



Confirmation of Product Type Approval

Company Name: NEWAY VALVE (SUZHOU) CO. LTD

Address: NO.666 TAISHAN ROAD, NEW DISTRICT, SUZHOU, China, 215129

Product: Valve

Model(s): ISO 17292, IEC 60534, BS 1873, BS 1868, API 609, API 600, API 6D, API 602, API 603, API 623, API 594, GB/T12234, GB/T12235, GB/T12236, GB/T12237

Endorsements:

Certificate Type	Certificate Number	Issue Date	Expiry Date
Product Design Assessment (PDA)	17-SQ1616205-PDA	06-JUN-2017	05-JUN-2022
Manufacturing Assessment (MA)	19-SQ3630892	04-MAR-2019	03-MAR-2024
Product Quality Assurance (PQA)	NA	NA	NA

Tier

3 - Type Approved, unit certification not required

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 as the fuel oil tank, lubricating oil quick-closing valves and firemain system valves.

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, Drawings and 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

NWGV-006 Gate Valve

NA Valve Dimension

Term of Validity

This Product Design Assessment (PDA) Certificate 17-SQ1616205-PDA, dated 06/Jun/2017 remains valid until 05/Jun/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

ABS Rules for Building and Classing Steel Vessels 2017: 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 2017: 1-1-4/7.7, 1-1-A3, 1-1-A4, 4-4-2/11

ABS Rules for Building and Classing Offshore Support Vessels 2017: 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 2017: 1-1-4/9.7, 1-1-A2, 1-1-A3, 4-2-2/9

International Standards

ISO 17292:2004

IEC 60534-1:2005

BS 1873: 2005

BS 1868:1997

EU-MED Standards

NA

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 603 Eighth Edition, February 2013

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

Government Standards

NA

Other Standards

NA



A handwritten signature in blue ink, appearing to read 'Joseph W. ...', is positioned above the printed name.

Corporate ABS Programs
American Bureau of Shipping
Print Date and Time: 30-Aug-2021 8:20

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.