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# LPCB Red Book



# 1

## Part: 2

### Manual fire extinguishing equipment

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## Introduction

BRE Global Ltd, based in the UK near London, is an independent third party organisation offering certification of fire, security and sustainability products and services to an international market. LPCB is the certification brand used for fire and security products and services. The LPCB mark is accepted worldwide. We have representative offices in China, India and Dubai. We are owned by the BRE Trust, a not-for-profit organisation.

LPCB listings can be accessed, free of charge, at [www.redbooklive.com](http://www.redbooklive.com).

BRE Global additionally carries out:

- Fire Investigation
- Fire Risk Assessment
- Fire Safety Engineering
- Research
- Training

## LPCB Listings

Listings are given in sections which list related groups of products and services such as suppression, security and so on. Each section also summarises the technical basis for the certification of each product or service. The Red Book listings should always be used in conjunction with rules, regulations and design specifications required by the relevant Authority having jurisdiction.

Listings comprise:

### Volume 1: (This Volume)

- **Fire detection and alarm products, systems, and cables**
- **Manual fire extinguishing equipment**
- **Automatic sprinkler, water spray and deluge systems**
- **Fixed fire fighting products and systems**
- **Watermist systems**
- **Related installers**

### Volume 2:

- Passive fire protection products
- Security protection products
- Fire doors and shutters
- Smoke and fire ventilation systems
- Security Assessments - SABRE
- Related installers
- Management Systems
- Construction products

Listings are given in the name of the manufacturer or service provider, in alphabetical order. They can be downloaded free of charge from our website at [www.redbooklive.com](http://www.redbooklive.com)

## Updates

Certification of products and services are updated regularly. To ensure that you are using the most up to date information please refer to [www.redbooklive.com](http://www.redbooklive.com).



## What is Third Party Certification?

A frequent concern of stakeholders is in knowing whether a product will perform in accordance with the stated specifications. These concerns can involve such product attributes as safety, health or environmental impacts, durability, compatibility, suitability for intended purposes or for stated conditions, and other similar considerations. These issues can all be addressed through product certification.

Third party certification is a conformity assessment process, carried out by a body that is independent of both supplier and customer organisations. It provides confirmation that products and services have met and will continue to meet the requirements of specified standards and other normative documents.

LPCB third party product certification schemes are quality assurance schemes and comprise initial type testing and technical evaluation, assessment and surveillance of the manufacturer's quality system and factory production procedures, regular audit testing, labelling and listing.

Similarly, LPCB schemes for suppliers of services (installers) are also quality assurance schemes comprising a technical assessment of an installer's capability, assessment and surveillance of the installer's quality system and production procedures, regular inspection of completed installations and listing.

## Benefits of Third Party Certification

For specifiers, regulators, insurers, manufacturers and installers, the benefits of an LPCB approval are:

### For specifiers and regulators:

- Risk reduction - specifying LPCB approved products and services demonstrates due-diligence and best endeavour and mitigates against possible accusations of negligence.
- Avoidance of costly mistakes - you can trust LPCB approved products and services to conform each and every time.
- Time - using Red Book Live to search for and assess products and services can save you time.

### For manufacturers and installers:

- Increased global sales - LPCB approval is recognised and specified widely throughout the world. In some territories LPCB approval is a mandatory requirement.
- Added value of the product or service - LPCB approved products and services are recognised as providing added value given their ability to conform each and every time.
- Reduced liability - LPCB approved products and services demonstrate due-diligence which can reduce liability for both you and your customers.

## What does LPCB Certification offer?

LPCB certification is carried out against Loss Prevention Standards (LPS's). These LPS's include reference to BS, EN or ISO standards as appropriate. LPCB certification are level 5 schemes as detailed in ISO/ IEC 17067 with the added requirement to have a quality system certificated to ISO 9001.

The technical requirements of LPCB schemes are given in the Loss Prevention Standards (LPSs). These documents are drafted by LPCB technical experts in conjunction with appropriate external experts. They are then peer reviewed by representatives from trade bodies, regulators, insurers, specifiers, manufacturers and other suppliers. Finally these documents are approved for use by the BRE Global Governing Body; the Body that oversees all of the certification activities of BRE Global.

## VOLUME 1 LIST OF APPROVED PRODUCTS AND SERVICES

### Product schemes comprise:

- Initial type testing and evaluation of product.
- Approval and surveillance of the manufacturer's (or supplier's) quality management system to ISO 9001
- Assessment and surveillance of the manufacturer's (or supplier) factory production control system (FPC).
- Periodic audit testing of the product from either the factory or marketplace.
- Labelling or marking as appropriate.
- Listing on Red Book Live

### Installer schemes comprise:

- Technical assessment of the installation contractor's capability.
- Approval and surveillance of the contractor's quality management system to ISO 9001 or assessment against the requirements of the relevant Loss Prevention Standard where ISO 9001 is not appropriate.
- Regular surveillance inspections of on-going installations.
- The issue of Certificates of Conformity by the installer to demonstrate compliance for each installation.
- Listing in the Red Book.

### **The LPCB Mark - the Mark you can trust**

After certification of a product or service the manufacturer or service provider may place the LPCB certification mark, as shown below, on the product, packaging and literature etc.



Where LPCB holds accreditation through the United Kingdom Accreditation Service (UKAS), the certified company may include the UKAS symbol (the Crown and Tick) alongside the LPCB mark for certain applications e.g. promotional literature or material and stationery, as shown below.



(Full details of LPCB accreditation can be found on the UKAS website at [www.ukas.com](http://www.ukas.com))

Where for reasons of space or cost the use of the above full mark is not practical, then the following simplified mark may be applied directly to the product (for some schemes only). The LPCB scheme rules define how and where the marks can be used.



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*Part*

*2*

*MANUAL FIRE  
EXTINGUISHING  
EQUIPMENT*

## ***PART 2: MANUAL FIRE EXTINGUISHING EQUIPMENT***

### **INTRODUCTION**

**Listings in this section include:**

#### **Products**

- Portable fire extinguishers
- Fire hose reels
- Fire blankets
- Wet landing valves
- Dry landing valves
- Inlet breechings
- Semi rigid hoses
- Lay-flat hoses
- Boxes for dry riser inlets
- Pillar fire hydrants
- Gate valves
- Fire hose couplings and ancillary equipment
- Mobile fire extinguishers
- Hand-held branchpipes

Products are approved in accordance with various standards. The details of these standards are given at the front of each section relevant to the product.

Portable fire extinguishers are manufactured to suit different types of fires and should be selected, sited, serviced and maintained in accordance with the relevant code of practice. Third party approval of the portable fire extinguisher will help to ensure that they will function correctly if properly maintained, it will also demonstrate due diligence in supporting risk assessed based legislation.

LPCB approval helps to ensure that fire extinguishers meet and continue to meet appropriate standards. LPCB approval includes testing of the individual component parts of the fire extinguisher, pressure safety of the vessel, correct labelling and operation instructions and the satisfactory performance of the extinguisher when tested to the relevant fire test. These elements are continuously monitored during regular factory production control (FPC) surveillance audits.

CE marking may be found on a portable fire extinguisher as required by the European Union - Pressure Equipment Directive (PED) but should not be confused with LPCB approval. This directive has been published for products that are to be sold within the European Union (EU) and it requires proof of safety of the pressure vessel. The CE mark placed on a fire extinguisher demonstrates conformance with this pressure safety requirement and fire testing is not carried out as part of this directive.

**Caution:** To be sure of reliable, proven, performance of the fire extinguisher in fire conditions, the extinguisher should carry independent proof of performance, such as the LPCB mark, and if it is to be supplied into the EU the additional CE mark will also be required as defined by the PED.

**The test standards used for LPCB certification of portable fire extinguishers are:**

|   |
|---|
| <b>EN 3-7 +A1</b> - Characteristics, performance requirements and test methods  |
| <b>EN 3-8</b> - Additional requirements to EN 3-7 for the construction, resistance to pressure and mechanical tests for extinguishers with a maximum allowable pressure equal to or lower than 30 bar |
| <b>EN 3-9</b> - Additional requirements to EN 3-7 for pressure resistance of CO <sub>2</sub> extinguishers  |
| <b>EN 3-10</b> - Provisions for evaluating the conformity of a portable fire extinguisher to EN 3-7   |

**Abbreviations used for LPCB listing of portable fire extinguishers**

LPCB use the following abbreviations in the RedBook listings for portable fire extinguishers.

| <b>Extinguishing Agent</b> |  |
|----------------------------|--|
| W - Water                  | WB - Water based (water plus additive) |
| ABC or BC - Dry powder     | CO <sub>2</sub> - Carbon Dioxide       |
| CA - Clean Agent           | WC - Wet Chemical                      |

| <b>Method of Actuation</b>     |                              |
|--------------------------------|------------------------------|
| SP - Stored pressure actuation | GC - Gas cartridge actuation |

| <b>Units or Capacity</b> |           |
|--------------------------|-----------|
| kg - Kilogram            | l - litre |

**Labelling**

A requirement of EN 3 is that each portable fire extinguisher must be clearly labelled to identify the classes of fire for which they have demonstrated satisfactory performance as defined in EN 3. In summary:

|                  |  |
|------------------|--|
| <b>Class A :</b> | for use on flammable solid materials, for example wood, paper, coal, straw, cloth etc. |
| <b>Class B :</b> | for use on fires involving flammable liquids or liquefiable solids.                    |
| <b>Class C :</b> | for fires involving gases.   |

## PART 2: SECTION 1

### PORTABLE FIRE EXTINGUISHERS

|                  |   |
|------------------|---|
| <b>Class D :</b> | for fires involving metals for example magnesium, sodium, cadmium, manganese. |
| <b>Class F :</b> | for use on cooking oil fires.   |

#### Colour Coding

EN 3-7 permits a zone of colour of up to 10% of the external area of the extinguisher body to be used to identify the extinguishing agent in accordance with national specifications.

Colour coding of portable fire extinguishers is not mandatory in the UK, however BS 5306-10: *Colour coding to indicate the extinguishing medium contained in portable fire extinguishers*, was published to provide a consistent approach where colour coding is used.

