

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	GC Rieber Compact AS
Address	Smoget 29, N-5215 Sjøfteland/Bergen, Norway
Type	Survival Craft Equipment
Description	Emergency water ration for use in equipment for liferafts and lifeboats – Type: "Seven Oceans Drinking Water"
Trade Name	Seven Oceans Drinking Water
Specified Standard	ISO 18813: 2006

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.

ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2049560SS

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 of certificate no. SAS S150114.

APPROVAL DOCUMENTATION

Seven Oceans 500 ml Emergency Drinking Water “Data Sheet”

Marking instructions, October 2020

TEST REPORTS

Report No.	Report Title or Test Description	Date
SR2000467	ALS Laboratory Group analysis certificate	08.06.2020
120-24493a	Enclosure 3 (Part 1) Force Institute Test Report of Seven Oceans, drinking water, composition analysis	30.03.2020
120-24493a	Verification Report (Part 2, ALS Sarpsborg) Force Institute Test Report of Seven Oceans, drinking water, composition analysis	30.03.2020
80.935-362/10	Force Institute Verification Report of Seven Oceans, standard emergency food ration, 500g, 9 bars of 55.6g and Seven Oceans, emergency drinking water, 500ml, 2x 5 x 50ml.	03.02.2010
108-27323.02	Force Institute Test Report of Seven Oceans, standard emergency food ration, 500g, 9 bars of 55.6g and Seven Oceans, emergency drinking water, 500ml, 2x 5 x 50ml.	15.09.2008
108-27323.03	Force Institute Test Report of Seven Oceans, standard emergency food ration, 500g, 9 bars of 55.6g and Seven Oceans, emergency drinking water, 500ml, 2x 5 x 50ml. Mass of food and water test	19.09.2008
271052	Danak Teknologisk Institute Test Report of Seven Oceans, standard emergency food ration, 500g, 9 bars of 55.6g and Seven Oceans, emergency drinking water, 500ml, 2x 5 x 50ml. vapour transmission test	5.08.2008
126940/m1460-275	Force Institute Test Report of Seven Oceans flexible packaging packed into an outer container (100 x 650 x 125 mm) containing 9 bars (18 tablets) of net weight 500g. Tests according to USCG Guideline 46, August 1997.	10.02.2000

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CONDITIONS OF CERTIFICATION

1. In the case of re-sealable packages, pictorial instructions for use are to be marked on or supplied with each package
2. Each outer and inner package shall be clearly marked with the manufacturer's name or trade mark, contents capacity, lot or batch number, date of expiry of the contents, recommended daily consumption per person and name of Approving Authority(s)
3. If the specified standards are amended during the validity of this certificate, the product is to be re-approved prior to being supplied to vessels to which the amended standards apply
4. Processing and packaging arrangements shall be carried out under hygienic conditions, and a quality control system 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

PLACE OF PRODUCTION

GC Rieber Compact AS
Smoget 29
N-5215 Søfteland/Bergen
Norway



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).