

केन्द्रीय मुहर विभाग-2

संदर्भ -: केमूवी-2/16:13893

07 11 2023

विषय: IS 13893:1994 के amendment no. 2 के अनुपालन के दिशा निर्देश

यह उपरोक्त विषय के संदर्भ में है।

सक्षम अधिकारी द्वारा अनुमोदित दिशानिर्देश अनुपालन हेतु संलग्न है ।

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

**आदित्य दास
वैज्ञानिक D**

प्रमुख (केमूवी 2)

सभी क्षेत्रीय/शाखाकार्यालय/प्रयोगशालाएँ/CHD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16:13893

07 11 2023

Subject: Guidelines for implementation of amendment no. 2 to IS 13893:1994

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.

**(Aditya Das)
Scientist D**

Head (CMD-2)

All ROs/BOs/Labs/CHD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 13893

07 11 2023

Subject: Guidelines for implementation of Amendment no. 2 to IS 13893 : 1994, (POLYURETHANE UNIT OUTSOLES — SPECIFICATION)

1. Amendment no 2 to IS 13893 : 1994 have been published.
2. The product is under mandatory certification. There is 6 licences for the product and no pending application for GOL in India.
3. The significant changes in the standard through these amendment as listed in the Table are given for the purpose of general guidance.

Sl no	Clause No	Change
1	Title, Page 1, CI 1.1	Changed from POLYURETHANE SOLE, SEMIRIGID to POLYURETHANE UNIT OUTSOLES
2	Page 1, CI 1.2	Deleted
3	Page 1, CI 4.2	The requirement for minimum thickness has been relaxed significantly and reduced from 10 mm min to 4 mm and the test method of test has been referred to IS 15298 (Part 1):2015
4	Page 1, CI 4.3 and CI 4.3.2	Clause 4.3.2 with requirement for Ageing test has been deleted
5	Page 1, CI 4.3.1, Table 1	<ol style="list-style-type: none">a. Under the table requirement for Relative density has been relaxed and max limit has been prescribed as 1.2. The method of test has now been referred to Annex C-1 of IS 10702b. Hardness requirement has been relaxed and now given as 40 min (Shore A)c. Force for abrasion strength has been specified, requirement has been relaxed from 300 to 350 max. The method of test has now been referred to IS 3400 (Part 3)d. Method for flexing resistance test has been specified as Bennewart method. There is requirement related to cut growth only and requirement for the minimum no of cycles for initial crack has been deleted. Referred IS for test method has been changed from 12240 (Part 7) : 1988 to Annex D of IS 15844 (Part 1). It is clarified that the test is not applicable for rigid sole which is defined at Note of the table.e. Test requirement for Hydrolysis resistance has been added. It is clarified that the test is not applicable for rigid sole which is defined at Note of the table.f. The requirements for tensile strength and elongation at break have been relaxed to 3 Mpa and 450 percent from 6 mpa and 450 percent, respectively. Referred IS for test method has been changed from 12240 (Part 6) : 1988 to IS 3400 (Part 1)g. Requirement for tear strength has been added.

6	Page 1, Cl 5.1,	Packaging requirement has been modified
7	Page 1, Cl 5.2	Marking requirement has been modified. Marking on sole in legible and indelible form introduced. Requirement for Marking of outer waist of the sole has been deleted Requirement for Marking of batch no on the product has also been deleted
8	Page 1, Cl 5.2.1	BIS Certification Marking clause has been updated for BIS Act 2016
9	Page 2, Annex B	Test Method for determination of Abrasion resistance has been deleted
10	Page 3, clause C-1.1, line 2	Word "size" has been deleted from the definition of lot

4. The amendment no 2 shall be implemented by all Licencees/applicants by 22 February 2024. 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 22 February 2024.

5. 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/13893/3 October 2023**

6. The guidelines for implementation of amendment 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 22nd February 2024. 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.
- c) Licencee shall submit declaration for additional Testing equipment in Form no 2, for the additional test parameters introduced with the amendment, if testing of the parameters are 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. (Not applicable for Micro and small-scale units who have availed exemption from in-house testing)
- d) No change in the scope is ensued consequent to the implementation of the amendment to the IS.
- 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 22 February 2024, 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 2 to the IS. Processing of Applications without considering the amendment, shall be permitted only upto 22 February 2024. For such cases Applicant shall give a declaration that they will implement the amendment by 22 February 2024.
 - c) Beyond 22 February 2024, no Licence shall be granted without considering the amendment..
7. BOs are requested to circulate this guideline to licensees and applicants immediately within 7 days of issuance of this circular.
8. The above guidelines come into force with immediate effect.

(Aditya Das)
Scientist D

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