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Certificate No: 1092Aa to EN3 Parts 7,8 and 9

#### Portable fire extinguishers

| Product Name | Type              | Capacity | Fire rating  | LPCB Ref. No. |
|--------------|-------------------|----------|--------------|---------------|
| PRO-2-CD-AL  | CO <sub>2</sub>   | 2 kg     | 34B          | 1092Aa/30     |
| PRO-2-CD     | CO <sub>2</sub>   | 2 kg     | 34B          | 1092Aa/31     |
| PRO-5-CD-AL  | CO <sub>2</sub>   | 5 kg     | 70B          | 1092Aa/32     |
| PRO-5-CD     | CO <sub>2</sub>   | 5 kg     | 70B          | 1092Aa/33     |
| PRO-2-FOAM   | Foam (SP)         | 2 litre  | 8A/55B       | 1092Aa/14     |
| PRO-6-FOAM   | Foam (SP)         | 6 litre  | 21A/144B     | 1092Aa/17     |
| PRO-9-FOAM   | Foam (SP)         | 9 litre  | 27A/233B     | 1092Aa/19     |
| PRO-1-DC     | ABC Powder (SP)   | 1 kg     | 8A/34B       | 1092Aa/01     |
| PRO-2-DC     | ABC Powder (SP)   | 2 kg     | 13A/89B      | 1092Aa/05     |
| PRO-3-DC     | ABC Powder (SP)   | 3 kg     | 21A/113B     | 1092Aa/07     |
| PRO-4-DC     | ABC Powder (SP)   | 4 kg     | 27A/144B     | 1092Aa/08     |
| PRO-6-DC     | ABC Powder (SP)   | 6 kg     | 43A/233B     | 1092Aa/09     |
| PRO-9-DC     | ABC Powder (SP)   | 9 kg     | 55A/233B     | 1092Aa/11     |
| PRO-12-DC    | ABC Powder (SP)   | 12 kg    | 55A/233B     | 1092Aa/12     |
| PRO-6-W      | Water (SP)        | 6 litre  | 13A          | 1092Aa/24     |
| PRO-9-W      | Water (SP)        | 9 litre  | 21A          | 1092Aa/25     |
| PRO-2-WC     | Wet Chemical (SP) | 2 litre  | 8A/34B/25F   | 1092Aa/21     |
| PRO-3-WC     | Wet Chemical (SP) | 3 litre  | 13A/70B/40F  | 1092Aa/22     |
| PRO-6-WC     | Wet Chemical (SP) | 6 litre  | 21A/113B/75F | 1092Aa/23     |

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Certificate No: 1329b to EN 3-7:2004+A1:2007, EN 3-8:2006 & EN 3-9:2006

#### 'CEASEFIRE' Portable Fire Extinguishers

| Product Name | Type             | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|------------------|----------|-------------|---------------|
| CF-000700    | CO <sub>2</sub>  | 2 kg     | 34B         | 1329b/32      |
| CF-000702    | CO <sub>2</sub>  | 2 kg     | 34B         | 1329b/33      |
| CF-000701    | CO <sub>2</sub>  | 5 kg     | 70B         | 1329b/34      |
| CF-000703    | CO <sub>2</sub>  | 5 kg     | 70B         | 1329b/35      |
| CF-000705    | Clean Agent (SP) | 2 kg     | 21B         | 1329b/36      |
| CF-000849    | Clean Agent (SP) | 2 kg     | 21B         | 1329b/37      |
| CF-000706    | Clean Agent (SP) | 4 kg     | 34B         | 1329b/07      |
| CF-000850    | Clean Agent (SP) | 4 kg     | 21B         | 1329b/38      |

**PART 2: SECTION 1**  
PORTABLE FIRE EXTINGUISHERS

| Product Name | Type               | Capacity | Fire Rating      | LPCB Ref. No. |
|--------------|--------------------|----------|------------------|---------------|
| CF-000707    | Clean Agent (SP)   | 6 kg     | 34B              | 1329b/08      |
| CF-000851    | Clean Agent (SP)   | 6 kg     | 34B              | 1329b/39      |
| CF-000708    | Clean Agent (SP)   | 9 kg     | 55B              | 1329b/40      |
| CF-000852    | Clean Agent (SP)   | 9 kg     | 55B              | 1329b/41      |
| CF-000779    | Foam (SP)          | 3 litre  | 8A / 89B         | 1329b/09      |
| CF-000805    | Foam (SP)          | 3 litre  | 8A / 89B         | 1329b/10      |
| CF-000715    | Foam (SP)          | 6 litre  | 13A / 144B       | 1329b/11      |
| CF-000806    | Foam (SP)          | 6 litre  | 13A / 144B       | 1329b/12      |
| CF-000716    | Foam (SP)          | 9 litre  | 21A / 233B       | 1329b/13      |
| CF-000807    | Foam (SP)          | 9 litre  | 21A / 233B       | 1329b/14      |
| CF-000838    | Foam Mist (SP)     | 2 litre  | 5A / 34B / 25F   | 1329b/15      |
| CF-000696    | Foam Mist (SP)     | 2 litre  | 5A / 55B / 25F   | 1329b/16      |
| CF-000839    | Foam Mist (SP)     | 6 litre  | 13A / 113B / 40F | 1329b/17      |
| CF-000698    | Foam Mist (SP)     | 6 litre  | 13A / 144B / 40F | 1329b/18      |
| CF-000805S   | Foam Spray (SP)    | 3 litre  | 8A/89B/25F       | 1329b/60      |
| CF-000779S   | Foam Spray (SP)    | 3 litre  | 8A/89B/25F       | 1329b/59      |
| CF-000806S   | Foam Spray (SP)    | 6 litre  | 13A/144B/40F     | 1329b/62      |
| CF-000715S   | Foam Spray (SP)    | 6 litre  | 13A/144B/40F     | 1329b/61      |
| CF-000807S   | Foam Spray (SP)    | 9 litre  | 21A/233B/75F     | 1329b/64      |
| CF-000716S   | Foam Spray (SP)    | 9 litre  | 21A/233B/75F     | 1329b/63      |
| CF-000730    | ABC 50 Powder (SP) | 1 kg     | 5A / 34B         | 1329b/42      |
| CF-000803    | ABC 50 Powder (SP) | 1 kg     | 5A / 34B         | 1329b/43      |
| CF-000731    | ABC 50 Powder (SP) | 2 kg     | 8A / 70B         | 1329b/44      |
| CF-000804    | ABC 50 Powder (SP) | 2 kg     | 8A / 70B         | 1329b/45      |
| CF-000732    | ABC 50 Powder (SP) | 4 kg     | 21A / 144B       | 1329b/19      |
| CF-000733    | ABC 50 Powder (SP) | 6 kg     | 27A / 183B       | 1329b/20      |
| CF-000734    | ABC 50 Powder (SP) | 9 kg     | 43A / 233B       | 1329b/21      |
| CF-000735    | ABC 50 Powder (SP) | 12 kg    | 55A / 233B       | 1329b/52      |
| CF-000721    | ABC 90 Powder (SP) | 1 kg     | 5A / 21B         | 1329b/46      |
| CF-000722    | ABC 90 Powder (SP) | 2 kg     | 13A / 55B        | 1329b/01      |
| CF-000723    | ABC 90 Powder (SP) | 4 kg     | 21A / 144B       | 1329b/02      |
| CF-000724    | ABC 90 Powder (SP) | 6 kg     | 27A / 183B       | 1329b/03      |
| CF-000725    | ABC 90 Powder (SP) | 9 kg     | 43A / 233B       | 1329b/04      |
| CF-000726    | ABC 90 Powder (SP) | 12 kg    | 55A / 233B       | 1329b/53      |
| CF-000736    | BC Powder (SP)     | 2 kg     | 89B              | 1329b/47      |
| CF-000737    | BC Powder (SP)     | 4 kg     | 233B             | 1329b/05      |
| CF-000738    | BC Powder (SP)     | 6 kg     | 233B             | 1329b/06      |
| CF-000739    | BC Powder (SP)     | 9 kg     | 233B             | 1329b/48      |
| CF-000717    | Water (SP)         | 6 litre  | 13A              | 1329b/22      |
| CF-000798    | Water (SP)         | 6 litre  | 13A              | 1329b/23      |
| CF-000718    | Water (SP)         | 9 litre  | 21A              | 1329b/24      |
| CF-000799    | Water (SP)         | 9 litre  | 21A              | 1329b/54      |
| CF-000709    | Water Mist (SP)    | 2 litre  | 5A / 25F         | 1329b/25      |
| CF-000710    | Water Mist (SP)    | 3 litre  | 8A / 25F         | 1329b/26      |
| CF-000711    | Water Mist (SP)    | 6 litre  | 13A / 75F        | 1329b/27      |
| CF-000712    | Water Mist (SP)    | 9 litre  | 21A / 75F        | 1329b/28      |
| CF-000717S   | Water Spray (SP)   | 6 litre  | 13A/25F          | 1329b/55      |
| CF-000718S   | Water Spray (SP)   | 6 litre  | 21A/40F          | 1329b/56      |
| CF-000798S   | Water Spray (SP)   | 9 litre  | 13A/25F          | 1329b/57      |
| CF-000799S   | Water Spray (SP)   | 9 litre  | 21A/40F          | 1329b/58      |
| CF-000780    | Wet Chemical (SP)  | 3 litre  | 8A / 40F         | 1329b/29      |
| CF-000800    | Wet Chemical (SP)  | 3 litre  | 8A / 40F         | 1329b/49      |
| CF-000719    | Wet Chemical (SP)  | 6 litre  | 13A / 75F        | 1329b/30      |
| CF-000801    | Wet Chemical (SP)  | 6 litre  | 13A / 75F        | 1329b/50      |
| CF-000720    | Wet Chemical (SP)  | 9 litre  | 21A / 75F        | 1329b/31      |
| CF-000802    | Wet Chemical (SP)  | 9 litre  | 21A / 75F        | 1329b/51      |

Certificate No: 1329h to a Technical Approval based upon EN 3 Parts 7, 8 & 9 with the exception of EN 3-7 clause 16.2 - Marking

**'CEASEFIRE' Portable Fire Extinguishers**

| Product Name | Type             | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|------------------|----------|-------------|---------------|
| CF-001108    | CO <sub>2</sub>  | 2 kg     | 34B         | 1329h/32      |
| CF-001109    | CO <sub>2</sub>  | 2 kg     | 34B         | 1329h/33      |
| CF-001110    | Clean Agent (SP) | 2 kg     | 21B         | 1329h/36      |
| CF-001111    | Clean Agent (SP) | 2 kg     | 21B         | 1329h/37      |
| CF-001112    | Clean Agent (SP) | 4 kg     | 34B         | 1329h/07      |
| CF-001113    | Clean Agent (SP) | 4 kg     | 21B         | 1329h/38      |
| CF-001114    | Clean Agent (SP) | 6 kg     | 34B         | 1329h/08      |
| CF-001115    | Clean Agent (SP) | 6 kg     | 34B         | 1329h/39      |
| CF-001125    | Foam (SP)        | 6 litre  | 13A / 144B  | 1329h/11      |

