



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	Haimen Huahai Marine Safety Equipment Co.,Ltd
Address	North Side of Dongzhou Bridge, Haimen Development Zone, Haimen city, Jiangsu Province, China
Type	Survival Craft Equipment
Description	Emergency Food Ration for use on Liferrafts and Lifeboats Type: "HHB-01"
Trade Name	HHB-01
Specified Standard	ISO 18813:2022

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 Marine and Offshore India LLP 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.

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Bhaskar Gole

Lead Specialist - Lifesaving Appliances to Lloyd's Register Marine and Offshore India LLP

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ATTACHMENT TO CERTIFICATE OF TYPE APPROVAL No. LR2006786SS-02

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 an Amendment of Certificate Number LR2006786SS-01.

APPROVAL DOCUMENTATION

Quality Management System Certificate, Document No: 0052203989R1S, dated 08 November 2022.

TEST REPORTS

NSF Test Report Job No. J-00365823, dated 17.06.2020, conducted at NSF (Shanghai) Testing Technology Co, Ltd., Shanghai, China.

LR witnessed Liferaft drop test report form, dated 13.03.2025.

CONDITIONS OF CERTIFICATION

1. The emergency food ration type “**HHB-01**” has been tested and may be included in the liferaft stowed up to 40 meters above the water.
2. Each emergency food ration package shall be clearly marked with the manufacturer’s name or trademark, contents capacity, lot or batch number, date of expiry of the contents, recommended daily consumption per person and name of Approving Authority(s).
3. The emergency food ration packaging shall be clearly marked with, approval information including the Administration which approved it, the production lot number, the content in the package and instructions for use.
4. The emergency food rations are to be marked with an expiry date. The expiry date shall be of no later than five years after the packing date.
5. During periodic shipboard inspections, all emergency provisions packages past their expiry date shall be replaced.
6. 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.
7. Processing, packaging and sterilisation arrangements shall be carried out under hygienic conditions, and a quality control system shall be maintained to ensure compliance with SOLAS Regulation III/5.
8. 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.



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9. 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

Haimen Huahai Marine Safety Equipment Co, Ltd.
North Side of Dongzhou Bridge,
Haimen Development Zone,
Haimen City, Jiangsu Province,
China

Bhaskar Gole
Lead Specialist- Lifesaving Appliances
Fire & Safety, Statutory Discipline Team
Lloyd's Register Marine and Offshore India LLP
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)