Certificate Number: 08-HS394461-PDA

Confirmation of Product Type Approval 14/JAN/2011

Please refer to the "Service Restrictions" shown below to determine if Unit Certification is required for this product.

This is to certify that, 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 13/JAN/2014. 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 07/DEC/2013 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.

SSP FITTINGS CORP.

Model Name(s): Duolok 1/16" - 2", 3mm - 25mm; Unilok 1/16" - 1"; Griplok 1/16" - 1"

Presented to:
SSP FITTINGS CORP.
8250 BOYLE PARKWAY
TWINSBURG
United States

Intended Service:	Marine & Offshore Hydraulic / Pneumatic Applications
Description:	Tube to Male Pipe, Tube to Female Pipe, Tube to Tube Union, Tube Stub Connectors/Adapters, Tube to Weld, Tube to 37 deg. Flare (AN), Tube to O-Ring Seal & Tube to Straight Thread, Cap & Plug, Component. See manufacturers catalogue for part families listing
Ratings:	As per manufacturer's catalogue.
Service Restrictions:	Unit Certification is not required for this product. a) Not to be used if fittings are required to be approved fire resistant in accordance with SVR 4-6-2 / Table 10 b) To be used in compliance with SVR 4-6-2 / 5.5.5 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:	None
Notes / Documentation:	This Product Design Assessment (PDA) is valid only 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.
Term of Validity:	This Design Assessment Certificate number 08-HS394461-PDA, dated 08/Dec/2008 will expire on 07/Dec/2013 or at an earlier date should there be alterations to the product's design or changes to the referenced ABS Rules and

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other specifications, which affect the product. Product use on or after 1 January 2009, will be subject to compliance with the ABS Rules or specifications in effect when the vessel, MODU or facility is contracted. The product's acceptability on board ABS-classed vessels or facilities is defined in the service restrictions of this certificate.

ABS Rules: 2008 Steel Vessels Rules 1-1-4/7.7, SVR 4-6-2/5.9, 4-6-2/5.15, 4-6-2/5.17

National Standards: ANSI/ASME B31.1, B31.3, ASTM F1387

International Standards:
Government Authority:
EUMED:
Others:

Model Certificate	Model Certificate No	Issue Date	Expiry Date
PDA	08-HS394461-PDA	08/DEC/2008	07/DEC/2013

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.

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