# PART 2: SECTION 1

## PORTABLE FIRE EXTINGUISHERS

| Product Name | Type               | Capacity | Fire Rating      | LPCB Ref. No. |
|--------------|--------------------|----------|------------------|---------------|
| CF-001126    | Foam (SP)          | 6 litre  | 13A / 144B       | 1329h/12      |
| CF-001127    | Foam (SP)          | 9 litre  | 21A / 233B       | 1329h/13      |
| CF-001128    | Foam (SP)          | 9 litre  | 21A / 233B       | 1329h/14      |
| CF-001121    | Foam Mist (SP)     | 2 litre  | 5A / 55B / 25F   | 1329h/16      |
| CF-001122    | Foam Mist (SP)     | 6 litre  | 13A / 144B / 40F | 1329h/18      |
| CF-001137    | ABC 50 Powder (SP) | 1 kg     | 5A / 34B         | 1329h/42      |
| CF-001137SG  | ABC 50 Powder (SP) | 1 kg     | 5A / 34B         | 1329h/43      |
| CF-001138    | ABC 50 Powder (SP) | 2 kg     | 8A / 70B         | 1329h/44      |
| CF-001138SG  | ABC 50 Powder (SP) | 2 kg     | 8A / 70B         | 1329h/45      |
| CF-001139    | ABC 50 Powder (SP) | 4 kg     | 21A / 144B       | 1329h/19      |
| CF-001140    | ABC 50 Powder (SP) | 6 kg     | 27A / 183B       | 1329h/20      |
| CF-001141    | ABC 50 Powder (SP) | 9 kg     | 43A / 233B       | 1329h/21      |
| CF-001142    | ABC 90 Powder (SP) | 1 kg     | 5A / 21B         | 1329h/46      |
| CF-001143    | ABC 90 Powder (SP) | 2 kg     | 13A / 55B        | 1329h/01      |
| CF-001144    | ABC 90 Powder (SP) | 4 kg     | 21A / 144B       | 1329h/02      |
| CF-001145    | ABC 90 Powder (SP) | 6 kg     | 27A / 183B       | 1329h/03      |
| CF-001146    | ABC 90 Powder (SP) | 9 kg     | 43A / 233B       | 1329h/04      |
| CF-001147    | BC Powder (SP)     | 2 kg     | 89B              | 1329h/47      |
| CF-001149    | BC Powder (SP)     | 4 kg     | 233B             | 1329h/05      |
| CF-001150    | BC Powder (SP)     | 6 kg     | 233B             | 1329h/06      |
| CF-001148    | BC Powder (SP)     | 9 kg     | 233B             | 1329h/48      |
| CF-001129    | Water (SP)         | 6 litre  | 13A              | 1329h/22      |
| CF-001130    | Water (SP)         | 6 litre  | 13A              | 1329h/23      |
| CF-001131    | Water (SP)         | 9 litre  | 21A              | 1329h/24      |
| CF-001132    | Water (SP)         | 9 litre  | 21A              | 1329h/54      |
| CF-001118    | Water Mist (SP)    | 2 litre  | 5A / 25F         | 1329h/25      |
| CF-001119    | Water Mist (SP)    | 6 litre  | 13A / 75F        | 1329h/27      |
| CF-001120    | Water Mist (SP)    | 9 litre  | 21A / 75F        | 1329h/28      |
| CF-001133    | Wet Chemical (SP)  | 6 litre  | 13A / 75F        | 1329h/30      |
| CF-001135    | Wet Chemical (SP)  | 6 litre  | 13A / 75F        | 1329h/50      |
| CF-001134    | Wet Chemical (SP)  | 9 litre  | 21A / 75F        | 1329h/31      |
| CF-001136    | Wet Chemical (SP)  | 9 litre  | 21A / 75F        | 1329h/51      |

Certificate No: 1329g to a Technical Approval based upon EN 3 Parts 7, 8 & 9 with the exception of EN 3-7 clause 16.1 - Colour

### 'CEASEFIRE' Portable Fire Extinguishers

| Product Name | Type               | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|--------------------|----------|-------------|---------------|
| CF-000984    | CO <sub>2</sub>    | 2 kg     | 34B         | 1329g/32      |
| CF-000985    | CO <sub>2</sub>    | 5 kg     | 70B         | 1329g/34      |
| CF-000986    | Foam (SP)          | 6 litre  | 13A / 144B  | 1329g/11      |
| CF-000987    | Foam (SP)          | 9 litre  | 21A / 233B  | 1329g/13      |
| CF-000990    | ABC 50 Powder (SP) | 6 kg     | 27A / 183B  | 1329g/20      |
| CF-000991    | ABC 50 Powder (SP) | 9 kg     | 43A / 233B  | 1329g/21      |
| CF-001105    | ABC 90 Powder (SP) | 1 kg     | 5A / 21B    | 1329g/46-1    |
| CF-001106    | ABC 90 Powder (SP) | 1 kg     | 5A / 21B    | 1329g/46-2    |
| CF-001107    | ABC 90 Powder (SP) | 1 kg     | 5A / 21B    | 1329g/46-3    |
| CF-001185    | ABC 90 Powder (SP) | 1 kg     | 5A / 21B    | 1329g/46-4    |
| CF-000988    | Water (SP)         | 6 litre  | 13A         | 1329g/22      |
| CF-000989    | Water (SP)         | 9 litre  | 21A         | 1329g/24      |
| CF-001180    | Wet Chemical (SP)  | 3 litre  | 8A / 40F    | 1329g/29      |
| CF-001181    | Wet Chemical (SP)  | 6 litre  | 13A / 75F   | 1329g/30      |
| CF-001182    | Wet Chemical (SP)  | 9 litre  | 21A / 75F   | 1329g/31      |

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Certificate No: 1329Ab to EN 3-7:2004+A1:2007, EN 3-8:2006 & EN 3-9:2006

### 'CEASEFIRE' & 'SECUREZONE' Portable Fire Extinguishers

| Product Name | Type            | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| 000700       | CO <sub>2</sub> | 2 kg     | 34B         | 1329Ab/32     |

**PART 2: SECTION 1**  
PORTABLE FIRE EXTINGUISHERS

| Product Name | Type               | Capacity | Fire Rating      | LPCB Ref. No. |
|--------------|--------------------|----------|------------------|---------------|
| 000702       | CO <sub>2</sub>    | 2 kg     | 34B              | 1329Ab/33     |
| 000701       | CO <sub>2</sub>    | 5 kg     | 70B              | 1329Ab/34     |
| 000703       | CO <sub>2</sub>    | 5 kg     | 70B              | 1329Ab/35     |
| 000705       | Clean Agent (SP)   | 2 kg     | 21B              | 1329Ab/36     |
| 000849       | Clean Agent (SP)   | 2 kg     | 21B              | 1329Ab/37     |
| 000706       | Clean Agent (SP)   | 4 kg     | 34B              | 1329Ab/07     |
| 000850       | Clean Agent (SP)   | 4 kg     | 21B              | 1329Ab/38     |
| 000707       | Clean Agent (SP)   | 6 kg     | 34B              | 1329Ab/08     |
| 000851       | Clean Agent (SP)   | 6 kg     | 34B              | 1329Ab/39     |
| 000708       | Clean Agent (SP)   | 9 kg     | 55B              | 1329Ab/40     |
| 000852       | Clean Agent (SP)   | 9 kg     | 9 kg             | 1329Ab/41     |
| 000779       | Foam (SP)          | 3 litre  | 8A / 89B         | 1329Ab/09     |
| 000805       | Foam (SP)          | 3 litre  | 8A / 89B         | 1329Ab/10     |
| 000715       | Foam (SP)          | 6 litre  | 13A / 144B       | 1329Ab/11     |
| 000806       | Foam (SP)          | 6 litre  | 13A / 144B       | 1329Ab/12     |
| 000716       | Foam (SP)          | 9 litre  | 21A / 233B       | 1329Ab/13     |
| 000807       | Foam (SP)          | 9 litre  | 21A / 233B       | 1329Ab/14     |
| 000838       | Foam Mist (SP)     | 2 litre  | 5A / 34B / 25F   | 1329Ab/15     |
| 000696       | Foam Mist (SP)     | 2 litre  | 5A / 55B / 25F   | 1329Ab/16     |
| 000839       | Foam Mist (SP)     | 6 litre  | 13A / 113B / 40F | 1329Ab/17     |
| 000698       | Foam Mist (SP)     | 6 litre  | 13A / 144B / 40F | 1329Ab/18     |
| 000730       | ABC 50 Powder (SP) | 1 kg     | 5A / 34B         | 1329Ab/42     |
| 000803       | ABC 50 Powder (SP) | 1 kg     | 5A / 34B         | 1329Ab/43     |
| 000731       | ABC 50 Powder (SP) | 2 kg     | 8A / 70B         | 1329Ab/44     |
| 000804       | ABC 50 Powder (SP) | 2 kg     | 8A / 70B         | 1329Ab/45     |
| 000732       | ABC 50 Powder (SP) | 4 kg     | 21A / 144B       | 1329Ab/19     |
| 000733       | ABC 50 Powder (SP) | 6 kg     | 27A / 183B       | 1329Ab/20     |
| 000734       | ABC 50 Powder (SP) | 9 kg     | 43A / 233B       | 1329Ab/21     |
| 000735       | ABC 50 Powder (SP) | 12 kg    | 55A / 233B       | 1329Ab/52     |
| 000721       | ABC 90 Powder (SP) | 1 kg     | 5A / 21B         | 1329Ab/46     |
| 000722       | ABC 90 Powder (SP) | 2 kg     | 13A / 55B        | 1329Ab/01     |
| 000723       | ABC 90 Powder (SP) | 4 kg     | 21A / 144B       | 1329Ab/02     |
| 000724       | ABC 90 Powder (SP) | 6 kg     | 27A / 183B       | 1329Ab/03     |
| 000725       | ABC 90 Powder (SP) | 9 kg     | 43A / 233B       | 1329Ab/04     |
| 000726       | ABC 90 Powder (SP) | 12 kg    | 55A / 233B       | 1329Ab/53     |
| 000736       | BC Powder (SP)     | 2 kg     | 89B              | 1329Ab/47     |
| 000737       | BC Powder (SP)     | 4 kg     | 233B             | 1329Ab/05     |
| 000738       | BC Powder (SP)     | 6 kg     | 233B             | 1329Ab/06     |
| 000739       | BC Powder (SP)     | 9 kg     | 233B             | 1329Ab/48     |
| 000717       | Water (SP)         | 6 litre  | 13A              | 1329Ab/22     |
| 000798       | Water (SP)         | 6 litre  | 13A              | 1329Ab/23     |
| 000718       | Water (SP)         | 9 litre  | 21A              | 1329Ab/24     |
| 000799       | Water (SP)         | 9 litre  | 21A              | 1329Ab/54     |
| 000709       | Water Mist (SP)    | 2 litre  | 5A / 25F         | 1329Ab/25     |
| 000710       | Water Mist (SP)    | 3 litre  | 8A / 25F         | 1329Ab/26     |
| 000711       | Water Mist (SP)    | 6 litre  | 13A / 75F        | 1329Ab/27     |
| 000712       | Water Mist (SP)    | 9 litre  | 21A / 75F        | 1329Ab/28     |
| 000780       | Wet Chemical (SP)  | 3 litre  | 8A / 40F         | 1329Ab/29     |
| 000800       | Wet Chemical (SP)  | 3 litre  | 8A / 40F         | 1329Ab/49     |
| 000719       | Wet Chemical (SP)  | 6 litre  | 13A / 75F        | 1329Ab/30     |
| 000801       | Wet Chemical (SP)  | 6 litre  | 13A / 75F        | 1329Ab/50     |
| 000720       | Wet Chemical (SP)  | 9 litre  | 21A / 75F        | 1329Ab/31     |
| 000802       | Wet Chemical (SP)  | 9 litre  | 21A / 75F        | 1329Ab/51     |

