



Standard reference temperature for industrial length measurements

Température normale de référence des mesures industrielles de longueur

First edition — 1975-04-01

iTeh STANDARD PREVIEW
(standards.iteh.ai)

ISO 1:1975

<https://standards.iteh.ai/catalog/standards/sist/6db3dc06-0fa5-4633-bb20-7ee25d6f72d/iso-1-1975>



UDC 536.5 : 531.71

Ref. No. ISO 1-1975 (E)

Descriptors : dimensions, length, measurement, testing conditions, temperature.

FOREWORD

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO Member Bodies). The work of developing International Standards is carried out through ISO Technical Committees. Every Member Body interested in a subject for which a Technical Committee has been set up has the right to be represented on that Committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work.

Draft International Standards adopted by the Technical Committees are circulated to the Member Bodies for approval before their acceptance as International Standards by the ISO Council.

Prior to 1972, the results of the work of the Technical Committees were published as ISO Recommendations; these documents are now in the process of being transformed into International Standards. As part of this process, Technical Committee ISO/TC 3 has reviewed ISO Recommendation R 1 and found it technically suitable for transformation. International Standard ISO 1 therefore replaces ISO Recommendation R 1-1954 to which it is technically identical.

ISO Recommendation R 1 was approved by the Member Bodies of the following countries :

Australia	Hungary	Portugal
Austria	India	Romania
Belgium	Israel	South Africa, Rep. of
Canada	Italy	Sweden
Chile	Mexico	Switzerland
Czechoslovakia	Netherlands	United Kingdom
Denmark	New Zealand	U.S.S.R.
Finland	Norway	Yugoslavia
France	Poland	

No Member Body expressed disapproval of the Recommendation.

The Member Bodies of the following countries disapproved the transformation of ISO/R 1 into an International Standard :

France
Japan

Standard reference temperature for industrial length measurements

iTeh STANDARD PREVIEW (standards.iteh.ai)

The standard reference temperature for industrial length measurements is fixed at 20 °C.¹⁾

[ISO 1:1975](#)

<https://standards.iteh.ai/catalog/standards/sist/6db3dc06-0fa5-4633-bb20-7ee25d6f7f2d/iso-1-1975>

1) The fixing of the reference temperature of 20 °C signifies that all length measurements referred to this temperature have at 20 °C the exact length corresponding to the international prototype at 0 °C; i.e. a metre gauge with the indication : *reference temperature 20 °C* has at 20 °C the same length as the international prototype at 0 °C.

iTeh STANDARD PREVIEW

This page intentionally left blank
(standards.iteh.ai)

ISO 1:1975

<https://standards.iteh.ai/catalog/standards/sist/6db3dc06-0fa5-4633-bb20-7ee25d6f7f2d/iso-1-1975>