
भारतीय मानक मसौदा

मानव-प्रणाली अंतःक्रिया का श्रमक्षता शास्त्र
भाग 5 कार्यस्थल विन्यास और आसन अपेक्षाएं
(IS 16595 भाग 5 का पहला पुनरीक्षण)

Draft Indian Standard
Ergonomics of Human-System Interaction
Part 5: Workstation Layout and Postural Requirements
(First Revision of IS 16595 Part 5)

ICS 13.180; 35.180

Ergonomics Sectional Committee, PGD 15	Last date for Comments: 06 May 2025
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NATIONAL FOREWORD

(Formal clauses shall be added later on...)

This standard was originally published in 2018 based on ISO 9241-5 : 1998. This first revision has been brought out to align it with ISO 9241-5:2024.

The major changes in this revision are as follows:

- a) **3** has been expanded to include more terms and definitions;
- b) Additional information on workspace adaptability, shared workstations, and active postural changes have been added to **4**. Previous version only focused on traditional fixed setups.
- c) Additional requirements and recommendations on semi-standing postures, and improved adjustability have been added to **5**.
- d) Annex A has been revised to include updated anthropometric data and refinements based on modern ergonomic research, and to expand user adaptability considerations,

This standard has been published in twelve parts. Other parts in this series are:

Part 11	Usability: Definitions and concepts
Part 20	An ergonomic approach to accessibility within the ISO 9241 series
Part 110	Interaction principles
Part 154	Interactive voice response (IVR) applications
Part 171	Guidance on software accessibility
Part 210	Human-centred design for interactive systems

Part 300	Introduction to electronic visual display requirements
Part 302	Terminology for electronic visual displays
Part 410	Design criteria for physical input devices
Part 411	Evaluation method for physical input devices
Part 971	Accessibility of tactilehaptic interactive systems

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’ 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, references appear to the following International Standard for which Indian Standard also exists. The corresponding Indian Standard which is to be substituted in its place is listed below along with its degree of equivalence for the edition indicated.

<i>International Standard</i>	<i>Corresponding Indian Standard</i>	<i>Degree of Equivalence</i>
ISO 9241-11 : 2018 Ergonomics of human-system interaction — Part 11: Usability: Definitions and concepts	IS 16595 (Part 11) : 2020/ ISO 9241-11 : 1998 Ergonomics of Human-System Interaction : Part 11 Usability: Definitions and concepts (<i>first revision</i>)	Identical
ISO 9241-302 Ergonomics of human-system interaction — Part 302 : Terminology for electronic visual displays	IS 16595 (Part 302) : 2023/ ISO 9241-302 : 2008 Ergonomics of human-system Interaction Part 302: Terminology for electronic visual displays	Identical

NOTE: The technical content of the draft standard is not available on the website. For details, please refer to ISO 9241-5 : 2024 or contact:

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