Certificate No: 1329Ag to a Technical Approval based upon EN 3 Parts 7, 8 & 9 with the exception of EN 3-7 clause 16.1 - Colour

**'CEASEFIRE' & 'SECUREZONE' Portable Fire Extinguishers**

| Product Name | Type               | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|--------------------|----------|-------------|---------------|
| 000984       | CO <sub>2</sub>    | 2 kg     | 34B         | 1329Ag/32     |
| 000985       | CO <sub>2</sub>    | 5 kg     | 70B         | 1329Ag/34     |
| 000986       | Foam (SP)          | 6 litre  | 13A / 144B  | 1329Ag/11     |
| 000987       | Foam (SP)          | 9 litre  | 21A / 233B  | 1329Ag/13     |
| 000990       | ABC 50 Powder (SP) | 6 kg     | 27A / 183B  | 1329Ag/20     |
| 000991       | ABC 50 Powder (SP) | 9 kg     | 43A / 233B  | 1329Ag/21     |
| 001105       | ABC 90 Powder (SP) | 1 kg     | 5A / 21B    | 1329Ag/46-1   |
| 001106       | ABC 90 Powder (SP) | 1 kg     | 5A / 21B    | 1329Ag/46-2   |
| 001107       | ABC 90 Powder (SP) | 1 kg     | 5A / 21B    | 1329Ag/46-3   |
| 001185       | ABC 90 Powder (SP) | 1 kg     | 5A / 21B    | 1329Ag/46-4   |
| 000988       | Water (SP)         | 6 litre  | 13A         | 1329Ag/22     |
| 000989       | Water (SP)         | 9 litre  | 21A         | 1329Ag/24     |

## **PART 2: SECTION 1**

### **PORTABLE FIRE EXTINGUISHERS**

| <b>Product Name</b> | <b>Type</b>       | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-------------------|-----------------|--------------------|----------------------|
| 001180              | Wet Chemical (SP) | 3 litre         | 8A / 40F           | 1329Ag/29            |
| 001181              | Wet Chemical (SP) | 6 litre         | 13A / 75F          | 1329Ag/30            |
| 001182              | Wet Chemical (SP) | 9 litre         | 21A / 75F          | 1329Ag/31            |

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Certificate No: 1092Ka to EN 3 Parts 7, 8 & 9

#### **'EMACO' Portable Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b>     | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| E0803-CD2           | CO <sub>2</sub> | 2 kg            | 34B                | 1092Ka/31            |
| E0803-CD5           | CO <sub>2</sub> | 5 kg            | 70B                | 1092Ka/33            |
| E0804-FM6S          | Foam (SP)       | 6 litre         | 21A/144B           | 1092Ka/17            |
| E0804-FM9S          | Foam (SP)       | 9 litre         | 27A/233B           | 1092Ka/19            |
| E0801-PD1E          | ABC Powder (SP) | 1 kg            | 8A/34B             | 1092Ka/01            |
| E0801-PD2S          | ABC Powder (SP) | 2 kg            | 13A/89B            | 1092Ka/05            |
| E0801-PD4S          | ABC Powder (SP) | 4 kg            | 27A/144B           | 1092Ka/08            |
| E0801-PD6S          | ABC Powder (SP) | 6 kg            | 43A/233B           | 1092Ka/09            |
| E0801-PD9S          | ABC Powder (SP) | 9 kg            | 55A/233B           | 1092Ka/11            |
| E0801-PD12          | ABC Powder (SP) | 12 kg           | 55A/233B           | 1092Ka/12            |
| E0802-WT6           | Water (SP)      | 6 litre         | 13A                | 1092Ka/24            |
| E0802-WT9           | Water (SP)      | 9 litre         | 21A                | 1092Ka/25            |

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Certificate No: 1092Ma to EN 3 Parts 7, 8 & 9

#### **'FIREKING' Portable Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b>       | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-------------------|-----------------|--------------------|----------------------|
| FKCD2               | CO <sub>2</sub>   | 2 kg            | 34B                | 1092Ma/31            |
| FKCD5               | CO <sub>2</sub>   | 5 kg            | 70B                | 1092Ma/33            |
| FKFM6               | Foam (SP)         | 6 litre         | 21A/144B           | 1092Ma/17            |
| FKFM9               | Foam (SP)         | 9 litre         | 27A/233B           | 1092Ma/19            |
| FKPD1               | ABC Powder (SP)   | 1 kg            | 8A/34B             | 1092Ma/01            |
| FKPD2               | ABC Powder (SP)   | 2 kg            | 13A/89B            | 1092Ma/05            |
| FKPD4               | ABC Powder (SP)   | 4 kg            | 27A/144B           | 1092Ma/08            |
| FKPD6               | ABC Powder (SP)   | 6 kg            | 43A/233B           | 1092Ma/09            |
| FKPD9               | ABC Powder (SP)   | 9 kg            | 55A/233B           | 1092Ma/11            |
| FKPD12              | ABC Powder (SP)   | 12 kg           | 55A/233B           | 1092Ma/12            |
| FKWT6               | Water (SP)        | 6 litre         | 13A                | 1092Ma/24            |
| FKWT9               | Water (SP)        | 9 litre         | 21A                | 1092Ma/25            |
| FKWC3               | Wet Chemical (SP) | 3 litre         | 13A/70B/40F        | 1092Ma/22            |
| FKWC6               | Wet Chemical (SP) | 6 litre         | 21A/113B/75F       | 1092Ma/23            |



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Certificate No: 867Ca to EN 3 Parts 7, 8 and 9

**FIREMARK Portable Fire Extinguishers**

| Product Name | Type                | Capacity | Fire rating    | LPCB Ref. No. |
|--------------|---------------------|----------|----------------|---------------|
| C2/1S        | CO <sub>2</sub>     | 2 kg     | 34B            | 867Ca/10      |
| C5/1S        | CO <sub>2</sub>     | 5 kg     | 89B            | 867Ca/11      |
| F2/1         | Foam (SP)           | 2 litre  | 8A / 55B       | 867Ca/21      |
| F6/1         | Foam (SP)           | 6 litre  | 21A/183B       | 867Ca/12      |
| F6/2         | Foam (SP)           | 6 litre  | 34A / 183B     | 867Ca/20      |
| F9/1         | Foam (SP)           | 9 litre  | 27A/233B       | 867Ca/13      |
| P1/1         | ABC Powder (SP)     | 1 kg     | 8A/55B         | 867Ca/04      |
| P2/1         | ABC Powder (SP)     | 2 kg     | 13A/89B        | 867Ca/01      |
| P4/1         | ABC Powder (SP)     | 4 kg     | 27A/233B       | 867Ca/07      |
| P6/1         | ABC Powder (SP)     | 6 kg     | 43A/233B       | 867Ca/02      |
| P9/1         | ABC Powder (SP)     | 9 kg     | 55A/233B       | 867Ca/08      |
| W6/1         | Water (SP)          | 6 litre  | 13A            | 867Ca/17      |
| W9/1         | Water (SP)          | 9 litre  | 21A            | 867Ca/09      |
| WA6/2        | Water Additive (SP) | 6 litre  | 21A            | 867Ca/19      |
| WC6/1        | Wet Chemical (SP)   | 6 litre  | 21A/ 113B/ 75F | 867Ca/16      |

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Certificate No: 1092Ea to EN 3 parts 7, 8 & 9

**Fullblaze Portable Fire Extinguishers**

| Product Name | Type            | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| FBCD2        | CO <sub>2</sub> | 2 kg     | 34B         | 1092Ea/31     |
| FBCD5        | CO <sub>2</sub> | 5 kg     | 70B         | 1092Ea/33     |
| FBFM6S       | Foam (SP)       | 6 litre  | 21A/144B    | 1092Ea/17     |
| FBFM9S       | Foam (SP)       | 9 litre  | 27A/233B    | 1092Ea/19     |
| FBPD1E       | ABC Powder (SP) | 1 kg     | 8A/34B      | 1092Ea/01     |
| FBPD2S       | ABC Powder (SP) | 2 kg     | 13A/89B     | 1092Ea/05     |
| FBPD6S       | ABC Powder (SP) | 6 kg     | 43A/233B    | 1092Ea/09     |
| FBPD9S       | ABC Powder (SP) | 9 kg     | 55A/233B    | 1092Ea/11     |
| FBPD12       | ABC Powder (SP) | 12 kg    | 55A/233B    | 1092Ea/12     |

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Certificate No: 783b to EN 3-7:2004 + A1:2007

**Portable Fire Extinguishers**

| Product Name | Type            | Capacity | Fire rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| EFS6 PLUS    | Foam (SP)       | 6 litre  | 34A/183B    | 783b/01       |
| EC2          | CO <sub>2</sub> | 2 kg     | 34B         | 783b/02       |

## **PART 2: SECTION 1**

### **PORTABLE FIRE EXTINGUISHERS**

| <b>Product Name</b> | <b>Type</b>     | <b>Capacity</b> | <b>Fire rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| EC2F                | CO <sub>2</sub> | 2 kg            | 55B                | 783b/03              |
| EC5                 | CO <sub>2</sub> | 5 kg            | 70B                | 783b/04              |

