TYPE APPROVAL CERTIFICATE
No. **FPE414821CS**

This is to certify that the product identified below satisfies the requirements of the standard quoted under "Reference standard"

Description	**Survival craft equipment**
Type	**FDF Food Emergency Ration**
Applicant	**F.D.F. TEK S.R.L. A SOCIO UNICO** **Localita' Campitelli, Snc - Zona Ind.Le** **83015 Pietrastornina (Av)** **Italy**
Manufacturer	**F.D.F. TEK**
Place of manufacture	**LOCALITA' CAMPITELLI - ZONA PIP -** **83015 PIETRASTORNINA (AV)** **ITALY**
Reference standards	**ISO 18813 (2006); IMO Res. MSC.48(66) - LSA Code as amended**
Reference documents	**Rules for Testing and Certification of Marine Materials and Equipment**

Issued in **Genoa** on **October 21, 2021**. *This Certificate is valid until* **October 20, 2026**

RINA Services S.p.A.
Davide Campora

This certificate consists of this page and 1 enclosure

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Digitally signed by RINA Services S.p.A. on 04 Nov 2021. No handwritten signature is provided.

TYPE APPROVAL CERTIFICATE
No. **FPE414821CS**
Enclosure - Page 1 of 1
FDF Food Emergency Ration

Product description

Emergency food ration for survival equipment to be use in lifeboat, rescue boat and liferaft packed in a flexible packaging material with the following main characteristic:

Material	PET 12 micrometer, Al 7 micrometer, LDPE 70 micrometer
Ration Dimension	(120 x 68 x 75) mm
Weight	range 500g - 550 g
Energetic value kJ	range 10160-11176
Energetic value kcal	range 2476-2670

Reference documents

1. Datasheet Emergency ration food , issued by F.D.F. TEK and approved by RINA with n° CSST 19673.
2. Test report n° 0344/FPM/MATs/16 issued by CSI Spa according to ASTM F 1249-13 and filed by RINA with n° CSST 14305.
3. Laboratory test report n° 2016CS012953 issued by RINA Laboratory according to ISO 18813:2006 and filed by RINA with n° CSST 14309.
4. Material conformity issued by DI MAURO OFFICINE GRAFICHE S.P.A and filed by RINA with n° CSST 14308.
5. TEST REPORT N° 16_18/06/21 fild by RINA with n° CSST 19671.

Remark

Each package shall be clearly marked with date of packing, the name of the manufacturer date of expiry, the production lot number, the content in the package and instructions for use according to LSA Code, Par 1.2.2 and Chapter IV Par 4.1.5.1.18.
Package materials conformity as per D.M 21/03/1973 and D.P.R 777/82.
For each package produced, the conformity to the prototype shall be stated by the manufacturer.Mass production of the aforesaid product is to be marked or labelled with the trade name and the data of the Company to whom this certificate is addressed. The validity of this certificate is dependent on the compliance of each manufactured product with the prototype which underwent the type approval tests and such compliance shall be stated by the manufacture. Moreover, the Company is fully responsible for ensuring compliance by performing all necessary checks also in respect of its subsuppliers. Notwithstanding the above, RINA reserves the right to make any checks it deems appropriate during production. The validity of this certificate ceases in the case of amendments to the rules on the basis of which the certificate was issued.

Genoa October 21, 2021

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