TYPE APPROVAL CERTIFICATE
No. **FPE051111CS**

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

Description	**FIXED FIRE EXTINGUISHING SYSTEM FOR DEEP-FAT COOKING EQUIPMENT**
Type	**NOBEL K-5 Galley Fire Suppression System**
Applicant	**NOBEL FIRE SYSTEMS LTD** **UNIT 6 SOUTHGATE INDUSTRIAL ESTATE, GREEN LANE** **OL10 1ND HEYWOOD, LANCASHIRE** **UNITED KINGDOM**
Manufacturer	**NOBEL FIRE SYSTEMS LTD**
Place of manufacture	**UNIT 6 SOUTHGATE INDUSTRIAL ESTATE, GREEN LANE** **OL10 1ND HEYWOOD, LANCASHIRE** **UNITED KINGDOM**
Reference standards	**ISO 15371 : 2000**
Reference documents	**Rules for Testing and Certification of Marine Materials and Equipment**

Issued in **Genoa** on **February 11, 2011**. *This Certificate is valid until* **February 10, 2016**

RINA
Piero Moncheroni

This certificate consists of this page and 1 enclosure

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TYPE APPROVAL CERTIFICATE
No. **FPE051111CS**
Enclosure - Page 1 of 1
NOBEL K-5 Galley Fire Suppression System

Product description

Wet chemical fire extinguishing system for deep fat cooking equipment designed to distribute Nobel-K wet chemical fire suppressant through a single nozzle located above the deep fat fryer.

Main components / installation requirements

Nozzle type	Stainless steel BIM 11
Extinguishing media	Nobel-K wet chemical
Cylinder capacity	5 lt
System activation	Manual/ Automatic
Pipe and fitting	Stainless steel 15mm/ high pressure BS 2051
Nozzle height (above the fryer)	(1.0 ÷ 1.2) m
Minimum distance from the freyer surface	1100 mm
Discharge rate	(1.7 ÷ 2.0) lt/min
Maximum fryer dimension	(565 x 500 x 340) mm

Reference documents

- Report n°TR/03/183/Rev 1 edit by Advantica-British Standards Institution Trading and filed by RINA with n° CSST 6842.
- Nobel K-5 Fire Suppression System - Technical File V2, dated July 2005 filed bt RINA with n° CSST 6841.

Acceptance conditions

- The validity of the present certificate is based on the assumption of the constant conformity of the single product manufactured to the prototype that has been tested with positive results to the type approval tests. The firm is responsible in the whole of the above mentioned conformity.
- The holder of the type approval certificate has to inform RINA of any intended modifications to the product and/or manufacturing process which are liable to effect the required conformity of the product.
- RINA at its own discretion may require to repeat in the whole or in part he type approval tests periodically, in case of entering into force of new rules different to those applied to the present type approval certificate, or in case of doubts and contentions.
- The certificate becomes automatically invalid in the following case:
  - The holder of the certificate does not respect the above mentioned obligations.
  - Changes have been made to the reference document on which the type approval is based.
- The type approval certificate may be declared suspended or cancelled by RINA when the conditions on which the type approval was based are not fulfilled.
- The type approval certificate does not absolve the interested parties from compliance with any additional and/or more stringent requirements issued by Administration of the State whose flag the vessel is entitled to fly and provisions for their application.

Genoa February 11, 2011

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