Certificate No: 783a to EN 3 Parts 7 & 8

#### **Portable Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b>  | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|--------------|-----------------|--------------------|----------------------|
| EWCS3               | F Class (SP) | 3 litre         | 8A/25F             | 783a/01              |
| EWCS6               | F Class (SP) | 6 litre         | 13A/75F            | 783a/02              |

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Certificate No: 1094b to a Technical Approval based upon EN 3-7:2004+A1:2007 with the exception of Clause 6.1 – Nominal Charges

#### **JEWEL FIRE GROUP' Portable Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b>     | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| 1WMX                | Water Mist (SP) | 1 litre         | 5F                 | 1094b/01             |
| 1.4WMX              | Water Mist (SP) | 1.4 litre       | 5A / 5F            | 1094b/02             |

Certificate No: 1094a to EN 3-7:2004+A1:2007

#### **'JEWEL FIRE GROUP' Portable Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b>     | <b>Capacity</b> | <b>Fire rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| 3WMX                | Water Mist (SP) | 3 litre         | 8A/25F             | 1094a/01             |
| 6WMX                | Water Mist (SP) | 6 litre         | 13A/75F            | 1094a/02             |

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Certificate No: 501a to EN 3 Parts 7,8 and 9

#### **Portable fire extinguishers**

| <b>Product Name</b> | <b>Type</b>     | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| C-2CSEC (1)         | Carbon dioxide  | 2 kg            | 34B                | 501a/14              |
| C-5CSEC (1)         | Carbon dioxide  | 5 kg            | 55B                | 501a/15              |
| C-6FSE (1)          | Foam            | 6 litre         | 8A/113B            | 501a/07              |
| C-9FSE (1)          | Foam            | 9 litre         | 34A/233B           | 501a/08              |
| C-9FCE (1)          | Foam (GC)       | 9 litre         | 34A/233B           | 501a/11              |
| C-1ASE (1)          | ABC Powder (SP) | 1kg             | 5A/55B             | 501a/01              |
| C-2ASE (1)          | ABC Powder (SP) | 2kg             | 13A/55B            | 501a/02              |
| C-3ASE (1)          | ABC Powder (SP) | 3kg             | 13A/55B            | 501a/03              |
| C-4ASE (1)          | ABC Powder (SP) | 4kg             | 21A/144B           | 501a/04              |
| C-6ASE (1)          | ABC Powder (SP) | 6kg             | 34A/233B           | 501a/05              |
| C-9ASE (1)          | ABC Powder (SP) | 9kg             | 43A/233B           | 501a/06              |
| C-6ACE (1)          | ABC Powder (GC) | 6 kg            | 27A/233B           | 501a/16              |
| C-9ACE (1)          | ABC Powder (GC) | 9 kg            | 43A/233B           | 501a/17              |

**PART 2: SECTION 1**  
**PORTABLE FIRE EXTINGUISHERS**

| Product Name | Type                | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|---------------------|----------|-------------|---------------|
| C-12ACE (1)  | ABC Powder (GC)     | 12 kg    | 55A/233B    | 501a/18       |
| C-9MSE(1)    | BC Powder (SP)      | 9 kg     | 233B        | 501a/19       |
| C-9PKSE(1)   | BC Powder (SP)      | 9 kg     | 233B        | 501a/20       |
| C-12PKCE(1)  | BC Powder (GC)      | 12 kg    | 233B        | 501a/21       |
| C-6WSE (1)   | Water (SP)          | 6 litre  | 8A          | 501a/09       |
| C-9WSE (1)   | Water (SP)          | 9 litre  | 13A         | 501a/10       |
| C-9WSEA (1)  | Water additive (SP) | 9 litre  | 21A         | 501a/12       |
| C-9WCEA (1)  | Water additive (GC) | 9 litre  | 21A         | 501a/13       |
| Q-2CSEC (2)  | Carbon dioxide      | 2 kg     | 34B         | 501a/14       |
| Q-5CSEC (2)  | Carbon dioxide      | 5 kg     | 55B         | 501a/15       |
| Q-6SF (2)    | Foam                | 6 litre  | 8A/113B     | 501a/07       |
| Q-9SF (2)    | Foam                | 9 litre  | 34A/233B    | 501a/08       |
| Q-9CF (2)    | Foam (GC)           | 9 litre  | 34A/233B    | 501a/11       |
| Q-1SP (2)    | ABC Powder (SP)     | 1 kg     | 5A/55B      | 501a/01       |
| Q-2SP (2)    | ABC Powder (SP)     | 2 kg     | 13A/55B     | 501a/02       |
| Q-3SP (2)    | ABC Powder (SP)     | 3 kg     | 13A/55B     | 501a/03       |
| Q-4SP (2)    | ABC Powder (SP)     | 4 kg     | 21A/144B    | 501a/04       |
| Q-6SP (2)    | ABC Powder (SP)     | 6 kg     | 34A/233B    | 501a/05       |
| Q-9SP (2)    | ABC Powder (SP)     | 9 kg     | 43A/233B    | 501a/06       |
| Q-9MSE(2)    | BC Powder (SP)      | 9 kg     | 233B        | 501a/19       |
| Q-9PKSE(2)   | BC Powder (SP)      | 9 kg     | 233B        | 501a/20       |
| Q-12PKCE(2)  | BC Powder (GC)      | 12 kg    | 233B        | 501a/21       |
| Q-6SW (2)    | Water (SP)          | 6 litre  | 8A          | 501a/09       |
| Q-9SWE (2)   | Water (SP)          | 9 litre  | 13A         | 501a/10       |
| Q-9WSEA (2)  | Water additive (SP) | 9 litre  | 21A         | 501a/12       |
| Q-9WCEA (2)  | Water additive (GC) | 9 litre  | 21A         | 501a/13       |
| Q-6CP (2)    | ABC Powder (GC)     | 6 kg     | 27A/233B    | 501a/16       |
| Q-9CP (2)    | ABC Powder (GC)     | 9 kg     | 43A/233B    | 501a/17       |
| Q-12CP (2)   | ABC Powder (GC)     | 12 kg    | 55A/233B    | 501a/18       |

Certificate No: 501h to A Technical Approval based on BS EN 3 Part 7.

**Portable Fire Extinguishers**

| Product Name | Type           | Capacity | Fire rating | LPCB Ref. No. |
|--------------|----------------|----------|-------------|---------------|
| C-11MCE      | BC Powder (GC) | 11 kg    | 233B        | 501h/01       |
| Q-11MCE      | BC Powder (GC) | 11 kg    | 233B        | 501h/02       |

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Certificate No: 463a to EN 3: Parts 7, 8 & 9

**Portable Fire Extinguishers**

| Product Name | Type                | Capacity | Fire Rating  | LPCB Ref. No. |
|--------------|---------------------|----------|--------------|---------------|
| NHFC4        | Clean Agent (SP)    | 4 kg     | 34B          | 463a/33       |
| NHFC6        | Clean Agent (SP)    | 6 kg     | 5A/55B       | 463a/34       |
| NHFC9        | Clean Agent (SP)    | 9 kg     | 8A/70B       | 463a/35       |
| NHFC12       | Clean Agent (SP)    | 12 kg    | 13A/70B      | 463a/36       |
| NC2          | CO <sub>2</sub>     | 2 kg     | 34B          | 463a/01       |
| NCS2         | CO <sub>2</sub>     | 2 kg     | 34B          | 463a/06       |
| NC22         | CO <sub>2</sub>     | 2 kg     | 55B          | 463a/07       |
| NC5          | CO <sub>2</sub>     | 5 kg     | 55B          | 463a/02       |
| NC5X         | CO <sub>2</sub>     | 5 kg     | 70B          | 463a/15       |
| NCA5X        | CO <sub>2</sub>     | 5 kg     | 70B          | 463a/16       |
| NF 2EB       | Eco Barid Foam (SP) | 2 litre  | 8A/89B/5F    | 463a/39       |
| NF 3EB       | Eco Barid Foam (SP) | 3 litre  | 8A/113B/25F  | 463a/40       |
| NF 6EB       | Eco Barid Foam (SP) | 6 litre  | 21A/183B/40F | 463a/41       |
| NF 9EB       | Eco Barid Foam (SP) | 9 litre  | 27A/183B/40F | 463a/42       |
| NF3          | Foam (SP)           | 3 litre  | 8A/70B       | 463a/17       |
| NF3X         | Foam (SP)           | 3 litre  | 8A/70B       | 463a/18       |
| NF6          | Foam (SP)           | 6 litre  | 21A/144B     | 463a/08       |

## **PART 2: SECTION 1**

### **PORTABLE FIRE EXTINGUISHERS**

| <b>Product Name</b> | <b>Type</b>     | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| NF6X                | Foam (SP)       | 6 litre         | 27A/144B           | 463a/19              |
| NF9                 | Foam (SP)       | 9 litre         | 21A/183B           | 463a/09              |
| NF9X                | Foam (SP)       | 9 litre         | 27A/233B           | 463a/20              |
| NFA9                | Foam (SP)       | 9 litre         | 21A/183B           | 463a/21              |
| NFC6X               | Foam (GC)       | 6 litre         | 27A/144B           | 463a/26              |
| NFC9X               | Foam (GC)       | 9 litre         | 34A/233B           | 463a/27              |
| NP1                 | ABC Powder (SP) | 1 kg            | 8A/34B             | 463a/05              |
| NP2                 | ABC Powder (SP) | 2 kg            | 13A/70B            | 463a/37              |
| NP3                 | ABC Powder (SP) | 3 kg            | 21A/89B            | 463a/28              |
| NP4                 | ABC Powder (SP) | 4 kg            | 21A/113B           | 463a/10              |
| NP6                 | ABC Powder (SP) | 6 kg            | 34A/183B           | 463a/38              |
| NP9                 | ABC Powder (SP) | 9 kg            | 43A/233B           | 463a/03              |
| NP12                | ABC Powder (SP) | 12 kg           | 55A/233B           | 463a/04              |
| NW6                 | Water (SP)      | 6 litre         | 13A                | 463a/11              |
| NW6X                | Water (SP)      | 6 litre         | 13A                | 463a/22              |
| NW9                 | Water (SP)      | 9 litre         | 21A                | 463a/12              |
| NW9X                | Water (SP)      | 9 litre         | 21A                | 463a/23              |
| NWC6X               | Water (SP)      | 6 litre         | 13A                | 463a/29              |
| NWC9X               | Water (SP)      | 9 litre         | 21A                | 463a/30              |
| NWA9                | Water (SP)      | 9 litre         | 21A                | 463a/24              |
| NWN6                | Water (SP)      | 6 litre         | 13A                | 463a/13              |
| NWN9                | Water (SP)      | 9 litre         | 13A                | 463a/14              |
| NKE2                | Wet Chemical    | 2 litre         | 5F                 | 463a/31              |
| NKE3X               | Wet Chemical    | 3 litre         | 8A/25F             | 463a/32              |
| NKE6                | Wet Chemical    | 6 litre         | 13A/75F            | 463a/25              |

