



Marine & Offshore
Division

Certificate number: 23888/B0 BV

File number: LSA 1092/22

Product code: 6013H

This certificate is not valid when presented without the full attached schedule composed of 7 sections

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TYPE APPROVAL CERTIFICATE

This certificate is issued to
PLASTIMO SAS
LORIENT - FRANCE

for the type of product
SURVIVAL CRAFT RATIONS & WATER
EMERGENCY FOOD RATIONS for LIFEBOATS and LIFERAFTS, type 10000 kJ

Requirements:

SOLAS 74 Convention, as amended, Regulation III/4.
IMO Resolution MSC.48(66) paragraphs 4.1.5.1.18 and 4.4.8.12.
ISO 18813:2006

This certificate is issued to attest that BUREAU VERITAS did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.

This certificate is a renewal of certificate N° 23888/A1 BV expiring on 30/11/2016

This certificate will expire on: 30 Nov 2021

For BUREAU VERITAS,
At BV NANTES, on 11 Oct 2016,
Joel Gaurin



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with BUREAU VERITAS. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of BUREAU VERITAS Marine & Offshore Division available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against BUREAU VERITAS for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

THE SCHEDULE OF APPROVAL

1. PRODUCT DESCRIPTION :

Food rations for survival craft type 10000 kJ.

Type : DAURIAC NAUTIC SECURITE

Protected by durable water-resistant packaging and packed in a manner which can be readily divided and easily opened.

As indicated in the technical documentation submitted by the applicant.

2. DOCUMENTS AND DRAWINGS :

Document number	Name	Revision	Date
510015	Dossier d'homologation	D	28/09/2016
510016	Composition melange biscuits de survie	A	15/02/2010
510018	Plan de marquage sachet aliment	B	09/05/2016
510027	Position soudure sachet alimentaire	A	05/05/2010
510026	Fermeture sachet aliment	A	05/05/2010
510017	Plan de marquage boite aliment	C	11/03/2015
CDC 10001	CDC Sachet aliment de survie	A	10/02/2010
CDC 10004	CDC Boite carton aliment	C	03/09/2013
RA-06-Aluthen90	Technical specification ALUTHEN 90	-	24/03/2010

No departure from these documents is permitted without the prior consent of the Society.

3. TEST REPORTS :

Document number	Description	Date
510013 B	Protocole d'essais - Sachets aliment de survie	05/05/2010
RA-01-20100301	Rapport d'analyse - Composition	08/03/2010
2272/09/7134	Water Vapour permeability	18/11/2009
RE10016	Stockage en temperature	20/05/2010
10-059	Test de tenue des sachets en enceinte climatique	17/05/2010
RE10021	Test de chute	20/05/2010
RE10017	Ouverture des sachets avec gant d'immersion	20/05/2010
RE10018	Test de fuite après le test de cycle thermique	20/05/2010
RE10019	Test d'immersion des sachets	20/05/2010
RE10020	Test d'endurance en boite rotative	20/05/2010

4. APPLICATION / LIMITATION :

- As per requirements stated on front page of this certificate.
- This certificate does not prejudge of any requirements additional to those stated on the front page that may be required by National Maritime Authorities for equipment to be fitted on board ships entitled to fly its flag.
- Validity period not to be more than 5 years

5. PRODUCTION SURVEY REQUIREMENTS :

The food rations for survival craft are to be supplied by **PLASTIMO SAS** in compliance with the type described in this certificate.

This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

PLASTIMO SAS has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

PLASTIMO SAS

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FRANCE

6. MARKING OF PRODUCT :

Marking on outer packaging:

- The Manufacturer's name or Trade Mark.
- Weight
- Calorific value
- Description of the contents
- Date of manufacture and renewal.

Marking on the inner packaging

- Description of the contents.
- Instruction sheet

7. OTHERS :

This approval is given on the understanding that the Society reserves the right to require check tests to be carried out on the food rations and their packaging at any time and that Plastimo Marine will accept full responsibility for informing survival craft Manufacturers/Distributors/Serviceers of the proper methods of storage and general maintenance of the food rations and the conditions of this approval.

This certificate supersedes certificate of type approval N° 23888/A1 BV issue on 16/12/2012 by the Society.

***** END OF CERTIFICATE *****