ASTM Standards for Process Piping

Foreword

For the first time, ASTM International has compiled this valuable companion resource to the 2015 ASME B31.3 Process Piping Code. The main purpose of this compilation is to have the B31.3-2014 Appendix E listed ASTM material standards year-date edition, as described in the following excerpt.

ASME B31.3-2014
APPENDIX E
REFERENCE STANDARDS

> Standards incorporated in this Code by reference, and the names and addresses of the sponsoring organizations, are shown in the Appendix. The specific edition reference dates are included in the compilation along with the active versions. *Please note: The Appendix is not included in this collection.*
>
> If compliance with a specific edition is a requirement of the intended service, it usually will be necessary to state the specific requirement in the purchase specification and to maintain identification of the component until it is put in service.

This online subscription compilation includes more than 200 ASTM standards listed in ASME B31.3-2014 Appendix E, and much more, as follows:

- ASTM standards with ASME B31.3-2014 Appendix E listed year-date editions,
- redline edition of the Appendix E listed ASTM standards showing changes from the previous edition,
- historical editions of the Appendix E ASTM standards, and
- current editions* of the Appendix E ASTM standards.

*For your convenience, the current edition of the ASTM standards found in B31.3-2014 Appendix E are updated twice weekly so that you can access the latest editions should they be required for specific service applications as described in ASME B31.3, Appendix E.

This collection will be a useful, one-source reference to a broad cross-section of ASME B31.3 users, including engineers, designers, contractors, purchasers, testing labs, and manufacturers responsible for the compliance of safe design, construction, and testing of process piping, especially found in petroleum refineries; LNG, chemical, pharmaceutical, textile, pulp and paper, and cryogenic plants; as well as related processing plants and terminals.

Some of the key standards in this online subscription are the following:

A105/A105M	Standard Specification for Carbon Steel Forgings for Piping Applications
A106/A106M	Standard Specification for Seamless Carbon Steel Pipe for High-Temperature Service
A182/A182M	Standard Specification for Forged or Rolled Alloy and Stainless Steel Pipe Flanges, Forged Fittings, and Valves and Parts for High-Temperature Service
A193/A193M	Standard Specification for Alloy-Steel and Stainless Steel Bolting for High Temperature or High Pressure Service and Other Special Purpose Applications
A194/A194M	Standard Specification for Carbon Steel, Alloy Steel, and Stainless Steel Nuts for Bolts for High Pressure or High Temperature Service, or Both
A213/A213M	Standard Specification for Seamless Ferritic and Austenitic Alloy-Steel Boiler, Superheater, and Heat-Exchanger Tube
A312/A312M	Standard Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes
A320/A320M	Standard Specification for Alloy-Steel and Stainless Steel Bolting for Low-Temperature Service
A333/A333M	Standard Specification for Seamless and Welded Steel Pipe for Low-Temperature Service
A370	Standard Test Methods and Definitions for Mechanical Testing of Steel Products
B163	Seamless Nickel and Nickel Alloy Condenser and Heat-Exchanger Tubes
B165	Nickel-Copper Alloy (UNS N04400) Seamless Pipe and Tube
B167	Nickel-Chromium-Iron Alloys and Nickel-Chromium-Cobalt-Molybdenum Alloy Seamless Pipe and Tube
B366	Factory-Made Wrought Nickel and Nickel Alloy Fittings
B407	Nickel-Iron-Chromium Alloy Seamless Pipe and Tube
B704	Welded UNS N06625, UNS N06219 and UNS N08825 Alloy Tubes
E213	Practice for Ultrasonic Testing of Metal Pipe and Tubing
E709	Standard Guide for Magnetic Particle Testing