



CERTIFICATE NUMBER	26-0534517-PDA
EFFECTIVE DATE	09-Apr-2026
EXPIRY DATE	08-Apr-2031
ABS TECHNICAL OFFICE	Houston ESD

CERTIFICATE OF Product Design Assessment

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

SSP

located at

8250 BOYLE PARKWAY, , TWINSBURG, OH, United States, 44087-2200

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: Piping System, Fittings and Valves
Model: SSP Valves, Quick Couplings and Filters product families
Endorsements:
Tier: 3 - Type Approved, unit certification not required

This Product Design Assessment (PDA) Certificate remains valid until 08/Apr/2031 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.

American Bureau Of Shipping

Mohamed C Boukamcha

Mohamed C Boukamcha,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 ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement (2010)

SSP

8250 BOYLE PARKWAY

TWINSBURG OH

United States 44087-2200

Telephone: 330-425-4250

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Email: Customer.Service@myssp.com

Web: www.myssp.com

Tier: 3 - Type Approved, unit certification not required

Product: Piping System, Fittings and Valves
Model: SSP Valves, Quick Couplings and Filters product families
Endorsements:

Intended Service:
Valves, Quick Couplings and Filters for Marine and Offshore tube / pipe systems: Hydraulic, Pneumatic and Instrumentation Applications.

Description:

Products:	Series:
Needle Valves	LN - Body: 316 SS - End Connections: 1/8 to 1 in. TF, NPT, BSPT, SAE, SW
Needle Valves	100, 600 - Body: 316 SS, Brass - End Connections: 1/8 to 1/2 in. TF
Metering Valves	500 - Body: 316 SS, Brass - End Connections: 1/8 to 1/2 in. TF, NPT, BSPT
Ball Valves	300 - Body: 316 SS, Brass - End Connections: 1/8 to 3/4 in. TF, NPT
Ball Valves	EB - Body: 316 SS, Brass - End Connections: 1/16 to 3/4 in. TF, NPT, BSPT
Ball Valves	FB - Body: 316 SS - End Connections: 1/4 to 1 in. TF, NPT, BSPT, ORFS
Ball Valves	TB - Body: 316 SS - End Connections: 1/8 to 1/2 in. TF, FNPT, BSPT, SAE
Rising Plug Valves	LP - Body: 316 SS - End Connections: 1/4, 1/2, 3/4 in. inlet; 1/4 & 1/2 in outlet NPT
Rotary Plug Valves	PV - Body: 316 SS, Brass - End Connections: 1/8 to 1/2 in. TF, NPT, BSPT
Ball Check Valves	4000 - Body: 316 SS, Brass - End Connections: 1/8 to 1/2 in. TF, NPT, BSPT
Poppet Check Valves	CH - Body: 316 SS - End Connections: 1/8 to 1 in. TF, NPT, BSPT
Purge Valves	4900 - Body: 316 SS, Brass - End Connections: 1/8 to 1/2 in. TF, TS, NPT, BSP, SAE
Bleed Valves	BV - Body: 316 SS - End Connections: 1/8 to 1/2 in. Male NPT and BSPT
Toggle Valves	200 - Body: 316 SS, Brass - End Connections: 1/8 to 3/8 in. TF, NPT
Relief Valves	RL, RH - Body: 316 SS - End Connections: > Sizes: 1/4 & 1/2 in. TF, NPT, BSPT
Tee Filters	3000 - Body: 316 SS, Brass - End Connections: 1/8 to 1/2 in. TF, NPT
Inline Filters	3100 - Body: 316 SS, Brass - End Connections: 1/8 to 1/2 in. TF, NPT
Quick Couplings	QF - Body: 316 SS, Brass - End Connections: 1/4 to 1 in. TF, NPT, BSPT, BSPP

Rating:
Please see attached file for all models ratings.

Service Restriction:

1. Unit Certification is not required for this product.
2. 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.
3. Brass valves, fittings and filters are not to be used in oil systems.

