Quality Standard for Evaluation of Cast Surface Finishes

Visual and Tactile Method
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FOREWORD

One of the MSS Cast Surface Comparators, as described in Section 4 and Figure 1, is included with the purchase of the printed version of this Standard Practice because it is a necessary and normative part of the Standard Practice. However, the Comparator is a “necessary and normative” part of the Standard Practice whether purchased in printed form or electronically. Those purchasing this Standard Practice, in electronic format, may submit a receipt to MSS within 30 days of payment and receive a Comparator at no charge. Additional MSS Cast Surface Comparators may be purchased through our web site or by contacting the home office.
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## FIGURE

| 1 MSS Cast Surface Comparator (Illustrative only) | 3 |

## ANNEX

| A Referenced Standards and Applicable Dates     | 4 |
MSS Standard Practices (SPs) related to or referenced in this publication:

MSS SP-53  Quality Standard for Steel Castings and Forgings for Valves, Flanges, Fittings and Other Piping Components – Magnetic Particle Examination Method


MSS SP-93  Quality Standard for Steel Castings and Forgings for Valves, Flanges, Fittings, and Other Piping Components – Liquid Penetrant Examination Method

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  Guidelines on Terminology for Valves and Fittings

ANSI/MSS SP-114  Corrosion Resistant Pipe Fittings Threaded and Socket Welding Class 150 and 1000

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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