

Australian/New Zealand Standard™

Safety of machinery

Part 1701: Human body measurements — Basic human body measurements for technological design



AS/NZS 4024.1701:2019

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Preface

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee SF-041, Safety of Machinery to supersede AS/NZS 4024.1701:2014, *Safety of machinery, Part 1701: Human body measurements — Basic human body measurements for technological design*.

The objective of this Standard is to provide a description of anthropometric measurements which can be used as a basis for comparison of population groups and for the creation of anthropometric databases (refer to ISO 15535). The basic list of measurements specified in this document is intended to serve as a guide for ergonomists who are required to define population groups and apply their knowledge to the geometric design of the places where people work and live. In addition, the list serves as a basis for extracting one- and two-dimensional measurements from three-dimensional scans (specified in ISO 20685-1).

This Standard also serves as a guide on how to take anthropometric measurements, but also gives information to the ergonomist and designer on the anatomical and anthropometrical bases and principles of measurement which are applied in the solution of design tasks.

This Standard is identical with, and has been reproduced from, ISO 7250-1:2017, *Basic human body measurements for technological design — Part 1: Body measurement definitions and landmarks*.

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