Founded 1882

PHOENIX ®

Commanding a Higher Standard ℠

THE PHOENIX FORGE GROUP

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PRODUCT SPECIFICATION BULLETIN

CERTIFICATE of COMPLIANCE

PIPE PLUGS and BUSHINGS – HIGH PRESSURE

We hereby certify that the high-pressure pipe plugs and bushings, manufactured by Capitol Manufacturing and Phoenix Forging Company, fully conform to the latest editions of ASTM/ASME A105/SA105 or A182/SA182, Grades F304/F304L or F316/F316L.

The ASME B16.11 plugs and bushings are not identified by Class designation but may be used through and including Class 6000 pressure ratings. MSS SP-114 Class 1000 plugs and bushings are marked Class 1M. Class 1M plugs and bushings may be used for ratings up through and including Class 1000.

These products conform to the applicable metallurgical and hardness requirements of requirements of NACE MR0175/ISO 15156 and NACE MR0103 and do not exceed a Rockwell hardness of C-22 or a Brinnell hardness of 187 HBW maximum. These products conform to the applicable requirements of CSA B51-19 and the latest editions of ASME B31.1, B31.3, B31.8, and ASME Section VIII, Division 1 and 2 of the Boiler and Pressure Vessel Codes.

The threads of these forged fittings conform to the latest edition of the ASME B1.20.1 NPT General Purpose Pipe Thread Standard as specified by ASME B16.11. The standard surface finish of ASTM/ASME A/SA105 forged fittings is clean and black phosphate conversion coated. The standard finish for ASTM/ASME A/SA182 forged fittings is pickled and passivated in accordance with the latest edition of ASTM A380 Standard Practice for Cleaning and Descaling Stainless Steel Parts, Equipment, and Systems. These products contain less than 0.25% lead conforming to the low lead maximum limits specified by the Safe Drinking Water Act of 2014, NSF/ANSI 61 and NSF/ANSI 372. These products were not exposed to mercury or any other metal alloy that is liquid at ambient temperatures during processing or while in our possession.

These products are produced in accordance with the Capitol Manufacturing and Phoenix Forging Company ISO 9001:2015 Certified Quality System Program. We certify that these forgings are forged, machined, and inspected in the United States of America.

Bulletin: B-13.01 Rev. 9 Date: 01/03/25 Approved: J. Nickel Title: Technical Services Engr.

CAPITOL manufacturing
Crowley, LA, USA

CAMCO fittings
Crowley, LA, USA

CapPRODUCTS LTD
Vanastra, ON, Canada

CONDUIT pipe products, co.
West Jefferson, OH, USA

PHOENIX
Catasaqua, PA, USA