

केन्द्रीय मुहर विभाग -2

संदर्भ- : के मू वी-2/16: 2553 (Part 1)

10 01 2025

विषय: **IS 2553 (Part 1) : 2018** के **amendment no. 2** के अनुपालन के दिशा निर्देश

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशा निर्देश अनुपालन हेतु संलग्न है ।

अनुरोध है कि दिशा निर्देशों का तत्काल प्रभाव से अनुपालन सुनिश्चित करें।

(अमित चौधरी)
वैज्ञानिक - डी

प्रमुख (के मू वी 2)

सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाएँ/ **CHD/LRMD**

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16:2553 (Part 1)

10 01 2025

Subject: Guidelines for implementation of amendment no. 2 to IS 2553 (Part 1):2018

This has reference to the subject mentioned above.

The Competent Authority has approved the enclosed Guidelines for implementation.

It is requested to ensure the implementation of the above Guidelines with immediate effect.

(Amit Choudhary)
Scientist D

Head (CMD-2)

All ROs/BOs/Labs/CHD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 2553 (Part 1)

10 01 2025

Subject: Guidelines for implementation of Amendment no. 2 to IS 2553 (Part 1): 2018, Safety Glass — Specification Part 1 Architectural, Building and General Uses

1. Amendment no 2 to IS 2553 (Part 1): 2018 have been published.
2. The product is under mandatory certification w.e.f. 28 January 2025. There are 302 licences for the product and 11 applications for GOL in India.
3. The significant changes in the standard through this amendment as listed in the Table are given for the purpose of general guidance.

Sl no	Clause No	Change
1.	Page 3, clause 5.2.3	Two notes have been added under the clause 5.2.3 stating <i>This method is applicable for flat toughened safety glasses only. For curved toughened safety glasses refer to 5.2.3.1. and, In case, the tempering furnace is not capable of handling the glass having surface area greater than or equal to 0.36 m² , then the fragmentation test shall be carried out using the glass samples of actual sizes.</i>
2.	Page 3, 5.2.3.1	A new Clause has been added for Fragmentation test for curved toughened (tempered) safety glass with test method given at Annex E
3.	Page 6, clause 5.2.5.1	A new para is added under Cl 5.2.5.2 stating <i>'For glasses of thickness less than 5 mm, ball drop test shall be carried out as prescribed in 6.2.1 of IS 17004, using a steel ball of mass (227 ± 2) g. Also, in case, the tempering furnace is not capable of handling the glass sizes greater than or equal to (610 × 610) mm, then the test shall be carried out using the actual glass samples'.</i>
4.	Page 20, Clause 5.2.3.1	Annex E on testing on FRAGMENTATION TEST FOR CURVED TEMPERED (TOUGHENED) SAFETY GLASS has been added

4. Amendment no 2 shall be implemented by all Licencees/applicants by 28 January 2025. No application for grant of licence and/or change in scope of licence shall be accepted or grant of licence/change in scope permitted without consideration of the amendment after 28 January 2025.
5. In Amendment no 2, test method for Fragmentation test of curved toughened (tempered) safety glass has been added and now *fragmentation test* has been provided for *glasses having surface area less than 0.36 m²*. Also, now ball drop test method has been given for glasses of *thickness less than 5 mm, and in cases where the tempering furnace is not capable of handling the glass sizes greater than or equal to (610 × 610) mm*
6. The existing Product manual has been revised to incorporate the changes due to the amendment to the IS and it is being circulated separately, through BIS website, as Product Manual Doc: PM/2553(Part 1)/3 Jan 2025
7. The guidelines for implementation of amendment no 2 to the IS are as given below:
 - A. LICENSEES:

- a) Any difficulty in implementation shall be brought to the notice of CMD-2 immediately after issuance of these guidelines. BO shall ensure that Licence is not under operation without consideration of amendment no 2 to the IS after 28 January 2025. The status of implementation of the amendment shall be confirmed by Head (BO) to CMD-II within two weeks of the last date of implementation.
- b) Licensee is required to submit evidence of conformity through In-house/Independent Test Reports for fragmentation test and ball drop test on applicable varieties in the scope of Licence.
- c) No change in scope of Licence arises due to the amendment
- d) Licensee shall submit declaration for additional Testing equipment in Form no 2 as applicable (if applicable), if testing of the parameter is done inhouse or submit details of arrangement for testing of the parameters from BIS recognized lab (Subcontracting of the tests), in accordance with the Scheme of Inspection and testing.
- e) Verification of implementation of the amendments to the IS, shall be done through a surveillance visit preferably within 30 days of confirmation of implementation of the amendments to standard by licensee.
- f) If the Licensee fails to complete all actions by 28 January 2025, it shall be dealt with as per the prevailing guidelines.

B. APPLICATIONS FOR GRANT OF LICENCE:

- a) Existing Applications for GOL where Sample has been submitted in the Laboratory/Test Report has been issued by the Laboratory may be processed as per the IS with/without the amendment. If the Applicant is desirous of considering the Application, with the amendment to the IS, 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 IS incorporating the amendment, Licence will not be granted by BIS without considering the amendment.
- b) Applications which are recorded henceforth may be processed with or without considering Amendment no 5 to the IS. Processing of Applications without considering the amendment, shall be permitted only upto 27 January 2025. For such cases Applicant shall give a declaration that they will implement the amendment by 28 January 2025.
- c) Beyond 28 January 2025, no Licence shall be granted without considering the amendment.

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 up to the date of implementation of the revised Standard.
8. BOs are requested to circulate this guideline to licensees and applicants immediately within 7 days of issuance of this circular.
 9. The above guidelines come into force with immediate effect.

(Amit Choudhary)
Scientist D

Head (CMD-2)
DDG(Certification)
Circulated to:
All RO/BOs
All other concerned - through BIS intranet