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***भारतीय मानक***

***Indian Standard***

**ISO 6165 : 2022**

**मृदा — संचरण मशीनरी — आधारभूत प्रकार — पहचान और शब्दावली**

*( दूसरा पुनरीक्षण )*

**Earth — Moving Machinery — Basic Types — Identification and Vocabulary**

( *Second Revision )*

ICS 53.100; 01.040.53

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मानक भवन, 9 बहादुर शाह ज़फर मार्ग, नई दिल्ली - 110002

MANAK BHAVAN, 9 BAHADUR SHAH ZAFAR MARG

NEW DELHI - 110002

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Earth Moving Equipment and Material Handling Sectional Committee, MED 07

NATIONAL FOREWORD

This Indian Standard (Second Revision), which is identical 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 recommendation of the Earth Moving Equipment and Material Handling Sectional Committee and approval of the Mechanical Engineering Division Council.

This standard was first published in 2010 and revised in 2016. This revision supersedes ISO 6165 : 2012 ‘Earth–Moving Machinery — Basic Types — Identification and Terms and Definitions’. The major changes are as follows:

1. The following terms were 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);
2. The definition for compact tool carrier (3.2.12) was revised;
3. The definition for compactor (3.2.9) was revised;
4. The terminological entry for horizontal directional drill was deleted; and
5. Annexure A and Annexure B were 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:

1. Wherever the words ‘International Standard’ appear referring to this standard, they should be read as ‘Indian Standard’.
2. 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.