FOR IMMEDIATE RELEASE
March 19, 2014

MSS PUBLISHES NEW STANDARD FOR EVALUATING CASTING QUALITY AND FOR KNIFE GATE VALVES

Vienna, VA – The Manufactures Standardization Society (MSS) is pleased to announce the following new standards:

- **MSS SP-146-2014, High Pressure, Lug- and Wafer-Type, Iron and Ductile Iron Knife Gate Valves**

  **Summary:** This Standard Practice establishes construction requirements for high pressure, lug- and wafer-type, iron and ductile iron knife gate valves. This Standard Practice covers flanged body designs compatible with ASME B16.1, Class 125 flanges for sizes NPS 2 (DN 50) through NPS 60 (DN 1500), ASME B16.1 Class 250 flanges for sizes NPS 2 (DN 50) through NPS 48 (DN 1200), and ASME B16.42 Class 150 and 300 flanges for sizes NPS 2 (DN 50) through NPS 24 (DN 600).

- **MSS SP-147-2014, Quality Standard for Steel Castings Used in Standard Class Steel Valves – Sampling Method for Evaluating Casting Quality**

  **Summary:** The purpose of this Standard Practice is to provide guidance for valve manufacturers by describing methods and non-destructive acceptance criteria for non-Special Class, steel valve castings. Additionally, this Standard Practice provides procedures for developing and qualifying Standard Class pilot castings. More specifically, this Standard Practice provides minimum guidance for the quality of pressure containing steel castings used in the manufacture of standard class, cast valves compliant with ASME B16.34. It covers castings made by both the sand and investment casting methods. Acceptance standards, which provide for a minimum quality level for Standard Class cast steel valve castings, are detailed within this document.

These Standard Practices are being published as an electronic version (PDF) and in its traditional book format (initial availability may depend on printing time for individual distributors). All Standard Practices are available from MSS and authorized distributors (see [http://mss-hq.org/Store/orderinfo.cfm](http://mss-hq.org/Store/orderinfo.cfm)).

About MSS
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 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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P.A. Release: MSS PR-14_Two-New-Standards_March2014_Final
03.19.2014

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