



Certificate of Type Approval

This is to certify that the product detailed below will be accepted for compliance with the applicable Lloyd's Register Rules and Regulations and with the International Convention for the Safety of Life at Sea, (SOLAS), 1974, as amended, for use on ships and offshore installations classed with Lloyd's Register, and for use on ships and offshore installations when authorised by contracting governments to issue the relevant certificates, licences, permits etc.

Manufacturer	Leaffield Marine Limited
Address	9 Atworth Business Park, Bath Road, Atworth, Wiltshire, SN12 8SB United Kingdom (UK)
Type	TRANSFER AND PRESSURE VALVE
Description	A6 Transfer Valve and Pressure Relief Valves "A6PG-XXXXXXX" & "A6NP-XXXXXXX"
Trade Name	"A6PG-XXXXXXX" & "A6NP-XXXXXXX"
Specified Standard	ISO 15738:2019 ISO 9650-1:2022

This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. The manufacturer should notify Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid Certificate.

The attached Design Appraisal Document forms part of this certificate.

This certificate remains valid unless cancelled or revoked, provided the conditions in the attached Design Appraisal Document are complied with and the equipment remains satisfactory in service.

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

Lijo Thomas

Fire & Safety - Senior Surveyor to Lloyd's Register EMEA
A member of the Lloyd's Register group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



DESIGN APPRAISAL DOCUMENT

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Certificate No: LR2424664SS
Issue Date: 15/04/2024
Expiry Date: 14/04/2029
Reference: UKITSO/TA/LSA/LT/MB/WP51950383/PRJ11100425697

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2424664SS

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions, and this Design Appraisal Document forms part of the Certificate.

This Certificate is a Renewal and Amendment of Certificate Number SAS S190065

APPROVAL DOCUMENTATION

<u>Title</u>	<u>Drawing No</u>	<u>Rev</u>	<u>Date</u>
A6 Valve Selection Chart	D99-320	02	24/04/2023

Test Procedure for the Statutory Approval Testing of A6 Transfer and Pressure Relief Valves, M-07-TP-1A6, Rev 01, 19/10/2023.

TEST REPORTS

<u>Report Title</u>	<u>Report No.</u>	<u>Date</u>
Test Report for the Statutory Approval Testing of A6 Transfer and Pressure Relief Valves "A6PG-XXXNXXX" & "A6NP-XXXNXXX"	M-07-TR-1A6 Rev 1	26/01/2024

CONDITIONS OF CERTIFICATION

1. Working Pressure Range Transfer valve – 0.29 to 4psi (nominal).
2. Working Pressure Range Pressure Relief valves – 1 to 4psi (nominal).
3. If the specified standards are amended during the validity of this certificate, this product type is to be re-approved prior to it being supplied to vessels to which the amended standards apply.
4. Production items are to be manufactured in accordance with a quality control system which shall be maintained to ensure compliance with SOLAS Regulation III/5.
5. Production items are to be manufactured in accordance with a quality control procedure and records kept as required by MSC.81(70) Part 2, Paragraph 1.2. Production tests are to be conducted to ensure compliance with SOLAS Chapter III Regulation 5. This does not preclude any further testing to additional requirements of the Marine Administration of the country where the ship is registered (i.e. the flag state) or those acting on behalf of that Administration.
6. Should a change of Place of Production from that stated below be required i.e. where the stages of manufacture/assembly/testing of this product take place, the new Place of Production is to be advised to us prior to the change taking place. This Certificate will require to be updated for Approval to be maintained.

NOTE: Valves suitable for inflatable liferafts for small crafts used for leisure activities are tested to ensure compliance with ISO 15738:2019 and ISO 9650-1:2022.

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PLACE OF PRODUCTION

Leaffield Marine Limited
9 Atworth Business Park
Bath Road, Atworth
Wiltshire, SN12 8SB
United Kingdom (UK)

Lijo Thomas
Senior Specialist
Fire & Safety, Statutory Discipline Team
UK&I Technical Support Office, Marine & Offshore
Lloyd's Register EMEA

Supplementary Type Approval Terms and Conditions

This certificate and Design Appraisal Document relates to type approval, it certifies that the prototype(s) of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein, it does not mean or imply approval for any other use, nor approval of any products designed or manufactured otherwise than in strict conformity with the said prototype(s)

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