



Commanding a Higher StandardSM

THE PHOENIX FORGE GROUP

1020 MACARTHUR ROAD, READING, PA 19605-9404
(610) 374-3117 • FAX: (610) 374-5211
www.phoenixforge.com

PRODUCT SPECIFICATION BULLETIN

DECLARATION OF CONFORMANCE

TANK and CYLINDER FITTINGS – ASME SA181

The tank and cylinder fittings manufactured by the Phoenix Forging Company conform to proprietary requirements of The Phoenix Forge Group. The requirements include the applicable requirements of CSA-51:19, ASME B31.1, B31.3, B31.8, and ASME Section VIII, Division 1 and 2 Boiler and Pressure Vessel Codes. The raw material used to produce these tank and cylinder fittings conforms to the requirements of the latest edition of ASTM/ASME A/SA181 Standard Specifications for Carbon Steel Forgings, for General Purpose Piping.

These fittings conform to the applicable metallurgical and the maximum hardness requirements of Rockwell C22 as specified in the latest edition of NACE MR0175/ISO15156 and NACE MR0103. The steel used to make these fittings was fully killed using fine grain melting practice.

The threads of these fittings conform to the latest edition of the ASME B1.20.1 NPT General Purpose Pipe Thread Standard. The standard surface finish of these fittings is cleaned and black phosphate conversion coating process or pickled and oiled to prevent corrosion. 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 manufactured in accordance with the latest edition of the Phoenix Forging Company Quality Management System Program conforming to the requirements of ISO 9001:2015. The Phoenix Forge Company brand tank and cylinder fittings are manufactured and inspected in the United States of America.

The ASTM/ASME A/SA181 raw material used to make these finished fittings was melted in and originates from USA or Canada.

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CAPITOL
manufacturing
Crowley, LA, USA

CAMCO
Fittings
Crowley, LA, USA

CAP PRODUCTS LTD
Vanastara, ON, Canada

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

PHOENIX
Catasauqua, PA, USA