

Doc: TED 14 (21356)

IS 12678: 2023

ISO 11532: 2018

For Comments Only

BUREAU OF INDIAN STANDARDS

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भारतीय मानक मसौदा

वायु आकाश — भू-उपस्कर प्रचालकों के लिये ग्राफीय सकेत

(पहला पुनरीक्षण)

Draft Indian Standard

**AEROSPACE — GROUND EQUIPMENT — GRAPHICAL SYMBOLS FOR
OPERATORS**

(Adoption of ISO 11532:2018)

(First Revision)

ICS: 49.100

Air and Space Vehicles Sectional Committee, TED 14	Last date for receipt of comments is XX/XX/XXXX
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Air and Space Vehicles Sectional Committee, TED 14

NATIONAL FOREWORD

(Formal clauses to be added later)

This draft Indian Standard (First Revision) which is identical with ISO 11532 : 2018 ‘Aircraft ground equipment — Graphical symbols’ issued by International Organization for Standardization (ISO), will be adopted by the Bureau of Indian Standards on the recommendations of Air and Space Vehicles Sectional Committee and approval of the Transport Engineering Division Council.

This standard was originally published in 1989. The first revision of this standard has been undertaken to keep pace with the latest technological developments and align it with the latest version of ISO 11532 : 2018.

ISO 11532 : 2018 was prepared by Technical Committee ISO/TC 20, Aircraft and space vehicles, Subcommittee SC 9, Air cargo and ground equipment.

The text of ISO standard is proposed for publication as an Indian Standard without deviations. Certain terminologies and 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 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 6966-2 ‘Aircraft ground equipment — Basic requirements — Part 2 Safety requirements’	IS 10494 (Part 2) : 2011/ ISO 6966-2 : 2005 ‘Aircraft ground equipment - Basic requirements: Part 2 safety requirements (<i>first revision</i>)’	Identical under dual numbering
ISO 7000 ‘Graphical symbols for use on equipment’ — Registered symbols’	IS 16450 : 2017/ISO 7000 : 2014 ‘Graphical symbols for use on equipment — Registered symbols’	Identical under dual numbering

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 10254 'Air cargo and ground equipment — Vocabulary'	IS 17096 : 2019/ISO 10254 2016 'Air Cargo and Ground Equipment — Vocabulary'	Identical under dual numbering

The technical committee has reviewed the provisions of following International Standards 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>
IEC 60417	Graphical symbols for use on equipment

Attention is drawn to the possibility that some of the elements of this standard may be the subject of patent rights. The Bureau of Indian Standards shall not be held responsible for identifying any or all such patent rights.

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*)'. The number of significant places retained in the rounded off value should be the same as that of the specified value in this standard.

SCOPE

This document establishes common graphical symbols for use on all types of aircraft ground support equipment.

They have been compiled for the benefit of those who deal with such equipment, such as airlines, airport handling agencies, airport authorities, manufacturers, etc., in order to facilitate fast and accurate identification of controls, indicators and decals of powered and unpowered equipment.

The presentation of this document is based on the recommendations of ISO/TC 145, Graphical symbols.

This document is also intended to promote standardization of terms for controls, indicators, etc. for aircraft ground support equipment and alleviate language problems.

These graphical symbols are intended to be placed on all new equipment and retrofitted on all existing equipment as far as possible.

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FOR COMPLETE TEXT OF THE DOCUMENT KINDLY REFER ISO 11532 : 2018 or CONTACT:

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