**IS 17520 (Part 2): 2024**

***भारतीय मानक***

***Indian Standard***

 **IEC TR 62998-2: 2020**

**मशीनरी की सुरक्षा**

**भाग 2 अनुप्रयोग के उदाहरण**

Safety of Machinery

Part 2 Examples of Application

ICS 13.110; 21.020

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भारतीय मानक ब्यूरो

BUREAU OF INDIAN STANDARDS

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**September 2024 Price Group X**

Safety of Machinery- Electrotechnical Aspect Sectional Committee, ETD 44

NATIONAL FOREWORD

This Indian Standard (Part 2) which is identical with IEC TR 62998-2: 2020 ‘Safety of machinery – Part 2: Examples of application’ issued by the International Electrotechnical Commission (IEC) was adopted by the Bureau of Indian Standards on the recommendation of the Safety of Machinery-Electrotechnical Aspects Sectional Committee and approval of the Electrotechnical Division Council.

This series of Indian standards consist of the following other standards:

IS 17520 : 2021 Safety-related Sensors Used for the Protection of Persons

The text of the IEC 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:

1. Wherever the words ‘International Standard’ appears 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 the decimal marker.

In this adopted standard, reference appears to International Standards for which Indian Standards also exists. The corresponding Indian Standards, which are to be substituted, are listed below along with their degree of equivalence for the editions indicated:

|  |  |  |
| --- | --- | --- |
| *International Standard* | *Corresponding Indian Standard* | *Degree of Equivalence* |
| IEC TS 62998-1:2019, Safety of machinery – Safety-related sensors used for protection of persons | IS 17520 : 2021 Safety of Machinery — Safety-related Sensors Used for the Protection of Persons | Identical with IEC TS 62998-1:2019 |

Only English language text has been retained while adopting it in this Indian Standard, and as such the page numbers given here are not the same as in the International Standard.

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, 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.