

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 Akana Deniz Teknolojileri Sanayi Tic.Ltd.Şti.

Address Seyitahmet Mah. 1
Nolu Cad.
No : 13/1 61800 Beşikdüzü
OSB - Trabzon - Turkey

Product Type SURVIVAL CRAFT EQUIPMENT

Product Description First Aid Outfit for Survival Crafts and Rescue Boats, Type: "Emergency Solas First Aid Kit (ANA)"

Specified Standards ISO 18813:2006

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.

Date of issue 22 January 2018

Expiry date 21 January 2023

Certificate No. SAS S180001/M1

Signed



Sheet No 1 of 3

Name

L. Thomas

Surveyor to Lloyd's Register EMEA

A Member of the Lloyd's Register Group

Note:

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 of any modification or changes to the equipment in order to obtain a valid certificate.

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 the '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.



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| Document number | SAS S180001/M1 |
| Issue number | 1 |

DESIGN APPRAISAL DOCUMENT

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| Date | Quote this reference on all future communications |
| 2 February 2018 | SOUTSO/SFS/TA/LT/EK/WP31087308 |

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. SAS S180001/M1

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.

EXAMINED DOCUMENTATION

Content list of the Emergency Solas First Aid Kit

TEST REPORTS

25 m Drop test of Emergency First Aid Kit – Test Report by AKANA marine technology dated 12th January 2018 and witnessed by LR Surveyor.

First Aid Kit Global Technology Laboratory Test Report GTL-ENV-179/18; dated 25.12.2017/15.01.2018
Lloyd's Register Product Quality Assessment , Report No IST 1717319- PRJ11062046-1, dated 22/11/2017

CONDITIONS OF CERTIFICATION

1. The Emergency Solas First Aid Kit has been tested and may be included in lifeboats, rescue boats and liferafts stowed up to 25 metres above water
2. The Emergency Solas First Aid Kit cannot be part of Survival Craft equipment on vessels flying the European Flag
3. The onboard storage of the kit is not part of this Design Appraisal or Certificate. All such arrangements are to be to the satisfaction of the attending Surveyor on board
4. If the specified standard is amended during the validity of this certificate, the product is to be re-approved prior to it being supplied to vessels to which the amended standards apply
5. 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
6. 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
7. 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



Lloyd's
Register

Lloyd's Register EMEA

71 Fenchurch Street, London, EC3M 4BS

Telephone 020 7423 2416 Fax 020 7423 2053

Email tass@lr.org

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PLACE OF PRODUCTION

Akana Deniz Teknolojileri Sanayi Tic.Ltd.Şti.
Seyitahmet Mah. 1 Nolu Cad.
No : 13/1 61800 Beşikdüzü
OSB-Trabzon-Turkey



Lijo Thomas
Senior Specialist
Statutory Fire & Safety
Southampton 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).