

केन्द्रीय मुहर विभाग -2

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

29 11 2022

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

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशा निर्देश अनुपालन हेतु संलग्न है ।

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

(ज्ञान प्रकाश)

वैज्ञानिक- सी

प्रमुख (के मू वी 2)

सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाओं/CHD/LRMD

CENTRAL MARKS DEPARTMENT-2

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

29 11 2022

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

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.

(Gyan Prakash)
Scientist C

Head (CMD-2)

All ROs/BOs/Labs/CHD/LRMD

CENTRAL MARKS DEPARTMENT-2

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

29-11-2022

Subject: Guidelines for implementation of Amendment No. 1 to IS 2553 (Part 1) : 2018 Safety Glass – Specification Part 1 Architectural, Building and General uses

1. Amendment No. 1 to IS 2553 (Part 1) : 2018 has been published. The last date for implementation of the amendment is **28 December 2022**.
2. All BOs shall inform the Applicants and Licensees under their jurisdiction about implementation of the above amendment within a week of issuance of these guidelines.
3. The significant changes in the standard through this amendment 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 amendment.

Clause	Change
Page 2, Cl. 3, Terminology	Definitions of Concave, Convex, Cross Curve Deviation, Edge straightness Deviation, Girth, Length, Shape Accuracy and Thickness have been added.
Cl. 5.1.2, second line	Word annealed has been inserted between flat and glass in second sentence.
Cl. 5.2, Title	Title of cl. 5.2 has been modified (Flat has been deleted from title)
Cl. 5.2.2	A new sub clause 5.2.2.3 under the clause 5.2.2 has been added, specifying the dimensional tolerances for curved toughened (tempered) safety glass.
Table 1	Table 1 has been substituted
Page 3, Cl. 5.2.3	In Cl 5.2.3, Fragmentation test, table 1B has been added specifying minimum particle count for different thickness ranges (Earlier this requirement was given in test method Standard IS 17004. Requirement of minimum particle count for nominal thickness of 3 to 3.5 mm is also included, which was earlier not specified.)
Page 5, Table 2	Footnote has been inserted below table 2, mentioning that this test is not applicable for glasses having thickness less than 4 mm.
Page 6, clause 5.2.5.2	Cl. 5.2.5.2 has been substituted (Now it is mentioned that this test is not applicable for glasses having thickness less than 5 mm. Also, for the time being till the committee formulates an alternative test method, this test is not applicable in case the furnace size is such

	that it is unable to produce the toughened glass of dimensions required in 6.4.3.2 of IS 17004).
Page 11, clause 5.3.4	Cl. 5.3.4 has been modified (Now it is specified that none of the three samples tested shall show any faults (bubbles, delamination, haziness and clouding) leaving 15 mm from an original edge and 20 mm from a cut edge of the specimen (Earlier this was specified in the test method standard).
Page 13, clause 6.2.1	Cl. 6.2.1 Marking has been modified (Earlier each safety glass shall be marked indelibly and distinctly with the required information, now glass for architectural purposes shall be marked indelibly and distinctly and glass for non-architectural purposes shall be marked legibly with the required information).
Page 14, table 12	Table 12 Sample size and criteria for conformity for Toughened Safety Glass has been substituted (Size of Samples for resistance to human impact test has been modified, to correct as specified in the test method standard).
Page 15, Table 13	Title of table 13 has been modified and text at sl. no. ix has been substituted (Size of Samples for resistance to human impact test has been modified, to correct as specified in the test method standard).

4. The existing Product Manual has been revised to incorporate the amendment and it is being circulated separately through BIS website, as Product Manual Doc : PM/ 2553 (Part 1) /2 November 2022.

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

A. LICENSEES:

- (i) All Licensees shall implement the amendment by **28 December 2022**. Any difficulty in implementation shall be brought to the notice of CMD 2 at the earliest. BOs shall ensure that no Licences are under operation as per IS 2553 (Part 1) : 2018 without the amendment after 28 December 2022. 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 of concurrent running.
- (ii) Through this amendment, requirements for curved Toughened safety Glass have been added and in the fragmentation test, requirement of minimum particle count for nominal thickness of 3 to 3.5 mm is included, which was earlier not specified. All other changes are either editorial or provisions have been relaxed. Licensees shall submit evidence of conformity to the modified requirement through In-house/Independent Test Report, wherever applicable. Verification of implementation of the amendment, may be done during the next surveillance visit.
- (iii) BOs shall issue the endorsement for revised scope. Existing variety of Toughened

(Tempered) safety glass would be endorsed as Flat Toughened (Tempered) safety glass, after receipt of conformity to the modified requirements through amendment no.- 1. Variety of Curved toughened (Tempered) safety glass, can be included in the scope, as per guidelines for change in scope of the licence (Ref : CMD-I/2:12:4 dated 13 May 2021).

- (iv) If the Licensee fails to complete all actions by 28 December 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 without consideration of the amendment. However, if the Applicant is desirous of considering the amendment, 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 amendment, Licence will not be granted as per the old version.
- (ii) Applications which are recorded henceforth may be processed with or without consideration of the amendment. Processing of Applications without consideration of the amendment shall be permitted only upto 28 December 2022 and for such cases Applicant shall give a declaration that they will implement the amendment by 28 December 2022.
- (iii) Beyond 28 December 2022 no Licence shall be granted without consideration of 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 without consideration of the amendment shall be permitted only upto the date of implementation of the amendment by the licensee or upto 28 December 2022 whichever is earlier.

6. The above guidelines come into force with immediate effect.

(Gyan Prakash)
Sc C, CMD-2

Head (CMD II)

DDG (Certification)