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Certificate No: 10921a to EN 3 Parts 7, 8 & 9

#### **'NAF' Portable Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b>     | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| NCD5                | CO <sub>2</sub> | 5 kg            | 70B                | 10921a/33            |
| NFM6                | Foam (SP)       | 6 litre         | 21A/144B           | 10921a/17            |
| NFM9                | Foam (SP)       | 9 litre         | 27A/233B           | 10921a/19            |
| NPD6S               | ABC Powder (SP) | 6 kg            | 43A/233B           | 10921a/09            |
| NPD9                | ABC Powder (SP) | 9 kg            | 55A/233B           | 10921a/11            |
| NPD12               | ABC Powder (SP) | 12 kg           | 55A/233B           | 10921a/12            |

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Certificate No: 463Aa to EN 3 - Parts 7 and,8

#### **Portable fire extinguishers**

| <b>Product Name</b> | <b>Type</b>      | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|------------------|-----------------|--------------------|----------------------|
| NQHFC4              | Clean agent (SP) | 4 kg            | 34B                | 463Aa/33             |
| NQHFC6              | Clean agent (SP) | 6 kg            | 5A/55B             | 463Aa/34             |
| NQHFC9              | Clean agent (SP) | 9 kg            | 8A/70B             | 463Aa/35             |
| NQHFC12             | Clean agent (SP) | 12 kg           | 13A/70B            | 463Aa/36             |

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Certificate No: 1092La to EN 3 Parts 7, 8 & 9

**'WETPLUG' Portable Fire Extinguishers**

| Product Name | Type                | Capacity | Fire Rating  | LPCB Ref. No. |
|--------------|---------------------|----------|--------------|---------------|
| WPC2A        | CO2                 | 2 kg     | 34B          | 1092La/30     |
| WPC2         | CO2                 | 2 kg     | 34B          | 1092La/31     |
| WPC5A        | CO2                 | 5 kg     | 70B          | 1092La/32     |
| WPC5         | CO2                 | 5 kg     | 70B          | 1092La/33     |
| WPF2         | Foam (SP)           | 2 litre  | 8A/55B       | 1092La/14     |
| WPF3         | Foam (SP)           | 3 litre  | 13A/89B      | 1092La/16     |
| WPF6         | Foam (SP)           | 6 litre  | 21A/144B     | 1092La/17     |
| WPF6RS       | Foam (SP)           | 6 litre  | 27A/183B     | 1092La/18     |
| WPF9         | Foam (SP)           | 9 litre  | 27A/233B     | 1092La/19     |
| WPP1         | ABC Powder (SP)     | 1 kg     | 8A/55B       | 1092La/04     |
| WPP2         | ABC Powder (SP)     | 2 kg     | 13A/89B      | 1092La/05     |
| WPP3         | ABC Powder (SP)     | 3 kg     | 21A/113B     | 1092La/07     |
| WPP4         | ABC Powder (SP)     | 4 kg     | 27A/144B     | 1092La/08     |
| WPP6         | ABC Powder (SP)     | 6 kg     | 43A/233B     | 1092La/09     |
| WPP6RS       | ABC Powder (SP)     | 6 kg     | 55A/233B     | 1092La/10     |
| WPP9         | ABC Powder (SP)     | 9 kg     | 55A/233B     | 1092La/11     |
| WPP12        | ABC Powder (SP)     | 12 kg    | 55A/233B     | 1092La/12     |
| WPW6         | Water (SP)          | 6 litre  | 13A          | 1092La/24     |
| WPW9         | Water (SP)          | 9 litre  | 21A          | 1092La/25     |
| WPWA3        | Water Additive (SP) | 3 litre  | 13A          | 1092La/28     |
| WPWA6        | Water Additive (SP) | 6 litre  | 27A          | 1092La/29     |
| WPWC2        | Wet Chemical (SP)   | 2 litre  | 8A/34B/25F   | 1092La/21     |
| WPWC3        | Wet Chemical (SP)   | 3 litre  | 13A/70B/40F  | 1092La/22     |
| WPWC6        | Wet Chemical (SP)   | 6 litre  | 21A/113B/75F | 1092La/23     |

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Certificate No: 1093b to EN 3-7:2004+A1:2007

**FIRECHIEF FM Portable Fire Extinguishers**

| Product Name | Type            | Capacity | Fire rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| FMP600       | ABC Powder (SP) | 0.6 kg   | 5A/21B      | 1093b/01      |
| FMP800       | ABC Powder (SP) | 0.8 kg   | 5A/34B      | 1093b/03      |

Certificate No: 1093a to EN 3 Parts 7, 8 & 9

**FIRECHIEF FM, XTR, POWERPLUS & ECOSPRAY Extinguishers**

| Product Name | Type            | Capacity | Fire rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| FXCD2S       | CO <sub>2</sub> | 2 kg     | 34B         | 1093a/31      |
| FXCD5S       | CO <sub>2</sub> | 5 kg     | 70B         | 1093a/33      |
| FXF2         | Foam (SP)       | 2 litre  | 8A/55B      | 1093a/15      |
| FXF3         | Foam (SP)       | 3 litre  | 13A/89B     | 1093a/16      |
| FXF6         | Foam (SP)       | 6 litre  | 21A/144B    | 1093a/17      |
| FXF9         | Foam (SP)       | 9 litre  | 27A/233B    | 1093a/19      |
| FMP1         | ABC Powder (SP) | 1 kg     | 8A/34B      | 1093a/01      |
| PPP1         | ABC Powder (SP) | 1 kg     | 8A/55B      | 1093a/04      |
| FXP2         | ABC Powder (SP) | 2 kg     | 13A/89B     | 1093a/06      |

## **PART 2: SECTION 1**

### **PORTABLE FIRE EXTINGUISHERS**

| <b>Product Name</b> | <b>Type</b>         | <b>Capacity</b> | <b>Fire rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|---------------------|-----------------|--------------------|----------------------|
| FXP3                | ABC Powder (SP)     | 3 kg            | 21A/113B           | 1093a/07             |
| FXP4                | ABC Powder (SP)     | 4 kg            | 27A/144B           | 1093a/08             |
| FXP6                | ABC Powder (SP)     | 6 kg            | 43A/233B           | 1093a/09             |
| FXP9                | ABC Powder (SP)     | 9 kg            | 55A/233B           | 1093a/11             |
| FXP12               | ABC Powder (SP)     | 12 kg           | 55A/233B           | 1093a/12             |
| FXW6                | Water (SP)          | 6 litre         | 13A                | 1093a/24             |
| FXW9                | Water (SP)          | 9 litre         | 21A                | 1093a/25             |
| ESW3                | Water Additive (SP) | 3 litre         | 13A                | 1093a/28             |
| ESW6                | Water Additive (SP) | 6 litre         | 27A                | 1093a/29             |
| FXWC2               | Wet Chemical (SP)   | 2 litre         | 8A/34B/25F         | 1093a/21             |
| FXWC3               | Wet Chemical (SP)   | 3 litre         | 13A/70B/40F        | 1093a/22             |
| FXWC6               | Wet Chemical (SP)   | 6 litre         | 21A/113B/75F       | 1093a/23             |

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Certificate No: 1092a to EN 3 Parts 7,8 & 9

#### **Portable Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b>         | <b>Capacity</b> | <b>Fire rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|---------------------|-----------------|--------------------|----------------------|
| TMCD2A              | CO <sub>2</sub>     | 2 kg            | 34B                | 1092a/30             |
| TMCD2               | CO <sub>2</sub>     | 2 kg            | 34B                | 1092a/31             |
| TMCD5A              | CO <sub>2</sub>     | 5 kg            | 70B                | 1092a/32             |
| TMCD5               | CO <sub>2</sub>     | 5 kg            | 70B                | 1092a/33             |
| TMFM2S              | Foam (SP)           | 2 litre         | 8A/55B             | 1092a/14             |
| TMFM3S              | Foam (SP)           | 3 litre         | 13A/89B            | 1092a/16             |
| TMFM6S              | Foam (SP)           | 6 litre         | 21A/144B           | 1092a/17             |
| TMFM6RS             | Foam (SP)           | 6 litre         | 27A/183B           | 1092a/18             |
| TMFM9S              | Foam (SP)           | 9 litre         | 27A/233B           | 1092a/19             |
| TMPD1E              | ABC Powder (SP)     | 1 kg            | 8A/34B             | 1092a/01             |
| TMPD1A              | ABC Powder (SP)     | 1 kg            | 8A/34B             | 1092a/02             |
| TMPD1               | ABC Powder (SP)     | 1 kg            | 8A/34B             | 1092a/03             |
| TMPD1S              | ABC Powder (SP)     | 1 kg            | 8A/55B             | 1092a/04             |
| TMPD2S              | ABC Powder (SP)     | 2 kg            | 13A/89B            | 1092a/05             |
| TMPD3S              | ABC Powder (SP)     | 3 kg            | 21A/113B           | 1092a/07             |
| TMPD4S              | ABC Powder (SP)     | 4 kg            | 27A/144B           | 1092a/08             |
| TMPD6S              | ABC Powder (SP)     | 6 kg            | 43A/233B           | 1092a/09             |
| TMPD6RS             | ABC Powder (SP)     | 6 kg            | 55A/233B           | 1092a/10             |
| TMPD9S              | ABC Powder (SP)     | 9 kg            | 55A/233B           | 1092a/11             |
| TMPD12              | ABC Powder (SP)     | 12 kg           | 55A/233B           | 1092a/12             |
| TMWT6               | Water (SP)          | 6 litre         | 13A                | 1092a/24             |
| TMWT9               | Water (SP)          | 9 litre         | 21A                | 1092a/25             |
| TMWT3A              | Water Additive (SP) | 3 litre         | 13A                | 1092a/28             |
| TMWT6A              | Water Additive (SP) | 6 litre         | 27A                | 1092a/29             |
| TMWC2               | Wet Chemical (SP)   | 2 litre         | 8A/34B/25F         | 1092a/21             |
| TMWC3               | Wet Chemical (SP)   | 3 litre         | 13A/70B/40F        | 1092a/22             |
| TMWC6               | Wet Chemical (SP)   | 6 litre         | 21A/113B/75F       | 1092a/23             |

