

केन्द्रीय मुहर विभाग -2

संदर्भ -: के मू वी-2/16 : 14434

04/08/2023

विषय: संशोधित IS 14434 : 2023 के कार्यान्वयन 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 कार्यान्वयन सुनिश्चित करें।

(शौविक चंदा)

वैज्ञानिक-डी

प्रमुख (के मू वी 2)

सभी क्षेत्रीय/शाखा कार्यालयों/ प्रयोगशालाओं/PCD/LPPD को intranet माध्यम से परिचालित

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16 : 14434

04/08/2023

Subject : Guidelines for implementation of revised IS 14434 : 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.

(Shouvik Chanda)

Scientist D

Head (CMD-2)

Circulated to: All ROs/BOs/Labs/PCD/LPPD through BIS intranet

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16:14434

04-08-2023

Subject: Guidelines for implementation of revised IS 14434:2023 (Polycarbonate Moulding and Extrusion Materials — Specification)

1. IS 14434:1998 has been revised as IS 14434:2023. IS 14434:1998 and IS 14434:2023 (Polycarbonate Moulding and Extrusion Materials – Specification) are under concurrent running till **18th November 2023** and the last date for implementation of revised IS 14434:2023 is **18th November 2023**, after which the old standard (IS 14434:1998) shall stand withdrawn.
2. As on date there are 05 licences for IS 14434:1998 (Polycarbonate Moulding and Extrusion Materials – Specification), under operation at various BOs. 03 applications are pending for this product in domestic certification, as on date.
3. The significant changes in the standard through this revision as listed in the Table are given below for the purpose of general guidance. BOs shall ensure that the product conforms to all the requirements, as applicable, as per the revised Indian Standard.

Clause No. of IS 14434:2023	Changes
1.4(Scope)	It has been mentioned that the revised version of the Indian Standard, is applicable only to virgin polycarbonate material and does not cover polycarbonate blends and alloys.
4.1 (Designation/ Classification System)	a) In the revised version, each data block is separated by space or hyphen, whereas in the earlier version, each block was separated from the other by an asteric mark. b) In the revised version, If a data block is not used, this shall be indicated by double comma (except for Data Block 5, where double comma may or maynot be used), whereas in the earlier version, In case a block is not used, the skipped block shall be indicated by an additional asteric mark.
4.2.2.2	Test method for the determination of ash content have been modified and as per the revised version, it is required to be measured as per IS 13360(Part 8/Sec 8)
4.2.4.1(c)	Test methods and test Specimen condition have been updated for the determination of flexural modulus and as per the revised version, it is required to be measured as per IS 13360(Part 5/Sec 7)
4.2.4.1(d)	Requirement for Charpy impact strength, notched has been included in place of Izod impact strength
4.2.4.1(e)	Test methods and test Specimen condition have been updated for the determination of deflection temperature under load and as per the revised version, it is required to be measured as per IS 1330(Part 6/Sec 3)
4.2.5.2	Test method for the determination of optical requirements have been modified and as per the revised version, it is required to be measured as per IS 13360(Part 9/Sec 5)
6 (Preparation of Test Specimens)	In the revised version, test specimens for properties are to be made in accordance with IS 13360 (Part 2/Sec 3) instead of IS 8543 (Part 3/Sec 2)

4. The existing Product manual has been revised to incorporate the changes due to the revised IS and it is being circulated separately, through BIS website, as Product Manual Doc: PM/14434/2, July 2023.
5. The guidelines for implementation of the revised IS are as given below:

A. LICENSEES:

- (i) All Licensees shall implement the revised Indian Standard by **18th November 2023**. Any difficulty in implementation shall be brought to the notice of CMD-2 at the earliest, but at least within 30 days from the date of issuance of these guidelines. BO shall ensure that no Licences are not under operation as per IS 14434:1998 (old standard) after **18th November 2023**. The status of implementation of the revised Indian Standard, shall be confirmed by Head (BO) to CMD-II within two weeks of the last date of implementation of concurrent running.
- (ii) Licensees shall submit evidences of conformity to the revised IS 14434:2023 through In-house/Independent Test Reports for the modified requirements and also submit declaration for additional Test equipment in Form 2 for the test requirements of Ash content, Flexural modulus, Charpy impact strength, notched and Deflection temperature as per IS 14434:2023.
- (iii) BOs shall verify the documentary evidences submitted by the licensees for their compliance as per IS 14434:2023 and shall issue endorsement with regards to switchover and modified Designation/ Classification System as per IS 14434:2023.
- (iv) Verification of implementation of the revised IS, shall be done during next visit, within 30 days of confirmation of implementation of the revised standard by licensee.
- (v) If the Licensee fails to complete all actions by **18th November 2023**, 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 or the revised standard. However, if the Applicant is desirous of considering the Application, as per the revised 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 revised IS, 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 / the revised Standard. Processing of Applications as per the old Standard, shall be permitted only upto **18th November 2023**. For such cases Applicant shall give a declaration that they will implement the revised Standard by **18th November 2023**.
- (iii) Beyond **18th November 2023** no Licence shall be granted as per IS 14434:1998.

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 Indian Standard or up to **18th November 2023** whichever is earlier.

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

(Shouvik Chanda)
Scientist D

Head (CMD-2)
DDG(Certification)

Circulated to:

- i) All RO/BOs**
- ii) All other concerned - through BIS intranet**