

केन्द्रीय मुहर विभाग -2

संदर्भ :- के मू वी-2/16 : 5295

10/08/2023

विषय: संशोधित IS 5295: 2023 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।

(शौविक चंदा)
वैज्ञानिक-डी

प्रमुख (के मू वी 2)

सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाओं/PCD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16 : 5295

10/08/2023

Subject : Guidelines for implementation of revised IS 5295 : 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)

All ROs/BOs/Labs/PCD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16:5295

10-08-2023

Subject: Guidelines for implementation of revised IS 5295:2023 (Ethylene Glycol – Specification)

1. IS 5295:2021 has been revised as IS 5295:2023. IS 5295:2021 and IS 5295:2023 (Ethylene Glycol – Specification) are under concurrent running till **28th December 2023** and the last date for implementation of revised IS 5295:2023 is **28th December 2023**, after which the old standard (IS 5295:2021) shall stand withdrawn.
2. As on date there are 09 licences for IS 5295:2021 (Ethylene Glycol – Specification), under operation at various BOs.
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 5295:2023	Changes
Cl. 3	In the revised version IS 5295:2023, it has been mentioned that General Grade conforms to 99 % purity and Fibre Grade conforms to 99.7 % purity
Cl. 4.2 and Table 1	The test methods for the following parameters, have been revised: a) For iron in trace quantities, the test method as per ASTM E 394 Standard has been deleted; b) For aldehyde in mono-, di-, and triethylene glycol, the test method as per ASTM E 2313 Standard has been replaced with B-10 method of IS 5295:2023; c) For glycol impurities in mono-, di-, tri and tetraethylene glycol and in mono- and dipropylene glycol (gas chromatographic method), the test method as per ASTM E 2409 Standard test method has been replaced with B-10 method of IS 5295:2023; d) For chloride in mono-, di-, and tri-ethylene glycol, the test method as per ASTM E 2469 Standard by ion chromatography has been replaced with B-8 method of IS 5295:2023;
Cl. 6.2 (Marking)	a) The following information to be marked on each container, has been modified: -- Date of manufacture has been replaced with Month and year of manufacture; b) For supplies of material in bulk, a test certificate containing all the marking details is required to be provided for each consignment.

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/5295/4, August 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 **28th December 2023**. Any difficulty in implementation shall be brought to the notice of CMD-2 within 30 days from the date of issuance of these guidelines. BO shall ensure that no Licences are not under operation as per IS 5295:2021 (old standard) after **28th December 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 evidence of conformity through In-house/Independent Test Reports, tested as per the method of test given in the revised IS 5295:2023 and also submit declaration for additional Test equipment in Form 2 for the test requirements of Colour, Moisture Content, Freezing point, Chloride Content, Diethylene Glycol, Aldehyde as HCHO as per IS 5295:2023
- (iii) BOs shall verify the documentary evidences submitted by the licensees for their compliance as per IS 5295:2023 and shall issue endorsement with regards to switchover and revised scope of licence as per IS 5295:2023.
- (iv) Verification of implementation of the revised IS, shall be done by the BO preferably within 30 days of implementation of the revised IS by the licensee.
- (v) If the Licensee fails to complete all actions by **28th December 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 **28th December 2023**. For such cases Applicant shall give a declaration that they will implement the revised Standard by **28th December 2023**.
- (iii) Beyond **28th December 2023** no Licence shall be granted as per IS 5295:2021.

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 **28th December 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