Pressure Testing of Valves
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Substantive changes in this 2019 edition are "flagged" by parallel bars as shown on the margins of this paragraph. The specific detail of the change may be determined by comparing the material flagged with that in the previous 2013 edition.

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Originally Published: February 1961
Current Edition Approved: September 2019
Current Edition Published: December 2019

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FOREWORD

This Standard Practice for Pressure Testing of Valves was originally adopted in 1961. It was developed for the purpose of providing a uniform means of testing valves commonly used in the "full open" and "full closed" type of service. For control valves, refer to standards ISA-75.19.01 and FCI 70-2, which may be more appropriate for control valve pressure testing.

With the identification of General Purpose, Special Service, and Severe Service Valves, an MSS Standard Practice has been recently introduced for supplementary high-pressure testing; namely, “Supplemental HP Gas Test Procedures for Valves”. MSS SP-61 continues to be offered as a means of testing for all valves, regardless of criticality.

CAUTION: Safety precautions must be taken when gas is used.
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Manufacturers Standardization Society of the Valve and Fittings Industry
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MSS Standard Practices (SPs) related to or referenced in this publication:

- ANSI/MSS SP-25  Standard Marking System for Valves, Fittings, Flanges, and Unions
- ANSI/MSS SP-96  Terminology for Valves, Fittings, and Their Related Components

American National Standards Published by MSS, an ANSI-accredited Standards Developer:

- ANSI/MSS SP-25  Standard Marking System for Valves, Fittings, Flanges, and Unions
- ANSI/MSS SP-44  Steel Pipeline Flanges
- ANSI/MSS SP-58  Pipe Hangers and Supports – Materials, Design, Manufacture, Selection, Application, and Installation
- ANSI/MSS SP-96  Terminology for Valves, Fittings, and Their Related Components
- ANSI/MSS SP-114  Corrosion Resistant Pipe Fittings Threaded and Socket Welding Class 150 and 1000
- ANSI/MSS SP-122  Plastic Industrial Ball Valves
- ANSI/MSS SP-134  Valves for Cryogenic Service, including Requirements for Body/Bonnet Extensions
- ANSI/MSS SP-135  High Pressure Knife Gate Valves
- ANSI/MSS SP-138  Quality Standard Practice for Oxygen Cleaning of Valves and Fittings
- ANSI/MSS SP-144  Pressure Seal Bonnet Valves

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The Manufacturers Standardization Society (MSS) of the Valve and Fittings Industry is a non-profit technical association organized for development and improvement of industry, national and international codes and standards for Valves, Valve Actuators, Valve Modifications, Pipe Fittings, Flanges, Pipe Hangers and Supports, and Associated Seals. Since its establishment in 1924, MSS has been dedicated to developing standards for national and global applications, in cooperation with other standardizing bodies and regulatory authorities. MSS is an American National Standards Institute (ANSI)-accredited standards developer.

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