Beyond **29 Sept 2022** 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 **29 Sept 2022** 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)