



Commanding a Higher StandardSM

THE PHOENIX FORGE GROUP

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PRODUCT SPECIFICATION BULLETIN

DECLARARTION OF CONFORMANCE

TRANS-O-CON® BRANCH OUTLET FITTINGS

The ASTM/ASME A/SA 105 Trans-O-Con® branch outlet fittings manufactured the Phoenix Forging Company conform to the requirements of the latest edition of MSS SP-97, MSS Recommended Practice for Integrally Reinforced Forged Branch Outlet Fittings. The raw material used to produce these fittings conforms to the requirements of the latest edition of ASTM/ASME A/SA105 Standard Specification for Carbon Steel Forgings for Piping Applications. The steel that was used to make these fittings was fully killed during the steel making process using fine-grained melting practice.

These products 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. These products conform to the applicable requirements of the latest editions of CSA-B51, ASME B31.1, B33.3, B31.8, and ASME Section VIII, Division 1 and 2 Boiler and Pressure Vessel Codes.

The threads of these fittings conform to the latest edition of the ASME B1.20.1 NPT General Purpose Pipe Thread Standard as specified by MSS SP-97. The socket-welding and butt-welding end finish dimensions of these fittings conform to MSS SP-97. These fittings are cleaned and black phosphate conversion coated 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 Forging Company brand carbon steel branch outlet fittings are manufactured and inspected in the United States of America.

The ASTM/ASME A/SA105 raw material used to make these fittings was not melted or manufactured in China, Taiwan, Democratic Republic of Congo, or any other adjoining African conflict materials countries.

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