



Confirmation of Product Type Approval

Company Name: ROBERT H. WAGER CO., INC.

Address: 570 MONTROYAL ROAD Rural Hall NC 27045 United States

Product: Valve, Inverted Vent Check

Model(s): 1700 / 1750

Endorsements:

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	23-2462086-PDA	10-OCT-2023	09-OCT-2028
Manufacturing Assessment (MA)	22-5479559	19-OCT-2022	15-NOV-2027
Product Quality Assurance (PQA)	NA	NA	NA

Tier

3 - Type Approved, unit certification not required

Intended Service

Marine & Offshore Application - Automatic Closing Tank Vent Valves.

Description

Inverted Vent Check Valves and Ballast Float Valves for Tanks.

Ratings

Sizes 1.5", 2", 2.5", 3", 4", 5", 6", 8", 12", 10", 14", 16"

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.

Comments

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

2. All valves are to bear permanent identification, such as the manufacturer's name or trademark, standard of compliance, material identify, pressure rating, etc. as required by the standard of compliance and at which the manufacturer guarantees the valve to meet the requirements of the standards. Such markings may be cast or forged integral with, stamped on, or securely affixed by nameplate on the component, and are to serve as a permanent means of identification of the component throughout its service life in accordance with 4-6-2/5.11.4 and 4-6-1/7.1.4 of Marine Vessel Rules.

3. To be installed in accordance with all applicable requirements specified in 4-6-4/9 of the ABS Marine Vessels Rules.

Notes, Drawings and Documentation

Drawing No. 12-1700, Vacuum Test 5/16/2016, Revision: -, Pages: -

Drawing No. 16-1700, Vacuum Test Old, Revision: -, Pages: -

Term of Validity

This Product Design Assessment (PDA) Certificate remains valid until 09/Oct/2028 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

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 previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

ABS Rules

2023 Rules for Conditions of Classification: 1-1-4/7.7, 1-1-A3, 1-1-A4, which covers the following:

2023 Rules for Building and Classing Marine Vessels: 4-6-4/9.3.5 (a), 4-6-4/9.3.7

2023 ABS Rules for Conditions of Classification (2018) – Offshore Units and Structures: 1-1-4/9.7, 1-1-A2, 1-1-A3, which covers the following:

2023 Rules for Building and Classing Mobile Offshore Units: 4-2-3/1.9.5

International Standards

NA

EU-MED Standards

NA

National Standards

NA

Government Standards

NA

Other Standards

Manufacturer's Specifications

Technical Requirement: EU RO Mutual Recognition for Air Pipe Automatic Closing Device, Version 0.5, dated 2023-07-01





Corporate ABS Programs
American Bureau of Shipping
Print Date and Time: 03-Jan-2025 1:38

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.