

For Comments Only

BUREAU OF INDIAN STANDARDS

DRAFT FOR COMMENTS ONLY

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भारतीय मानक मसौदा

मृदा — संचरण मशीनरी — आधारभूत प्रकार — पहचान और शब्दावली

(आई एस/आई एस ओ 6165 का पहला पुनरीक्षण)

Draft Indian Standard

EARTH — MOVING MACHINERY — BASIC TYPES — IDENTIFICATION AND VOCABULARY

(First Revision of IS/ISO 6165)

ICS 53.100; 01.040.53

**Earth Moving Equipment and Material Handling
Sectional Committee, MED 07**

**Last date for receipt of comments
is 20 March 2023**

NATIONAL FOREWORD

This Indian Standard (First Revision), which is adopted with ISO 6165 : 2022 ‘Earth-moving machinery — Basic types — Identification and vocabulary’ issued by the International Organization for Standardization (ISO) was adopted by the Bureau of Indian Standards on the recommendations of the Earth Moving Equipment and Material Handling Sectional Committee had been approved by the Mechanical Engineering Division Council.

This standard was first published in 2006 and revised in 2012. ISO 6165 : 2022 has been adopted during this revision. The following are the main changes in this revision:

- a) The following terms are added: operator protective structure **3.1.14**, canopy **3.1.15**, cab **3.1.16**, minimal tail radius excavator **3.2.4.2** and vacuum excavator **3.2.13**;
- b) The definition for compact tool carrier **3.2.12** is revised;
- c) The definition for compactor **3.2.9** is revised;
- d) The terminological entry for horizontal directional drill is deleted; and

e) Annexes A and B are revised according to the modification text.

The text of ISO standard has been approved for publication as Indian Standard without deviations. Certain terminology 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 a decimal marker.

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.