BUREAU OF INDIAN STANDARDS
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भारतीय मानक मसौदा

लाइट कन्वेयर बेल्ट — विद्युतीय प्रतिरोधित का निर्धारण

(*IS* 16381 *का पहला पुनरीक्षण*)

Draft Indian Standard

Light Conveyor Belts — Determination of Electrical Resistances

(*First Revision of IS* 16381)

ICS 53.040.10

Conveyor Belts Sectional Committee, PGD 40	Last Date for Comments: **01-10-2024**

NATIONAL FOREWORD

(*Formal clauses will be added later on*)

This Standard specifies test methods for determining the electrical resistances of light conveyor belts according to ISO 21183-1. The resistances are surface resistance, volume resistance perpendicular to the belt plane, and longitudinal and transverse volume resistance parallel to the belt plane. This Standard also specifies two test methods for determining the surface resistivity and the volume resistivity.

The major changes in this revision are as follows:

a) New terms and definitions have been added;

b) Technical changes to the Clauses **5**, **6** and **7** have been made;

c) Annex A has been deleted; and

d) Editorial corrections have been made.

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, reference appears to the following International Standard for which Indian Standard also exists. The corresponding Indian Standard which is to be substituted in its place is listed below along with its degree of equivalence for the edition indicated

International Standard	*Corresponding Indian Standard*	*Degree of Equivalence*
ISO 18573, Conveyor belts — Test atmosphere and conditioning periods	IS 17527 : 2021/ISO 18573 : 2012 Conveyor Belts — Test Atmospheres and Conditioning Periods	Identical

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*)’.

NOTE: The technical content of draft standard is not available on website. For details, please refer to ISO 21178 : 2020 or contact:

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