Certificate No: 1092b to Technical Approval based upon EN 3-7:2004+A1:2007

#### **'TIANBO' Portable Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b>     | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| PD600               | ABC Powder (SP) | 0.6 kg          | 5A/21B             | 1092b/01             |
| PD800               | ABC Powder (SP) | 0.8 kg          | 5A/34B             | 1092b/03             |

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Certificate No: 1327a to EN 3-7:2004+A1:2007 & EN 3-9:2006

**Portable Fire Extinguishers**

| Product Name | Type            | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| OCE2-LWB117  | CO <sub>2</sub> | 2 kg     | 34B         | 1327a/01      |
| OCE5-LWB152  | CO <sub>2</sub> | 5 kg     | 70B         | 1327a/02      |

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Certificate No: 867a to EN 3-7:2004+A1:2007, EN 3-8:2006 & EN 3-9:2006

**RUIHUA Portable Fire Extinguishers**

| Product Name   | Type                | Capacity | Fire rating  | LPCB Ref. No. |
|----------------|---------------------|----------|--------------|---------------|
| K2S (1)        | CO <sub>2</sub>     | 2 kg     | 34B          | 867a/10       |
| K5S (1)        | CO <sub>2</sub>     | 5 kg     | 89B          | 867a/11       |
| S2 Eco (1,2)   | Foam (SP)           | 2 litre  | 8A / 55B     | 867a/21       |
| S6 Eco (1,2)   | Foam (SP)           | 6 litre  | 21A / 183B   | 867a/12       |
| S6 Eco Plus    | Foam (SP)           | 6 litre  | 34A/183B     | 867a/20       |
| S9 Eco (1,2)   | Foam (SP)           | 9 litre  | 27A/233B     | 867a/13       |
| P1GS (1,2)     | ABC Powder (SP)     | 1 kg     | 8A/55B       | 867a/04       |
| PG2/P2GS (1,2) | ABC Powder (SP)     | 2 kg     | 13A/89B      | 867a/01       |
| P2P            | ABC Powder (SP)     | 2 kg     | 13A/89B      | 867a/15       |
| PG3/P3GS       | ABC Powder (SP)     | 3 kg     | 21A/144B     | 867a/05       |
| PG4/P4GS (1)   | ABC Powder (SP)     | 4 kg     | 27A/233B     | 867a/07       |
| P6GS (1,2)     | ABC Powder (SP)     | 6 kg     | 43A/233B     | 867a/02       |
| PG9/P9GS (1,2) | ABC Powder (SP)     | 9 kg     | 55A/233B     | 867a/08       |
| PG12/P12GS     | ABC Powder (SP)     | 12 kg    | 55A/233B     | 867a/03       |
| W6 (1)         | Water (SP)          | 6 litre  | 13A          | 867a/17       |
| W9 (1)         | Water (SP)          | 9 litre  | 21A          | 867a/09       |
| WA6            | Water Additive (SP) | 6 litre  | 21A          | 867a/19       |
| F6 (1)         | Wet Chemical (SP)   | 6 litre  | 21A/113B/75F | 867a/16       |

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

Fire Hose Reels should be selected, sited, serviced and maintained in accordance with the relevant code of practice, EN 671-1 for 25 mm or 33 mm bore hose, or EN 671-2 for 38 mm bore hose.

They are normally approved for use to be located in a protective easily accessible cabinet to give protection from un-authorized interference, dust, rubbish etc.

A fully extended semi rigid fire hose is up to 30 meters long, red in colour and round in section and is intended to provide a controlled supply of water to combat a potential fire risk quickly without having to set up lengths of lay flat hose from another source. This is achieved via a control nozzle attached to the end of the hose which enables a single operator to control the direction and flow of water to the fire. Its semi rigid construction is flexible and durable, which helps to prevent kinks that would restrict the water supply.

Hose reels help to ensure that escape routes can be maintained and are often located in larger areas or corridors where a fire extinguisher does not provide sufficient cover. If appropriate to the risk the hose reel may also be used to fight the fire in its early stages.

In some countries layflat hose (which has a larger bore than semi rigid hose) may also be used in a similar manner to a conventional hose reel. The layflat hose, typically 30 metres in length, is located in a cupboard containing a hanging rack and a manual or automatic valve connection to a suitable water supply. The layflat hose system is installed in a fixed location within a building, ensuring a fast and easily available source of larger quantities of water. A branch or nozzle is also supplied to control the water distribution.

**This section lists products approved in accordance with:**

- EN 671-1 *Hose reels with semi-rigid hose;*
- EN 671-2 *Hose systems with lay-flat hose.*

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#### **Adkinns Inc.**

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Certificate No: 1038BAa to EN 671-1:2012

#### **'HAROLD PATRICKS' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                                | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|---|-------------------------------|--------------------------------|--|----------------------|
| HR-MS2530           | Manual, swinging arm, cabinet or wall mounted     | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BAa/02           |
| HR-AS2530           | Automatic, swinging arm, cabinet or wall mounted  | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BAa/04           |
| HR-MF2530           | Manual, fixed, wall mounted                       | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BAa/07           |
| HR-MP2530           | Manual, swinging pipe, cabinet or wall mounted    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BAa/10           |
| HR-AP2530           | Automatic, swinging pipe, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BAa/11           |
| HR-AF2530           | Automatic, fixed, wall mounted                    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BAa/19           |



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Certificate No: 1153Ua to EN 671-1:2012

**'SECURE' Fire Hose Reels**

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type               | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|---------------------------|---------------|
| SE06-172-00  | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Rotary operated jet/spray | 1153Ua/01     |
| SE06-173-00  | Manual, fixed, cabinet or wall mounted           | 25                     | 30                      | Rotary operated jet/spray | 1153Ua/02     |
| SE06-173B-00 | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Rotary operated jet/spray | 1153Ua/05     |

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Certificate No: 1038Ra to EN 671-1

**Tahadi Fire Hose Reels**

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| TSS-08-A     | Manual, swinging arm, cabinet or wall mounted    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Ra/01     |
| TSS-07-B     | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Ra/02     |
| TSS-06-B     | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Ra/04     |

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Certificate No: 1153Ea to EN 671-1:2012

**TARTAN Fire Hose Reels**

| Product Name | Description                           | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type               | LPCB Ref. No. |
|--------------|---------------------------------------|------------------------|-------------------------|---------------------------|---------------|
| MT-HR002     | Automatic, swinging arm, wall mounted | 25                     | 30                      | Rotary operated jet/spray | 1153Ea/01     |
| MT-HR001     | Manual, swinging arm, wall mounted    | 25                     | 30                      | Rotary operated jet/spray | 1153Ea/05     |

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

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Certificate No: 1092Nd to EN 671-1:2012

#### **'Armor' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>    | <b>LPCB Ref. No.</b> |
|---------------------|-----------------------------------|-------------------------------|--------------------------------|-----------------------|----------------------|
| ARM-HR2530          | Swinging, automatic, wall mounted | 25                            | 30                             | Rotary operated spray | 1092Nd/07            |

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Certificate No: 1153Pa to EN 671-1:2012

#### **'URANUS' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                               | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>        | <b>LPCB Ref. No.</b> |
|---------------------|--|-------------------------------|--------------------------------|---------------------------|----------------------|
| BMUHR-AS2530        | Automatic, swinging arm, cabinet or wall mounted | 25                            | 30                             | Rotary operated jet/spray | 1153Pa/01            |

#### **Beijing Synergy Technology Company, Ltd.**

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Certificate No: 1038AJa to EN 671-1:2012

#### **'SNG' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                               | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| SNG07-03A           | Manual, swinging arm, cabinet or wall mounted    | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038AJa/01           |
| SNG07-03B           | Manual, swinging arm, cabinet or wall mounted    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038AJa/02           |
| SNG07-03C           | Automatic, swinging arm, cabinet or wall mounted | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038AJa/03           |
| SNG07-03D           | Automatic, swinging arm, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038AJa/04           |
| SNG07-02D           | Manual, swinging arm, wall mounted               | 33                            | 30                             | Rotary operated jet/spray                            | 1038AJa/05           |
| SNG07-04A           | Manual, fixed, wall mounted                      | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038AJa/06           |
| SNG07-04B           | Manual, fixed, wall mounted                      | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038AJa/07           |
| SNG07-02C           | Manual, swinging arm, wall mounted               | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038AJa/12           |
| SNG07-02A           | Manual, swinging pipe, cabinet or wall mounted   | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038AJa/13           |

**PART 2: SECTION 3**

## FIRE HOSE REELS

| Product Name | Description                                    | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| SNG07-02B    | Manual, swinging pipe, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AJa/14    |

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Certificate No: 1038Xa to EN 671-1:2012

**BETA Fire Hose Reels**

| Product Name | Description                                   | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|---------------|
| BETA-01      | Manual, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Xa/01     |
| BETA-02      | Manual, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Xa/02     |
| BETA-03      | Manual, swinging arm, wall mounted            | 33                     | 30                      | Rotary operated jet/spray                            | 1038Xa/05     |

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Certificate No: 1038AHa to EN 671-1:2012

**'BGS' Fire Hose Reels**

| Product Name | Description                                   | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|---------------|
| HAS20ZN      | Manual, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AHa/01    |
| HAS30ZN      | Manual, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AHa/02    |
| HAS20VN      | Manual, fixed, wall mounted                   | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AHa/06    |
| HAS30VN      | Manual, fixed, wall mounted                   | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AHa/07    |

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Certificate No: 1038BH a to EN 671-1:2012

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

#### **Fire Hose Reels**

| <b>Product Name</b>       | <b>Product Name</b> | <b>Description</b>                               | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------------|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| 'BON FIRE' Fire Hose Reel | BNFHRRMB07          | Manual, swinging arm, cabinet or wall mounted    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BHa/02           |
|                           | BNFHRRAB06          | Automatic, swinging arm, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BHa/04           |

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Certificate No: 1038BBa to EN 671-1:2012

#### **'BRAKE FIRE' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                               | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| BFHR-19-M           | Manual, swinging arm, cabinet or wall mounted    | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BBa/01           |
| BFHR-25-M           | Manual, swinging arm, cabinet or wall mounted    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BBa/02           |
| BFHR-19-A           | Automatic, swinging arm, cabinet or wall mounted | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BBa/03           |
| BFHR-25-A           | Automatic, swinging arm, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BBa/04           |

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Certificate No: 1038APa to EN 671-1:2012

