



Date: _____

Fitting and Accessory Certificate of Compliance

Star Distributor: _____

Contractor: _____

Project Name: _____

Project Location: _____

Domestic Products Provided: _____

Import Products Provided: _____

Star Pipe Products offers both Domestic products manufactured in the USA or Imported products manufactured overseas. Please refer to our online Submittals for Country of Origin Certification and product availability.

Star certifies that all Mechanical Joint, Push-On, Flanged fittings and glands are made of traceable and tested ductile iron per ASTM A536. All fittings and glands are cast with the required markings and conforms to the requirements of:

- ANSI/AWWA C110/A21.10, ANSI/AWWA C111/A21.11, and ANSI/AWWA C153/A21.53. Or any current revisions to these standards.
- All Mechanical Joint and Push-On fittings are compatible for use with ductile iron pipe conforming to ANSI/AWWA C150/A21.50 and ANSI/AWWA C151/A21.51 and PVC pipe conforming to ANSI/AWWA C900-16 and ANSI/AWWA C909-16.

Star Pipe maintains 3rd Party Fitting Approvals and Listings with Underwriter Laboratories (UL) and Factory Mutual (FM) – please refer to their website for sizes and configurations.

- Compact C153 or ANSI/AWWA C153/A21.53 ductile iron Mechanical Joint and Push-On fittings from 2” through 24” are rated for 350 psi working pressure, with a 100 psi surge allowance. Mechanical Joint fittings from 30” through 48” are rated for 250 psi working pressure, with a 100 psi surge allowance.
- Full Body C110 or ANSI/AWWA C110/A21.10 ductile iron Mechanical Joint fittings from 2” through 24” are rated for 350 psi working pressure, with a 100 psi surge allowance. Mechanical Joint fittings from 30” through 48” are rated for 250 psi working pressure, with a 100 psi surge allowance.
- Full Body C110 or ANSI/AWWA C110/A21.10 ductile iron Flanged fittings from 1” through 48” are rated for 250 psi working pressure, with a 100 psi surge allowance. Flange fittings 24” and smaller can be rated for 350 psi working pressure with the use of special annular ring molded gaskets, like our Star-Tite™ flanged gaskets. *Per ANSI/AWWA C110/A21.10 Section A.3, flanged fittings are not recommended for buried applications due to the rigidity of the joint.
- Compact C153 or ANSI/AWWA C153/A21.53 ductile iron Mechanical Joint and Flange fittings in sizes 54” through 64” are rated for 150 psi working pressure, with a 100 psi surge allowance.

- **NOTES & EXCEPTIONS:** 1) Ductile iron Mechanical Joint, Push-On and Flanged laterals/wyes are not rated in AWWA standards, please contact Star for allowable pressure ratings. 3) For deflection of Mechanical Joint and Push-On fittings, please refer to our product catalog.

Star Pipe cement lined/asphalt coated ductile iron fittings for Potable Water use conform to the requirements of ANSI/AWWA C104/A21.4. Star Pipe FBE (fusion bonded epoxy) lined and coated ductile iron fittings for Potable Water use conform to the requirements ANSI/AWWA C116/A21.16 and ANSI/AWWA C550. Potable water fittings provided by Star Pipe are also approved and compliant to National Sanitation Foundation Standards 61, 372 and Annex G. Current revisions to these standards also apply.

STAR® PIPE PRODUCTS

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Star Pipe Mechanical Joint fittings, glands, t-head bolts, and nuts are manufactured and conform to the requirements of ANSI/AWWA C111/A21.11. Star Pipe Mechanical Joint gaskets are manufactured and conform to the requirements of ANSI/AWWA C111/A21.11.

Applicable ANSI/AWWA design tests have been conducted and test results maintained to ensure all products provided meet those standards.

Vivek Sharma

Director (Product Management Group)

Star Pipe Products

This document is void if modified in any manner other than the addition of distributor, contractor, or project details.

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