

*For BIS Use Only*

*Preliminary Draft*

**BUREAU OF INDIAN STANDARDS**

**DRAFT FOR COMMENTS ONLY**

*(Not to be reproduced without the permission of BIS or used as an Indian Standard)*

*भारतीय मानक मसौदा*

**भवन निर्माण मशीनें एवं उपकरण — कंक्रीट धरातल  
फ्लोटिंग एवं फिनिशिंग के लिए मशीनरी**

**भाग 1 वाणिज्यिक विशिष्टि**

*( पहला पुनरीक्षण )*

*( ISO 13105-1 का अधिग्रहण )*

**DRAFT Indian Standard**

**BUILDING CONSTRUCTION MACHINERY AND EQUIPMENT —  
MACHINERY FOR CONCRETE SURFACE FLOATING AND FINISHING**

**PART 1 COMMERCIAL SPECIFICATIONS**

*( First Revision )*

*( Adoption of ISO 13105-1 )*

ICS 91.220; 01.040.91

---

Construction Plant and Machinery  
Sectional Committee, MED 18

Last data for receipt of  
comments is 21 July 2024

---

**NATIONAL FOREWORD**

*(Adoption clause will be added later)*

The Indian Standard supersedes IS/ISO 13105-1 : 2014 'Building construction machinery and equipment — Machinery for concrete surface floating and finishing: Part 1 Terms and commercial specifications' which has been technically revised.

The main changes are as follows:

- a) Title has been changed;
- b) Scope has been modified;
- c) New terminology has been added; and
- d) Updated normative references.

Under the general title ‘Building construction machinery and equipment — Machinery for concrete surface floating and finishing’, the standard is in two parts, other parts are as following:

Part 2 Safety requirements and verification

The text of ISO Standard has been approved as suitable for publication as an Indian Standard without deviations. Certain terminologies and conventions are, however, not identical to those used in Indian Standard. 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 Standard for which Indian Standard also exist. The corresponding Indian Standard, 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 13105-2 : 2024, Building construction machinery and equipment — Machinery for concrete surface floating and finishing Part 2: Safety requirements and verification	IS/ISO 13105-2 : 2014, Building Construction Machinery and Equipment — Machinery for Concrete Surface Floating and Finishing: Part 2 Safety Requirements and Verification	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*)’. The number of significant places retained in the rounded-off value should be the same as that of the specified value in this standard.

---

**NOTE:** The technical content of the document has not been enclosed as these are identical with the corresponding ISO standard. For details, please refer the corresponding **ISO 13105-1: 2023** or kindly contact:

Head  
Mechanical Engineering Department  
Bureau of Indian Standard  
9 Bahadur Shah Zafar Marg  
New Delhi 110002  
Email: [med@bis.gov.in](mailto:med@bis.gov.in)  
Telefax 011-23232509