



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 09/NOV/2019. 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 17/NOV/2021 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: Valve, Gate, Globe & Check

Model Name(s): ISO 17292, IEC 60534, BS 1873, BS 1868, API 609, API 600, API 6D, API 602, API 623, API 594, GB/T12234, GB/T12235, GB/T12236, GB/T12237

Presented to:

NEWAY VALVE (SUZHOU) CO. LTD
NO.666 TAISHAN ROAD, NEW DISTRICT
China

Intended Service:

Marine & Offshore Application - for piping systems of Fresh Water, Sea Water, Vapor, gas, Steam and Oil

Description:

Floating Ball Valve, Trunnion Mounted Ball Valve, Single-Seated Control Valve, Eccentric Rotary Control Valve, Cage Control Valve, Double Offset Butterfly Valve, Triple Offset Butterfly Valve, Casting Gate Valve, Casting Globe Valve, Casting Check Valve, Forged Gate Valve, Forged Globe Valve, Forged Check Valve, Through Conduit Gate Valve, Dual Plate Check Valve, Non Rising Gate Valve, Gate Valve, Globe Valve, Lift Check Valve, Swing Check Valve, Floating Ball Valve

Ratings:

See Attachment

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. 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 5bar. 3. Not used in the fuel oil tank, lubricating oil tank valves

remote shutdown and firemain system. 4. Hydrostatic test is to be carried out at 1.5 times the design pressure, or in accordance with applicable design codes/standards. 5. 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 the Steel Vessels Rules.

Notes / Documentation:

Drawing No. Drawing Title
 NWBV-001 Floating Ball Valve
 NWBV-002 Trunnion Mounted Ball Valve
 NWCV-001 Single-Seated Control Valve
 NWCV-002 Eccentric Rotary Control Valve
 NWCV-003 Cage Control Valve
 NWTV-001 Concentric Butterfly Valve
 NWTV-002 Double Offset Butterfly Valve
 NWTV-003 Triple Offset Butterfly Valve
 NWGV-001 Casting Gate Valve
 NWGLV-001 Casting Globe Valve
 NWSV-001 Casting Check Valve
 NWGV-002 Forged Gate Valve
 NWGLV-002 Forged Globe Valve
 NWSV-002 Forged Check Valve
 NWGV-003 Through Conduit Gate Valve
 NWGLV-003 Dual Plate Check Valve
 NWGV-004 Non Rising Gate Valve
 NWBV-003 Floating Ball Valve
 NWBV-004 Trunnion Mounted Ball Valve
 NWGV-005 Gate Valve
 NWGLV-004 Globe Valve
 NWSV-003 Lift Check Valve
 NWSV-004 Swing Check Valve
 NWGLV-003 Globe Valve
 NA Valve Dimension

Term of Validity:

This Product Design Assessment (PDA) Certificate 16-SQ1572784-PDA, dated 18/Nov/2016 remains valid until 17/Nov/2021 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:

ABS Steel Vessel Rules 2016: 1-1-4/7.7, 1-1-A3 and 1-1-A4, 4-6-2/5.11
 ABS Rules for Building and Classing Steel Vessels Under 90 Meters (295 feet) in Length 2016: 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-4-2/11
 ABS Rules for Building and Classing Offshore Support Vessels 2016: 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-6-2/5.11
 ABS Rules for Building and Classing Mobile Offshore Drilling Units 2016: 1-1-4/9.7, 1-1-A2, 1-1-A3, 4-2-2/9

National Standards:

API Standard 609 Eighth Edition, February 2016
 API Standard 600 Thirteenth Edition, January 2015
 API Standard 602 Tenth Edition, May 2015
 API Standard 594 Seventh Edition, September 2010
 API Spec 6d Twenty-Fourth Edition August 2014
 API Standard 623 First Edition, September 2013
 GB/T 12234-2007
 GB/T 12235-2007
 GB/T 12236-2007
 GB/T 12237-2007

International Standards:

ISO 17292:2004 IEC 60534-1:2005 BS 1873: 2005 BS 1868:1997

Government Authority:

EUMED:

Others:

Model Certificate	Model Certificate No	Issue Date	Expiry Date
PDA	16-SQ1572784-PDA	22/NOV/2016	17/NOV/2021



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.