



Confirmation of Product Type Approval

Please refer to the "Service Restrictions" shown below to determine if Unit Certification is required for this product.

This certificate reflects the information on the product in the ABS Records as of the date and time the certificate is printed.

Pursuant to the Rules of the American Bureau of Shipping (ABS), the manufacturer of the below listed product held a valid Manufacturing Assessment (MA) with expiration date of 16/JUN/2016. The continued validity of the Manufacturing Assessment is dependent on completion of satisfactory audits as required by the ABS Rules.

And; a Product Design Assessment (PDA) valid until 25/NOV/2018 subject to continued compliance with the Rules or standards used in the evaluation of the product.

The above entitle the product to be called Product Type Approved.

The Product Design Assessment is valid for products intended for use on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product.

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.

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.

Product Name: Pipe Coupling

Model Name(s): Vic-Press Style P507, P508, P560, P562, P563, P568, P571, P572, P573, P574, P575, P576, P577, P578, P579, P585

Presented to:

VICTAULIC COMPANY
4901 KESSLERSVILLE ROAD
EASTON
United States

Intended Service:	Marine & Offshore Applications - for Water, Oil , Gases & General Chemical Services.
Description:	Vic-Press Compression Style Coupling
Ratings:	Sizes: ½" to 2" (15 - 50mm) Sch. 10S Type 316 Stainless Steel Pressure: 232 psi (16 bar); Seal: HNBR and EDPM Maximum Temperature: 210°F (98°C) for HNBR, 250°F (121°C) for EPDM Minimum Temperature: -20°F (-29°C) for HNBR, -30°F (-34°C) for EPDM See attached "pdf" Vic-Press Product Listing;
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. Only to be used in Class III piping as per 4-6-2/Table 11 of the SVR The components and seals (Victaulic Gasket Selection Data 05.01) are to be installed in accordance with the manufacturer's recommendation / limitations / requirements.
Comments:	Duplicate PDA resides with Victaulic Company - LELAND; The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product. The special tool required for installation of the joints is to be kept onboard as per 4-6-2/9.6 of the SVR See 4-6-2/Table 10 and Table 11 of the SVR for the

application of mechanical joints

Notes / Documentation:

Supporting Data: * Vic Press Drawing List, Rev. B dated 3 Oct 2013, sht 3, 4 & 5. See attached "pdf"; * Vic Press Product Matrix Marine Approval Testing dated 03 Oct.2013; * Vic Press, Schedule 10S, Publication 18.11, Type 316 Stainless Steel Pipe System, 18 Pages; * Report No. 12-5841-1, 2" NPS S/P 508 Vic Press Compression Style Coupling, Report of Pressure Pulsating with Vibration (Fatigue) Test, 13 Pages, dated 8 July 2013; * Report No. 12-5841-2, 2" NPS SCH 10S S/P 585 Vic Press Compression Style Coupling, Report of Pressure Pulsating with Vibration (Fatigue) Test, 13 Pages, dated 8 July 2013; * Report No. 12-5841-3, 1½" NPS S/P 574 Vic Press Compression Style Coupling, Report of Pressure Pulsating with Vibration (Fatigue) Test, 13 Pages, dated 8 July 2013; * Report No. 12-5841-4, 1" NPS S/P 507 Vic Press Compression Style Coupling, Report of Pressure Pulsating with Vibration (Fatigue) Test, 13 Pages, dated 8 July 2013; * Report No. 12-5841-5, ¾" NPS S/P 577 Vic Press Compression Style Coupling, Report of Pressure Pulsating with Vibration (Fatigue) Test, 13 Pages, dated 8 July 2013; * Report No. 12-5841-6, 1" NPS S/P 562 Vic Press Compression Style Coupling, Report of Pressure Pulsating with Vibration (Fatigue) Test, 13 Pages, dated 8 July 2013; * Report No. 12-5841-7, ½" NPS S/P 571 Vic Press Compression Style Coupling, Report of Pressure Pulsating with Vibration (Fatigue) Test, 13 Pages, dated 19 July 2013; * Vacuum, Pullout, Tightness Test Results D1/L1 to D3/L3 & Calibration Certificates;

Term of Validity:

This Product Design Assessment (PDA) Certificate 13-HS1108710-PDA, dated 26/Nov/2013 remains valid until 25/Nov/2018 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:

2013 Steel Vessels Rules 1-1-4/7.7, 1-1-Appendix 3, 4-6-2/5.9, 4-6-2/5.5;

National Standards:

International Standards:

ISO 19921 / 19922

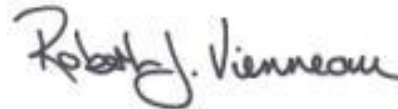
Government Authority:

EUMED:

Others:

None

Model Certificate	Model Certificate No	Issue Date	Expiry Date
PDA	13-HS1108710-PDA	26/NOV/2013	25/NOV/2018



ABS Programs

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 was printed. Type Approval requires Drawing Assessment, Prototype Testing and assessment of the manufacturer's quality assurance and quality control arrangements. Limited circumstances may allow only Prototype Testing to satisfy Type Approval. The approvals of Drawings and Products remain valid as long as the ABS Rule, to which they were assessed, remains valid. ABS cautions manufacturers to review and maintain compliance with all other specifications to which the product may have been assessed. Further, unless it is specifically indicated in the description of the product; Type Approval does not necessarily waive witnessed inspection or survey procedures (where otherwise required) for products to be used in a vessel, MODU or facility intended to be ABS classed or that is presently in class with ABS. 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.