

**BUREAU OF INDIAN STANDARDS****DRAFT FOR COMMENTS ONLY**

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*भारतीय मानक मसौदा*

**मशीनरी की सुरक्षा — आईएसओ 12100 के साथ संबंध  
भाग 4 संबंधित आईटी-सुरक्षा (साइबर सुरक्षा) पहलुओं पर विचार करने के लिए मशीनरी  
निर्माताओं को मार्गदर्शन**

*(ISO/TR 22100-4 का अधिग्रहण)*

**DRAFT** *Indian Standard*

**SAFETY OF MACHINERY — RELATIONSHIP WITH ISO 12100  
PART 4 GUIDANCE TO MACHINERY MANUFACTURERS  
FOR CONSIDERATION OF RELATED IT-SECURITY  
(CYBER SECURITY) ASPECTS**

*(Adoption of ISO/TR 22100-4)*

ICS 13.110

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Safety of Machinery Sectional  
Committee, MED 40

Last date or receipt of comments  
is **05 May 2024**

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**NATIONAL FOREWORD**

*(Adoption clauses to be added later)*

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’ appears 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 12100 : 2010, Safety of machinery — General principles for design — Risk assessment and risk reduction	IS 16819 : 2018/ ISO 12100 : 2010 Safety of machinery — General principles for design — Risk assessment and risk reduction	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.

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**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/TR 22100-4 : 2018** or kindly contact:

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