

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

(Not to be reproduced without permission of BIS or used as an Indian Standard)

भारतीय मानक मसौदा

चमड़ा — नमूना लेने की विधि

भाग 2 रासायनिक, भौतिक, यांत्रिक और स्थिरता परीक्षण

के लिए नमूनों की स्थिति और तैयारी

(IS 5868 का दूसरा पुनरीक्षण)

Draft Indian Standard

Leather — Method of Sampling

Part 2 Position and preparation of specimens for testing for
chemical, physical, mechanical and fastness tests

(Second Revision of IS 5868)

(ICS 59.140.30)

Leather, Tanning Materials and Allied Products Sectional
Committee, CHD 17

Last Date for Comments: 04th September 2024

Leather, Tanning Materials and Allied Products Sectional Committee, CHD 17

NATIONAL FOREWORD

(Formal clause will be added later)

This standard was originally published in 1969. This standard IS 5868: 1983 'Method of sampling of Leather' prescribes the methods of sampling for non-fabricated leather in the form of whole hides of skins, sides, butts, bends, bellies or shoulders. The first revision was undertaken in 1983 to align the standard with ISO 2418:1972, ISO 2419:1972, ISO 2588:1973 and ISO 4044:1977. This is a very old standard and hence it is not exhaustive. The Committee responsible for formulating this standard has decided to harmonize the method of sampling of Leather with those prescribed in ISO 2588: 2014, ISO 2418: 2023 and ISO 2419: 2012. Hence, IS 5868: 1983

has been revised and bifurcated into three parts :

- a) IS 5868 (Part 1) for Number of items for a gross sample which is the adoption of ISO 2588 : 2014 ;
- b) IS 5868 (Part 2) for Position and preparation of specimens for testing for chemical, physical, mechanical and fastness tests which is the adoption of ISO 2418 : 2023 ; and
- c) IS 5868 (Part 3) for Sample preparation and conditioning for physical and mechanical tests which is the adoption of ISO 2419 : 2012

This standard specifies the position of laboratory test specimens within a piece of leather and the method of labelling and marking the laboratory test specimens for future identification. In addition, this document specifies the design of press knives for cutting test pieces and the preparation of test pieces.

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions and terminologies are, however, not identical to those used in Indian Standards. Attention is particularly drawn to the following:

- a) Wherever the words 'International Standard' appear referring to this standard, they should be read as 'Indian Standard'
- b) Comma (,) has been used as a decimal marker in the International Standard, while in Indian Standards, the current practice is to use a point (.) as the decimal marker.

In this adopted standard, the reference appears to certain International Standards for which Indian Standards exists. So, the technical committee has reviewed the provisions of the following International Standards documents referred in this adopted standard and has decided that they are acceptable for use in conjunction with this Standard:

<i>International Standard</i>	<i>Title</i>
ISO 15115	Leather — Vocabulary

In this adopted standard, reference appears to certain International Standards where the standard atmospheric conditions to be observed are stipulated which are not applicable to tropical/subtropical countries. The applicable standard atmospheric conditions for Indian conditions are $27\text{ }^{\circ}\text{C} \pm 2\text{ }^{\circ}\text{C}$ and (65 ± 5) percent, relative humidity and shall be observed while using this standard.

In reporting the result of a test or analysis made in accordance with this standard, if the final value, observed or calculated, is to be rounded off, it shall be done in accordance with IS 2: 2022. 'Rules for rounding off numerical values (*second revision*)'.