



Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **60 231 - 09 HH**

Company **Nobel Fire Systems Ltd.
Unit 6, Southgate Industrial Estate, Green Lane
Heywood, Lancashire OL10 1ND, UNITED KINGDOM**

Product Description **Fixed Fire Extinguishing System for Deep-Fat Cooking Equipment**

Type **Nobel K-5 Fire Suppression System**

Environmental Category **None**

Technical Data / Range of Application **Fire extinguishing system for protection of deep-fat cooking equipment (deep-fat fryers). The system is designed for automatic and manual operation.**

Main components:

- cylinder tank containing 4.45 ltr Nobel-K wet chemical fire suppressant
- piping and nozzles made of stainless steel, nozzle type BIM 11
- heat detector type Fenwal @ 138°C
- control panel and manual release box

Piping and nozzle arrangement details:

- nozzle height above fryer: **1.0 m - 1.2 m**
- min./max. length of piping and pipe size: **1.0 m / 10.0 m, 15 mm**
- max. fryer area per nozzle: **565 mm x 500 mm**

Further details as per type approval file issued by Nobel Fire Systems.

Test Standard **ISO 15371:2000**

Documents **- Nobel type approval file reviewed with our Ref.-No. 09-004068
- Advantica fire test report No. TR/03/183/Rev1 dated 2006-03-09**

Remarks **None**

Valid until **2014-02-11**

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Type Approval Symbol



File No. **II.H.01**

Hamburg, **2009-02-11**

Germanischer Lloyd

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