

ASME MFC-16M-1995

**Measurement of Fluid Flow
in Closed Conduits by Means
of Electromagnetic Flowmeters**

AN AMERICAN NATIONAL STANDARD



The American Society of
Mechanical Engineers

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FOREWORD

(This Foreword is not part of ASME MFC-16M-1995.)

This Standard was prepared by Subcommittee 5 of the ASME Committee on the Measurement of Fluid Flow in Closed Conduits. The chairman of the subcommittee is indebted to the many individuals who contributed to this document.

Electromagnetic flowmeters were first introduced to the process industries in the mid-1950's. They quickly became an accepted flowmeter for difficult applications. Subsequent improvements in technology and reductions in cost have transformed this flowmeter into one of the leading contenders for general use in water based and other electrically conducting liquid applications.

Due to differences in design of the various electromagnetic flowmeters in the marketplace, this Standard cannot address detailed performance limitations in specific applications. It does, however, cover issues that are common to all meters, including application considerations.

Suggestions for improvements to this Standard are encouraged. They should be sent to the Secretary, ASME MFC Main Committee, The American Society of Mechanical Engineers, 345 East 47th Street, New York, N.Y. 10017.

This Standard was approved by the American National Standards Institute (ANSI) on April 14, 1995.

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