



Commanding a Higher StandardSM

THE PHOENIX FORGE GROUP

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PRODUCT SPECIFICATION BULLETIN

CERTIFICATE of COMPLIANCE

SWAGE NIPPLES and BULL PLUGS – CARBON STEEL

We hereby certify that the carbon steel swage nipples and bull plugs manufactured by Capitol Manufacturing conform to the chemical and mechanical requirements of ASTM/ASME A/SA234 Grade WPB seamless materials. These products are acceptable for use in sour service applications conforming 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 197 HBW maximum.

These products conform to MSS SP-95 and 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. These products are made from seamless materials only and are not of welded construction.

The threads are manufactured and inspected in accordance with the ASME B1.20.1 pipe thread standard. The dimensions of these fittings conform to the requirements of MSS-SP95. The end wall thickness of the bull plugs manufactured by Capitol Manufacturing is equal to or greater than, the minimum L2 internal thread length requirements of ASME B1.20.1.

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 Capitol Manufacturing or Phoenix Forging Company Quality Management System Program conforming to the requirements of ISO 9001:2015. Capitol Manufacturing or Phoenix Forging Company brand swage nipples are formed, machined, and inspected in the United States of America

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