Comments:

1. The Manufacturer has provided a declaration about the control of, or the lack of Asbestos in this product.
2. Where indicated as 'permanent' in 4-6-1/7.1.4 TABLE 2, the piping component is to bear permanent identification, such as manufacturer's name or trademark, standard of compliance, material identity, pressure rating, etc., as required by the standard of compliance or the manufacturer's specification. 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.

Notes/Drawing/Documentation:
Drawing No. Valve Listing, SSP Valves - Listing 260312, Revision: 260312, Pages:
Drawing No. Quality Cert, AS_9100-ENG-C754799-0-20260220, Revision: 260220, Pages:
Drawing No. Technical Report-FB, FB Series Technical Report Revision B, Revision: B, Pages:
Drawing No. SSP ABS Approvals Listing, Revision: -,
Technical Report No. ILETR111130-002, Rev. -. Total Pages: 13, 100, 400, 500, 600 Series Needle, Metering, Lower Packing Valve

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Technical Report No. ILETR111130-001, Rev. -, Total Pages: 13, 300 Series Ball Valve

Technical Report No. ILETR111130-003, Revision: 0, Total Pages: 13, 3100 Series Inline Filter Valve

Technical Report No. ILETR111130-004, Revision: 0, Total Pages: 13, 4000 Series Check Valve

Technical Report No. ILDTR110721, Revision: 0, Pages: 15, BV Bleed Valve

Technical Report No. ILDTR111221-001, Revision: -, Total Pages: 20, CH Series Check Valve

Technical Report No. ILDTR150519, Revision: B, Total Pages: 19, FB Series Ball Valve

Technical Report No. ILDTR150603, Revision: A, Total Pages: 20, LN Series Needle Valve

Technical Report No. ILETR-111130-005, Revision: 0, Total Pages: 13, PV Series Medium Pressure Rotary Plug

Technical Report No. ILDTR110711, Revision: 0, Total Pages: 28, QF Series Quick Connect High Pressure Couplings

Technical Report No. ILETR110929, Revision: 0, Total Pages: 78, FloLok Valves & SSP Valves TA Luft Certification

Technical Report No. ILDTR180515, Revision: C, Total Pages: 19, SSP R Series Relief Valve

Certificate No.: DS1107484, TA LUFT/VDI 2440:2002 ATTESTATION_TUV SUD America

Set of Drawings 001-072, Valves Construction Drawings

Dimensional Calculation: P-001-13B-100- Valves, ANSI ASME B 31.3 Code Pressure Rating 160419

Document: SSP Valves - Listing 260312

Document: ABS Terms and Conditions - with signature - SSP Instrumentation Valves 150422

Terms of Validity:

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STANDARDS

ABS Rules:

The Rules for Conditions of Classification, 2026 Marine Vessel Rules 1-1-4/7.7, 1-1-A3,1-1-A4, which covers the following:

2026 Rules for Building and Classing Marine Vessels: 4-6-1/7.5.2, Table 2, 4-6-2/5.9, 5.11, 5.13 & 5.15.

The Rules for Conditions of Classification, Offshore Units and Structures, 2026 Offshore Rules 1-1-4/9.7, 1-1-A2, 1-1-A3, which covers the following:

2026 Rules for Building and Classing Offshore Rules: 4-2-2/1.3, 9, 11, 13 & 17, and 4-2-5/1.3 & 3.9.

National:

NA

International:

ASME B31.1-2024, Power Piping

ASME B31.3-2024, Process Piping

ISO 15500-2:2016, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 2: Performance and general test methods

ISO 15500-3:2020, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 3: Check valve

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ISO 15500-4:2020, Road vehicles - Compressed natural gas (CNG) fuel system components - Part 4: Manual valve

Government:

NA

EUMED:

NA

OTHERS:

TA LUFT/VDI 2440:2002 for the following tests: Helium Leak Test under vacuum; Helium Leak Test under pressure; High/Low Temperature Helium Leak Test under pressure; Hydrostatic Hold Test; and Burst Test. (by TÜD SÜD America)