

ASME B40.200-2008
(Revision of ASME B40.200-2001)

Thermometers, Direct Reading and Remote Reading

AN AMERICAN NATIONAL STANDARD



The American Society of
Mechanical Engineers



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FOREWORD

ASME B40 Standard Committee is composed of a balanced cross section of manufacturers of pressure and temperature instruments, users, and interested individuals representing government agencies, testing laboratories, and other standards-producing bodies.

This Standard has been prepared not only to provide performance, configuration, and interchangeability guidelines but also to inform and update the specifier and user regarding product types, application, and use. This Standard is a vehicle by which the Committee can transmit to users the benefits of their combined knowledge and experience regarding the proper and safe use of temperature instruments and accessories.

Use of this advisory standard is a voluntary matter and shall in no way preclude the manufacture or use of products that do not conform. Neither ASME nor the B40 Committee assumes responsibility for the effect of observance or nonobservance of recommendations made herein.

This Standard is a consolidation and revision of the following standards:

- (a) B40.3, Bimetallic Actuated Thermometers
- (b) B40.4, Filled System Thermometers
- (c) B40.8, Liquid-in-Glass Thermometers
- (d) B40.9, Thermowells for Thermometers and Elastic Temperature Sensors

This Standard provides terminology and definitions, dimensions, safety, construction and installation issues, test procedures, and general recommendations.

This Standard supersedes SAMA Standard RC-6-10-1963, RC-4-1-1962, and is intended to supersede Military Specifications MIL-I-17244, MIL-T-19646, and MIL-T-24272.

Suggestions for the improvement of this Standard are welcome. They should be addressed to The American Society of Mechanical Engineers, Secretary, B40 Standards Committee, Three Park Avenue, New York, NY 10016-5990.

ASME B40.200 was approved by the American National Standards Institute on May 8, 2008.

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