



**FOR IMMEDIATE RELEASE**

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## **MSS PUBLISHES NEW STANDARD FOR VALVES FOR HYDROGEN FLUORIDE (HF) ALKYLATION SERVICE**

**Alexandria, VA** – The Manufacturers Standardization Society (MSS) of the Valve and Fittings Industry announces that **SP-160-2024, *Valves for Hydrogen Fluoride (HF) Alkylation Service*** has been published by MSS.

This Standard Practice applies to a new Gate, Globe, Check, Butterfly and Plug Valves for Hydrogen Fluoride (HF) Alkylation Service. Other valve designs are allowed with agreement between the valve manufacturer and End User (e.g., eccentric ball valve).

This Standard Practice is intended for valves only used in Hydrogen Fluoride (HF) Alkylation Service.

This Standard Practice is not intended for valves used in Hydrogen Fluoride Acid Production.

This Standard Practice does not apply to control valves or relief valves.

The requirements in this document are the minimum design and quality expectations for valves originally manufactured to this SP, and the manufacturer may perform additional activities per their standard quality plans (e.g., perform a pressure test at a higher pressure or longer duration, perform additional NDE, provide additional documentation).

This document also provides minimum requirements for upgrading HF Alkylation valves that were approved by an HF Alkylation Licensor, but were manufactured or were in the manufacturing process prior to publication of this SP, so that these valves may be provided with enhanced inspection and testing not typically provided or required prior to publication of this SP.

This document is not intended to specify which materials shall be used in specific services or applications within the HF Alkylation Unit. The valve body material and trim table within this document (Annex A) provides typical material configurations that are used in HF Alkylation service. It is the end user's responsibility to select the appropriate material and type of valve for each combination of API RP 751 corrosion zone, piping line class, and application.

SP-160 continues to be maintained under the consensus of MSS Technical Committees 410, *Severe and Special Service Valves*.

The Standard Practice, **MSS SP-160-2024**, is now available from authorized U.S. and global distributors. It has been published in an electronic version (PDF) and in book format.

### **About MSS**

The ***Manufacturers Standardization Society of the Valve and Fittings Industry, Inc.*** 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, Actuator Mounting Kits, Pipe or Tube Fittings, Flanges, Pipe or Tube Hangers and Supports, and Associated Seals, Springs, Spring Washers, and Fasteners. Since its establishment in 1924, MSS has been dedicated to developing voluntary standards for national and global application, in cooperation with other standardizing bodies and regulatory authorities.

**MSS is an American National Standards Institute (ANSI)-accredited standards developer.**

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[www.msshq.org](http://www.msshq.org)

**For media inquiries:** Contact MSS at (703) 281-6613 or [standards@msshq.org](mailto:standards@msshq.org).

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