

केंद्रीय मुहर विभाग -2

संदर्भ : कें .मु.वि-2/16: 10702

दिनांक 22/06/2023

विषय: संशोधित आई एस 10702 : 2023 के अनुपालन के दिशा निर्देश:

- 1) यह उपरोक्त विषय के संदर्भ में है।
- 2) सक्षम अधिकारी द्वारा अनुमोदित दिशा निर्देश अनुपालन हेतु संलग्न है।
- 3) सब शाखा कार्यालयों से अनुरोध है कि वह अपने अधिकार क्षेत्र में आने वाले आवेदको और लाइसेंसधारियों को संशोधित मानक के कार्यान्वयन के बारे में सूचित करें।

(अमित चौधरी)
वैज्ञानिक-डी

प्रमुख . (कें .मु.वि.-2)

सभी क्षेत्रीय/शाखा कार्यालय/प्रयोगशालाओं/ CHD/LRMD

CENTRAL MARKS DEPARTMENT-2

Our Ref: CMD-2/16: 10702

22.06.2023

Subject: Guidelines for Implementation of revised IS 10702 : 2023 (Hawai Chappal-Specification)

1. This has reference to the subject mentioned above.
2. The Competent Authority has approved the enclosed Guidelines for implementation.
3. All BOs are requested to inform the Applicants and Licensees under their jurisdiction about implementation of the revised Standard.

(Amit Choudhary)
Scientist-D

Head(CMD-2)

All ROs/BOs/ CHD/LRMD

BOs/ CHD/LRMD

CENTRAL MARKS DEPARTMENT – 2

Our Ref: CMD-2/16: IS 10702

22.06.2023

Subject: Guideline for Implementation of revised IS 10702 : 2023, (hawai chappal- Specification)

1. Rubber Hawai Chappal as per IS 10702 : 1992 has been revised to Hawai chappal – specification as per IS 10702 : 2023.
2. Hawai chappal as per 10702 : 1992 has been brought under mandatory certification with effective date of implementation as 1st July 2023. There is one licence in operation for the product in India under KKBO II.
3. IS 10702 :1992 and IS 10702 : 2023 are under concurrent running till 1st September 2023 and the last date for implementation of revised IS 10702 : 2023 is 1st September 2023
4. The major changes in the standard on account of the revision are given in the table 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 10702:2023	Changes
	Categorization of footwear into types has been removed
Cl.1	Under Scope , word rubber from “rubber Hawai Chappal” has been removed.
Cl 3	Hawaii Chappal, has been defined under Terminology clause as “Any open toed having flat or tapered sole with a polymeric strap or thong attached through stud that goes between the toes to hold the chappal in place”.
Cl. 4.1	Material requirement has been given separately for bottom and strap. Requirement has been made more comprehensive to include polymer (TPR/EVA/PU/TPU etc.) and its combinations with Natural or Synthetic Rubber. The process of its making has been expanded to include Vulcanization, Compression or moulding process. The requirement for Exclusion of manufacturing defect of chemical bloom and tackiness is deleted
Cl 4.2	The length requirement of the Hawai Chappal has been made recommendatory
Cl 4.3.1	The minimum uniform thickness requirement of sole has been relaxed to 8 mm and made irrespective of size. Diagram for measurement of min thickness has been added as Fig 2.
Clause 4.4 table 1	Under Physical Requirement of Bottom Material for Hawai Chappal (table 1) Density has been given in place of relative density. Value required for the requirements of density, compression set and split tear strength have been relaxed Shrinkage test for polymeric material, Abrasion resistance test, Flexing resistance test, Hydrolysis resistance test (applicable for PU bottom) have been added. Requirement for room temperature shrinkage has been deleted
Clause 4.4 Table 2	Under Physical Requirement of Strap Material for Hawai Chappal (Table 2), Tests for Hardness (Shore A) and Change in initial hardness after accelerated ageing, have been deleted. Density has been given in place of relative density. Test for Elongation at break (Applicable to strap to strap-V shape) has been added. Breaking Strength at toe portion has been bifurcated into ‘strap to strap’ and ‘toe portion to strap’. Requirements given separately for Solid and cellular straps in the tests for Density, breaking strength, Elongation at break Dimensional requirements for Cross section of the Stud, and stud bolt have been made recommendatory

Clause 4.4 Table 3	New table has been added for Attachment Strength and Inter Layer Bond Strength Requirement for Hawaii Chappal
Cl 5.1	New Chemical requirement for conformance of all the components of Hawaii Chappal, in direct contact with foot to the requirement prescribed in Table 1 of IS 17011, has been added
Cl 5.2	In case of presence of PVC in Hawaii Chappal, compliance to the requirement of restriction in lead content has been added.
Cl 6.1	Restriction to mark on the outer waist of the sole and inner face of the straps of hawaii chappal has been removed

5. 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.

6. The guidelines for implementation of the revised IS are as given below:

A. LICENSEES:

- (i) The licensee shall implement the revised Indian Standard by 1st September 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 the Licence is not under operation as per IS 10702 : 1992 (old standard) after 1st September 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) The licensee is required to declare the material of the bottom [Rubber/Polymer (PU/other-TPR/EVA/TPU, etc)], and strap type (solid/cellular) based on the manufacturing capability and varieties being manufactured and submit evidence of conformity through In-house/Independent Test Reports along with declaration for Testing equipment in Form no 2, as required.
- (iii) BO shall verify the documentary evidences submitted by the licensee for their compliance as per IS 10702 : 2023 and shall issue endorsement with revised scope of Licence.
- (iv) Verification of implementation of the revised IS, including testing and manufacturing capability as per the varieties declared, 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 1st September 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. In case application is processed as per old version of the IS, a declaration may be obtained from the Applicant that the Licence, if granted, shall be switched over to IS 10702 : 2023 before the last date of concurrent running of the IS. BOs shall ensure that such licenses granted are switched over to the revised IS before the last date of withdrawal of IS 10709 : 1992.
If, however, 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 or the revised Standard. Processing of Applications as per the old Standard, shall be permitted only upto 1st September 2023. For such cases Applicant shall give a declaration that they will implement the revised Standard by 1st September 2023.
- (iii) Beyond 1st September 2023 no Licence shall be granted as per IS 10702 : 1992.

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.

(Amit Choudhary)
Scientist D

Head (CMD-2)
DDG(Certification)

Circulated to:

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