



Commanding a Higher Standard<sup>SM</sup>

# THE PHOENIX FORGE GROUP

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## PRODUCT SPECIFICATION BULLETIN

### CERTIFICATE of COMPLIANCE

### CORROSION PROTECTIVE COATING COMPLIANCE

### PHOSPHATE COATINGS – A105 FORGED STEEL FITTINGS AND A106 PIPE NIPPLES

We hereby certify that the ASTM A105 forged steel fittings and ASTM A106 pipe nipples, manufactured by Capitol Manufacturing and The Phoenix Forging Company, are phosphate coated fully conforming to the corrosion protective coating requirements of ASTM A960-2014 and ASTM A961-2014.

Capitol Manufacturing and The Phoenix Forging Company has applied the phosphate coating on all socket welding, butt welding, propane tank flanges, half couplings, and various pipe fittings that are intended for welding for more than 50 years without any known adverse effects on welding, safety, or human health effects.

We further certify that the phosphate coating that we apply to our products conform to the applicable requirements of the following Standards:

- ASTM A960-2014, Common Requirements for Wrought Steel Piping Fittings
- ASTM A961-2014, Common Requirements for Steel Flanges, Forged Fittings, Valves, and Parts for Piping Applications
- MIL-P-500002B, Phosphate Coating Compounds for Phosphatizing Ferrous Metals
- DOD-P-16232F, Phosphate Coating, Heavy Manganese or Zinc Base
- MIL-HDBK 205A, Phosphate and Black Oxide Coating of Ferrous Metal

We certify that Capitol Manufacturing and The Phoenix Forging Company brand forged steel fittings are manufactured and inspected in the United States of America. These products are manufactured in accordance with the Capitol Manufacturing and The Phoenix Forging Company Certified Quality System Program conforming to ISO 9001:2008.

These products are inspected by independent quality control personnel conforming to the requirements of EN 10204 Section 3.1. 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 do not include heavy metals (lead, mercury, cadmium, and hexavalent chromium) and brominated flame retardants (polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE) and fully comply with the European Directive EU 2011/65/EC RoHS requirements. We further certify that these products fully conform to the low lead Safe Drinking Water Act of 2014 and NSF 61 requirements containing less than 0.25% lead.

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