

American National Standard  
for  
**ROTARY TYPE  
GAS DISPLACEMENT METERS**

Approved  
April 14, 1980  
AMERICAN NATIONAL  
STANDARDS INSTITUTE, INC.

Secretariat  
AMERICAN GAS ASSOCIATION  
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## PREFACE

This publication represents a basic standard for safe operation, substantial and durable construction, and acceptable performance for rotary type displacement gas meters, designed for revenue measurement of fuel gas.

It is recognized that during the transition period to the metric system there will be a need for sizes and dimensions to be expressed in the metric system, or the inch-pound system, or both. In this document, both systems are used, with the inch-pound units given preference. In most cases, a soft conversion from existing inch-pound values is shown. Soft conversion implies a change in nomenclature only; in this document, the alternative nomenclatures (metric and inch-pound) are shown by using parentheses and can be used interchangeably. Hard conversion is used to express metric values in (closely equivalent) round inch-pound units. Bracketed values are not to be used interchangeably with the comparable or corresponding metric values.

Nothing in this standard is to be considered as in any way indicating a measure of quality beyond compliance with the provisions it contains. It is designed to allow compliance of displacement meters, the construction and performance of which may exceed the various provisions specified in any respect. In its preparation, recognition was intended to be given to the possibility of improvement through ingenuity of design. As progress takes place, revisions may become necessary. When they are believed desirable, recommendations should be forwarded to the Chairman of American National Standards Committee B109, American Gas Association, 1515 Wilson Boulevard, Arlington, Virginia 22209.

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## HISTORY OF THE DEVELOPMENT OF STANDARD FOR ROTARY TYPE GAS DISPLACEMENT METERS

(This History is informative and is not part of the standard.)

Following approval of the Standard for Gas Displacement Meters (500 Cubic Feet per Hour Capacity and Under), ANSI B109.1, in 1973, a subcommittee was appointed to develop a standard covering rotary type gas displacement meters.

Five drafts of the standard were prepared and reviewed by the subcommittee before a final draft was

prepared and submitted to American National Standards Committee B109 for its consideration on June 20, 1979. Subsequent to adoption by the Committee, this, the first edition of the standard for rotary type gas displacement meters was approved as American National Standard by the American National Standards Institute, Inc., on April 14, 1980.

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