



CERTIFICATE NUMBER
17-HS1605324-PDA

DATE
01 Mar 2017

ABS TECHNICAL OFFICE
Houston ESD - Piping

CERTIFICATE OF DESIGN ASSESSMENT

This is to certify that a representative of this Bureau did, at the request of

W & O SUPPLY INC. (HOUSTON)

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

Product: **Valve, Cast Steel Globe**

Model: **15041C, 15041C-SC, 15041B & 15041B-SC**

This Product Design Assessment (PDA) Certificate 17-HS1605324-PDA, dated 01/Mar/2017 remains valid until 28/Feb/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.

AMERICAN BUREAU OF SHIPPING

Tim Kimble
Engineer/Consultant

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product, without approval from ABS will result in this certificate becoming null and void. This certificate is governed by the terms and conditions as contained in ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2016).

W & O SUPPLY INC. (HOUSTON)

8000 MARKET ST., SUITE 220

HOUSTON TX

United States 77029

Telephone: 904-354-3800

Fax: 904-354-2529

Email: lisa.molinari@wosupply.com

Web: www.wosupply.com

Tier: 2 - PDA Issued

Product: Valve, Cast Steel Globe

Model: 15041C, 15041C-SC, 15041B & 15041B-SC

Intended Service:

Marine & Offshore Applications. For piping systems where cast steel ANSI Class 150 valves are acceptable.

Description:

Cast Steel Angle valves, Class 150, Aluminum bronze and CR13/HF trims. Stop check option.

Rating:

Cast steel valve sizes: 2" to 16"

Pressure rating: ANSI 150 Class

Service Restriction:

Unit Certification is not required for this product.

Comments:

1. The manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
2. In general unit certification is not required for this product, however, all valves intended for installation on the side shell at or below the deepest load waterline, including those at the sea chests, are to be hydrostatically tested in the presence of the Surveyor, before installation, to a pressure of at least 5 bar (5.1 kgf/cm², 72.5 psi) as indicated in ABS Steel Vessel Rules 4-6-2/7.3.2

Notes/Drawing/Documentation:

Dwg. Declaration of Conformity (T1605324)

Dwg. Drawing Submittal Package (Task 880220)

See attached Catalog.

Terms of Validity:

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STANDARDS

ABS Rules:

2017 Rules for Building and Classing Steel Vessels 1-1-4/7.7, 1-1-Appendix 3 & 4, 4-6-2/5.11 & 7.3 ;

2017 Rules for Building and Classing Mobile Offshore Drilling Units 1-1-4/9.7, 1-1-Appendix 2 &3, 4-2-2/9

National:

ASME/ANSI B16.34 (2013)

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Tier: 2 - PDA Issued

International:

BS1873 (1975)

Government:

NA

EUMED:

NA

OTHERS:

NA