



Confirmation of Product Type Approval

Company Name: VICTAULIC COMPANY

Address: 4901 KESSLERSVILLE ROAD PA 18040 United States

Product: Pipe Coupling

Model(s): Style 99 (Roust-A-Bout Coupling)

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	17-HS1623513-PDA	22-MAY-2017	21-MAY-2022
Manufacturing Assessment (MA)	16-PA3150618	07-JUN-2016	06-JUN-2021
Product Quality Assurance (PQA)	NA	NA	NA

Tier

3

Intended Service

Marine & Offshore Applications: (1) Fresh Water Systems-in accessible Locations only. (2) Sea Water Cooling Systems-in accessible Locations only and Inboard of the required Shell Valves. (3) Bilge Systems-in accessible locations only and not in Cargo Holds or Deep Tanks. (4) Ballast Systems-in accessible locations only or when the Pipelines pass through other Ballast Tanks. (5) Firemains, Waterspray, sprinkler, in accessible locations (6) Compressed Air Systems-in accessible locations only. (7) Sanitary Systems-in accessible locations only and in Board of the required Shell Valves. (8) Potable Water Systems-in accessible locations only. (9) Vents, Overflows and Sounding Pipes of Tanks to Services listed above-in accessible locations provided they are not located in such a position that subsequent leakage would create Hazards by way of Fire, Damage to Electrical Systems or Cargo and by Release of Noxious or Toxic Vapors in Enclosed Spaces.

Description

Style 99-Plain End Coupling with Grade E / EPDM gaskets

Ratings

Sizes 1½ " - 10" Max rated working pressure 225 psi

12" Max rated working pressure 200 psi

Service Restrictions

Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined.

(1) The couplings are to be used on plain end carbon steel pipe ASTM A53 Schedule 40 or thicker.

(2) The components are to be installed in a location where leakage would not create a hazard by way of damage to electrical systems or otherwise create a hazard to the vessel, equipment or personnel

onboard.

(3) Couplings are to be used in applications not exceeding the temperature limitations of the gasket material as specified by the manufacturer.

(4) All couplings are to be installed in accordance with the guidelines and limitations of the Manufacturer as well as those specified in 4-6-2/5.5 and 4-6-2/3 of the Rules.

(5) The components and gaskets are to be installed in accordance with the manufacturer's recommendation / limitations / requirements.

(6) Above pressure ratings are based upon castings made of ASTM A 536, Grade 65-45-12 material

(7) Style 99 couplings are not to be used in systems where pressure pulsation is expected in accordance with 4-6-2 / Table 12 Note 1.

(8) Style 99 couplings are not designed to provide linear or angular movement.

Comments

Duplicate PDA resides with Victaulic Company - ALBURTIS

The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.

Notes, Drawings and Documentation

Drawing No. 14.02, Roust-A-Bout Couplings Style 99, Revision: -, Pages: 1

Drawing No. ABS TAC 05 HS492581B-3 PDA Attachment S99, ABS TAC 05 HS492581B-3 PDA Attachment S99, Revision: -, Pages: 1

Drawing No. D-C-010-099-002, ASSEMBLY, COUPLING 1 INCH THRU 18 INCH AND 76, 1MM, 139,7MM, 165MM STYLE 99 ROUST-A-BOUT, Revision: G, Pages: 1

Drawing No. D-H-014-099-001, COUPLING HOUSING, ROUST-A-BOUT, 1-1/2" / 48,3mm STYLE 99, Revision: C, Pages: 1

Drawing No. D-H-020-099-001, COUPLING, HOUSING, 2 / 60,3mm STYLE 99, Revision: C, Pages: 1

Drawing No. D-H-030-099-001, COUPLING HOUSING, ROUST-A-BOUT, 3" / 88,9mm, Revision: B, Pages: 1

Drawing No. D-H-034-099-001, COUPLING HOUSING, ROUST-A-BOUT, 3-1/2" / 101,6mm STYLE 99, Revision: C, Pages: 1

Drawing No. D-H-060-099-001, COUPLING HOUSING, ROUST-A-BOUT, 6" / 168,3mm STYLE 99, Revision: B, Pages: 1

Drawing No. D-H-165-099-001, COUPLING HOUSING, ROUST-A-BOUT, 165mm STYLE 99, Revision: B, Pages: 1

Supporting Data (previous task T1084385):

- Drawing List dated 2 July 2012, Task 914102 and 24 February 2014, Task T1084385;

Term of Validity

This Product Design Assessment (PDA) Certificate 17-HS1623513-PDA, dated 22/May/2017 remains valid until 21/May/2022 or until the Rules or specifications used in the assessment are revised (whichever occurs first).

This PDA is intended for a product to be installed on an ABS classed vessel, MODU or facility which is in existence or under contract for construction on the date of the ABS Rules or specifications used to evaluate the Product.

Use of the Product on an ABS classed vessel, MODU or facility which is contracted after the validity date of the ABS Rules and specifications used to evaluate the Product, will require re-evaluation of the PDA.

Use of the Product for non ABS classed vessels, MODUs or facilities is to be to an agreement between the manufacturer and intended client.

ABS Rules

2017 Steel Vessels Rules: 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-6-2/5.9, 4-6-2/5.5;

2017 Mobile Offshore Drilling Unit: 1-1-4/9.7, 1-1-A2, 1-1-A3,4-2-1/11.13;

International Standards

EPDM Gaskets have passed ISO 19921 and 19922 Fire Endurance Test

EU-MED Standards

NA

National Standards

NA

Government Standards

NA

Other Standards

NA



A handwritten signature in blue ink, appearing to read 'James J. White'.

Corporate ABS Programs
American Bureau of Shipping
Print Date and Time: 23-Apr-2020 3:00

ABS has used due diligence in the preparation of this certificate, and it represents the information on the product in the ABS Records as of the date and time the certificate is printed.

If the Rules and/or standards used in the PDA evaluation are revised or if there is a design modification (whichever occurs first), a PDA revalidation may be necessary.

The continued validity of the MA is dependent on completion of satisfactory audits as required by the ABS Rules. The validity of both PDA and MA entitles the product to receive a **Confirmation of Product Type Approval**.

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or prior to the effective date of the ABS Rules and standards applied at the time of PDA issuance. ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. The manufacturer is responsible to maintain compliance with all specifications applicable to the product design assessment. Unless specifically indicated in the description of the product, certification under type approval does

not waive requirements for witnessed inspection or additional survey for product use on a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

Questions regarding the validity of ABS Rules or the need for supplemental testing or inspection of such products should, in all cases, be addressed to ABS.