

Australian Standard[®]

**DENSITY OF WATER—
NUMERICAL VALUE**

This Australian standard was prepared by Committee MS/10, Quantities, Units, and Conversions. It was approved on behalf of the Council of the Standards Association of Australia on 7 January 1986 and published on 3 February 1986.

The following interests are represented on Committee MS/10:

Australian Institute of Physics
Bureau of Steel Manufacturers of Australia
CSIRO, Division of Applied Physics
Department of Defence
Department of Science
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PREFACE

This standard was prepared by the Association's Committee on Quantities, Units, and Conversions. It is based on the data contained in the Determination by the National Standards Commission—Recognised-value Standard of Measurement of Density—Water, dated 21 March 1985, in accordance with the National Measurement Act 1960.

This standard sets out two ways of ascertaining the numerical value of the density of water under specified conditions, viz by reference to a table and by calculation.

It was considered that it would be of benefit if information on the density of water were specified in an Australian standard and application standards could then make reference to this standard.

In the preparation of this standard, reference was made to—

National Standards Commission—Recognised-value Standard of Measurement of Density—Water; and

Technical Memorandum No 17 —Notes on the Density of Mercury and Water, published by CSIRO, Division of Applied Physics.

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