**KENYA BUREAU OF STANDARDS**

**ADOPTION PROPOSAL**

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| Document Type: **STANDARD** | **Adoption proposal**  **TC: 075. Leather and leather products** | |
| **Dates:** | Circulation date | Closing date |
| **3-11-2020** | **2-12-2020** |
| TC Secretary**:**  **Dr. Agnes Mwatu** | This form shall be filled, signed and returned to Kenya Bureau of Standards for the attention of **Dr. Agnes Mwatu (mwatua@kebs.org)** | |

**1. ISO 20876:2018** Footwear - Test methods for insoles - Resistance to stitch tear.

**Scope:** This ISO Standard describes a method for evaluating the ability of an insole, irrespective of the material, to hold stitches, or to take clenched metal fastenings. The method has become accepted as a general quality criterion for insole materials even where attachment is by means of adhesives.

**2. ISO 5398-3:2018.** Leather - Chemical determination of chromic oxide content Part 3: Quantification by atomic absorption spectrometry.

**Scope: T**his document describes a method for the determination of chromium in aqueous solution obtained from leather. This is an analysis for total chromium in leather; it is not compound specific or specific to its oxidation state.

This method describes the determination of chromium by atomic absorption spectrometry and is applicable to leathers which are expected to have chromic oxide contents in excess of 5 mg/kg. Two techniques for the preparation of the solution to be analyzed are included. In the case of disputes, the wet oxidation technique is to be used.

**3. ISO 17075-1:2017** Leather — Chemical determination of chromium(VI) content in leather — Part 1: Colorimetric method

**Scope:** ISO **17075-1:2017** specifies a method for determining chromium(VI) in solutions leached from leather under defined conditions. The method described is suitable to quantify the chromium(VI) content in leathers down to 3 mg/kg. ISO **17075-1**:2017 is applicable to all leather types

**4. ISO 17075-2:2017** Leather — Chemical determination of chromium(VI) content in leather — Part 2: Chromatographic method

**Scope: T**his document specifies a method for determining chromium(VI) in solutions leached from leather under defined conditions. The method described is suitable to quantify the chromium(VI) content in leathers down to 3 mg/kg.

This document is applicable to all leather types

**5. ISO 5402-1:2017** Leather — Determination of flex resistance — Part 1: Flexometer method

**Scope:** ISO **5402-1**:2017 specifies a method for determining the wet or dry flex resistance of leather and finishes applied to leather. It is applicable to all types of flexible leather below 3,0 mm in thickness.

**6. ISO 17131:2020** Leather - Identification of leather with microscopy.

**Scope:** This document specifies a method using microscopy to identify leather and distinguish it from other materials. The method is not applicable for identifying specific leathers (e.g. sheep leather).

**7. ISO 23910:2019** Leather — Physical and mechanical tests — Measurement of stitch tear resistance

**Scope:** This document specifies a method for determining the stitch tear resistance of leather. It can be used on all leathers but is particularly suitable for leathers over 1,2 mm in thickness.

**8. ISO 4044: 2017** Leather - Chemical tests - Preparation of chemical test samples

**Scope:** This ISO **4044**:2017 specifies how to prepare a test sample of leather for chemical analysis. The test sample can be either ground or cut into small pieces. Unless specified in this document, the method to be used depends on the size of leather sample available for testing.

**9. ISO 10195:2018** Leather — Chemical determination of chromium(VI) content in leather — Thermal pre-ageing of leather and determination of hexavalent chromium

**Scope:** This document specifies a thermal pre-ageing procedure for leather to obtain indications about the tendency to the formation of hexavalent chromium under specified conditions and the determination of hexavalent chromium according to ISO 17075-1 or ISO 17075-2

This thermal pre-ageing procedure does not simulate any real condition in leather production or use.

It is applicable to all types of chromium tanned leather

We are therefore seeking views from potential users in respect of the same. The Standard is available at the Kenya Bureau of Standards Information Centre. Please tick and fill your preference of the listed option. (If the spaces provided are not enough, please attach a separate sheet of paper).

Adoption acceptable as presented

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Adoption proposal not acceptable because of the reason(s) below

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Our Recommendations are as follows

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Name and Signature (of respondent): ................................................

Position (of respondent): .....................................

On behalf of ......................................................................................... (Name of organization)

Date .........................................................................

**NOTE:** Absence of any reply or comments shall be deemed to be an acceptance of the proposal for adoption and **shall constitute an approval vote**.