

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा

प्लास और चिमटियाँ — इंजीनियर और लाइनमैन की

प्लास — आयाम और परीक्षण मान

(IS 6078 का चौथा पुनरीक्षण)

Draft Indian Standard

**Pliers and nippers — Engineer's and Lineman's
pliers — Dimensions and test values**

(Fourth Revision of IS 6078)

ICS 25.140.30

Hand Tools Sectional Committee, PGD 34

Last Date for Comments: **XX-XX-2024**

NATIONAL FOREWORD

This Indian Standard which is identical with ISO 5746 : 2021 'Pliers and nippers — Engineer's and lineman's pliers — Dimensions and test values' issued by the International Organization for Standardization (ISO), will be adopted by the Bureau of Indian Standards on the recommendation of the Hand Tools Sectional Committee, after approval of the Production and General Engineering Division Council.

This standard was originally published in 1967 and was subsequently revised in 1977, 1986 and 2017. This fourth revision has been brought out to align it with ISO 5746 : 2021.

This Standard specifies the principal dimensions of engineer's and Lineman's pliers and the test values for the pliers in order to verify their ability to function in conformity with ISO 5744. General technical requirements of pliers and nippers are given in ISO 5743.

The text of ISO standard has been approved as suitable for publication as an Indian Standard without deviations. Certain conventions 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 while in Indian Standards, the current-practice is to use a point (.) as the decimal marker.

In this adopted standard, references appear to certain International Standards for which Indian Standards also exist. The corresponding Indian Standards, which are to be substituted in their respective places, are listed below along with their degree of equivalence for the editions indicated:

| <i>International Standard</i> | <i>Corresponding Indian Standard</i> | <i>Degree of Equivalence</i> |
|---|--|------------------------------|
| ISO 5743 : 2021 Pliers and nippers — General technical requirements | IS 2615 (Part 1) : 2023/ISO 5743 :2021 Pliers and nippers — General technical requirements | <i>Modified</i> |
| ISO 5744 : 2004 Pliers and nippers — Methods of test | IS 2615 (Part 2) : 2023/ISO 5744 : 2021 Pliers and nippers — Methods of test | <i>Modified</i> |

The standard also makes a reference to the BIS Certification Marking of the product. Details of which are given in National Annex A.

For the purpose of deciding whether a particular requirement of this standard is complied with the final value, observed or calculated, expressing the result of a test or analysis shall be rounded off in accordance with IS 2 : 2022 ‘Rules for rounding off numerical values (*second revision*)’.

NATIONAL ANNEX A

(National Foreword)

A-1 BIS CERTIFICATION MARKING

The product may also be marked with the Standard Mark.

A-1.1 The use of the Standard Mark is governed by the provisions of the Bureau of Indian Standards Act, 2016 and the Rules and Regulations made thereunder. The details of conditions under which the license for use of Standard Mark may be granted to manufacturers or producers may be obtained from the Bureau of Indian Standards.

The product(s) conforming to the requirements of this standard may be certified as per the conformity assessment schemes under the provisions of the Bureau of Indian Standards Act, 2016 and the Rules and Regulations framed thereunder, and the products may be marked with the standard mark.

NOTE: The technical content of draft standard is not available on website. For details, please refer to ISO 5746 : 2021 or contact:

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