#### **'BRISTOL' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                               | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| BF-MS-003N          | Manual, swinging arm, cabinet or wall mounted    | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038APa/01           |
| BF-MS-001N          | Manual, swinging arm, cabinet or wall mounted    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038APa/02           |
| BF-AS-004N          | Automatic, swinging arm, cabinet or wall mounted | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038APa/03           |
| BF-AS-002N          | Automatic, swinging arm, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038APa/04           |

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Certificate No: 1038AYa to EN 671-1:2012

**'C fire' Fire Hose Reels**

| Product Name  | Description                                   | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|---------------|---|------------------------|-------------------------|--|---------------|
| CF-BHZB-20/19 | Manual, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AYa/01    |
| CF-BHZB-30/25 | Manual, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AYa/02    |
| CF-BHV-20/19  | Manual, fixed, wall mounted                   | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AYa/06    |
| CF-BHV-30/25  | Manual, fixed, wall mounted                   | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AYa/07    |

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Certificate No: 1092Hd to EN 671-1

**COFFCO Fire Hose Reels**

| Product Name | Description                       | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type           | LPCB Ref. No. |
|--------------|-----------------------------------|------------------------|-------------------------|-----------------------|---------------|
| CFFHRFA19    | Fixed, automatic, wall mounted    | 19                     | 30                      | Rotary operated spray | 1092Hd/01     |
| CFFHRFM19    | Fixed, manual, wall mounted       | 19                     | 30                      | Rotary operated spray | 1092Hd/02     |
| CFFHSA19     | Swinging, automatic, wall mounted | 19                     | 30                      | Rotary operated spray | 1092Hd/03     |
| CFFHSM19     | Swinging, manual, wall mounted    | 19                     | 30                      | Rotary operated spray | 1092Hd/04     |
| CFFHRFA25    | Fixed, automatic, wall mounted    | 25                     | 30                      | Rotary operated spray | 1092Hd/05     |
| CFFHRFM25    | Fixed, manual, wall mounted       | 25                     | 30                      | Rotary operated spray | 1092Hd/06     |
| CFFHSA25     | Swinging, automatic, wall mounted | 25                     | 30                      | Rotary operated spray | 1092Hd/07     |
| CFFHSM25     | Swinging, manual, wall mounted    | 25                     | 30                      | Rotary operated spray | 1092Hd/08     |

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Certificate No: 1038Wa to EN 671-1:2012

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

#### **Crico Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                            | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|---|-------------------------------|--------------------------------|--|----------------------|
| AQUASPRAY 20S       | Manual, swinging arm, cabinet or wall mounted | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Wa/01            |
| AQUASPRAY 30S       | Manual, swinging arm, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Wa/02            |
| AQUAJET MP33        | Manual, swinging arm, wall mounted            | 33                            | 30                             | Rotary operated jet/spray                            | 1038Wa/05            |
| AQUASPRAY 20F       | Manual, fixed, wall mounted                   | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Wa/06            |
| AQUASPRAY 30F       | Manual, fixed, wall mounted                   | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Wa/07            |
| AQUAJET MP25        | Manual, swinging arm, wall mounted            | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Wa/12            |

#### **Dafoos Fire Protection Equipment Trading Est.**

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Certificate No: 1153Ga to EN 671-1:2012

#### **'SPARTAN' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                    | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>        | <b>LPCB Ref. No.</b> |
|---------------------|---------------------------------------|-------------------------------|--------------------------------|---------------------------|----------------------|
| DFP-FHA-025         | Automatic, swinging arm, wall mounted | 25                            | 30                             | Rotary operated jet/spray | 1153Ga/01            |
| DFP-FHM-025         | Manual, swinging arm, wall mounted    | 25                            | 30                             | Rotary operated jet/spray | 1153Ga/05            |

#### **Demco Industries Sdn. Bhd.**

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Certificate No: 1038ASa to EN 671-1:2012

#### **'DEMCO' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                               | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| D-808-19            | Manual, swinging arm, cabinet or wall mounted    | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038ASa/01           |
| D-807-25            | Manual, swinging arm, cabinet or wall mounted    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038ASa/02           |
| D-810-19            | Automatic, swinging arm, cabinet or wall mounted | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038ASa/03           |
| D-806-25            | Automatic, swinging arm, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038ASa/04           |

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Certificate No: 1038ANa to EN 671-1:2012

**'DIMEX PROTECTION' Fire Hose Reels**

| Product Name | Description                                   | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|---------------|
| DP 20S       | Manual, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038ANa/01    |
| DP 30S       | Manual, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038ANa/02    |
| DP 20F       | Manual, fixed, wall mounted                   | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038ANa/06    |
| DP 30F       | Manual, fixed, wall mounted                   | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038ANa/07    |

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Certificate No: 1038ALa to EN 671-1:2012

**'EMACO' Fire Hose Reels**

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| E0161-08-A   | Manual, swinging arm, cabinet or wall mounted    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038ALa/01    |
| E0161-07-B   | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038ALa/02    |
| E0161-10-B   | Automatic, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038ALa/03    |
| E0161-06-B   | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038ALa/04    |

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Certificate No: 1127Aa to EN 671-1:2012

**'EUROFEU' Fire Hose Reels**

| Product Name | Description                           | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type               | LPCB Ref. No. |
|--------------|---------------------------------------|------------------------|-------------------------|---------------------------|---------------|
| ERF2530AP    | Automatic, swinging arm, wall mounted | 25                     | 30                      | Rotary operated jet/spray | 1127Aa/01     |
| ERF2530P     | Manual, swinging arm, wall mounted    | 25                     | 30                      | Rotary operated jet/spray | 1127Aa/02     |
| ERF2530F     | Manual, fixed, wall mounted           | 25                     | 30                      | Rotary operated jet/spray | 1127Aa/03     |

## PART 2: SECTION 3

### FIRE HOSE REELS

| Product Name | Description                                  | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type   | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|---|---------------|
| ERF1920P     | Manual, swinging arm, wall mounted           | 19                     | 30                      | Rotary operated jet/spray                             | 1127Aa/05     |
| ERF1930P     | Manual, fixed, wall mounted                  | 19                     | 30                      | Rotary operated jet/spray                             | 1127Aa/06     |
| ERF1920F     | Manual, swinging arm, pillar or wall mounted | 33                     | 30                      | Rotary operated jet/spray or lever operated jet/spray | 1127Aa/07     |

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Certificate No: 734a to EN 671-1

### Fire Hose Reels

| Product Name | Description   | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|---------------|
| EE-CSJR-08   | Manual, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 734a/01       |
| EE-CSJR-07   | Manual, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 734a/02       |
| EE-CSJR-10   | Automatic, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 734a/03       |
| EE-CSJR-06   | Automatic, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 734a/04       |
| EE-CSJR-01   | Manual, swinging arm, wall mounted, rotary operated nozzle                                  | 33                     | 30                      | Rotary operated jet/spray                            | 734a/05       |
| FS-CSJR-08   | Manual, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 734a/06       |
| FS-CSJR-07   | Manual, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 734a/07       |
| FS-CSJR-10   | Automatic, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 734a/08       |
| FS-CSJR-06   | Automatic, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 734a/09       |
| FS-CSJR-01   | Manual, swinging arm, wall mounted, rotary operated nozzle                                  | 33                     | 30                      | Rotary operated jet/spray                            | 734a/10       |
| RP-CSJR-08   | Manual, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 734a/11       |
| RP-CSJR-07   | Manual, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 734a/12       |
| RP-CSJR-10   | Automatic, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 734a/13       |
| RP-CSJR-06   | Automatic, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 734a/14       |
| RP-CSJR-01   | Manual, swinging arm, wall mounted, rotary operated nozzle                                  | 33                     | 30                      | Rotary operated jet/spray                            | 734a/15       |



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Certificate No: 1153Fa to EN 671-1:2012

**EZULA Fire Hose Reels**

| Product Name | Description                           | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type               | LPCB Ref. No. |
|--------------|---------------------------------------|------------------------|-------------------------|---------------------------|---------------|
| EX06-172-00  | Automatic, swinging arm, wall mounted | 25                     | 30                      | Rotary operated jet/spray | 1153Fa/01     |
| EX06-173-00  | Manual, fixed, wall mounted           | 25                     | 30                      | Rotary operated jet/spray | 1153Fa/02     |
| EX06-173B-00 | Manual, swinging arm, wall mounted    | 25                     | 30                      | Rotary operated jet/spray | 1153Fa/05     |

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Certificate No: 1038BCa to EN 671-1:2012

**'FRONTIER' Fire Hose Reels**

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| FRNHR-01M    | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BCa/02    |
| FRNHR-02A    | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BCa/04    |

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Certificate No: 1038AUa to EN 671-1:2012

**'FST' Fire Hose Reels**

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| FST-08       | Manual, swinging arm, cabinet or wall mounted    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AUa/01    |
| FST-07       | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AUa/02    |
| FST-10       | Automatic, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AUa/03    |
| FST-06       | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AUa/04    |

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

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Certificate No: 1092Md to EN 671-1:2012

#### **'FireKing' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>    | <b>LPCB Ref. No.</b> |
|---------------------|-----------------------------------|-------------------------------|--------------------------------|-----------------------|----------------------|
| FKSA19              | Swinging, automatic, wall mounted | 19                            | 30                             | Rotary operated spray | 1092Md/03            |
| FKSM19              | Swinging, manual, wall mounted    | 19                            | 30                             | Rotary operated spray | 1092Md/04            |
| FKSA25              | Swinging, automatic, wall mounted | 25                            | 30                             | Rotary operated spray | 1092Md/07            |
| FKSM25              | Swinging, manual, wall mounted    | 25                            | 30                             | Rotary operated spray | 1092Md/08            |

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#### **Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                               | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| FGHR-1930M          | Manual, swinging arm, cabinet or wall mounted    | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Ba/01            |
| FGHR-2530M          | Manual, swinging arm, cabinet or wall mounted    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Ba/02            |
| FGHR-1930A          | Automatic, swinging arm, cabinet or wall mounted | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Ba/03            |
| FGHR-2530A          | Automatic, swinging arm, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Ba/04            |
| Pulsor-1930M        | Manual, swinging arm, cabinet or wall mounted    | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Ba/05            |
| Pulsor-2530M        | Manual, swinging arm, cabinet or wall mounted    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Ba/06            |
| Pulsor-1930A        | Automatic, swinging arm, cabinet or wall mounted | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Ba/07            |
| Pulsor-2530A        | Automatic, swinging arm, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Ba/08            |

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Certificate No: 1092Ed to EN 671-1:2012

**Fullblaze Fire Hose Reels**

| Product Name | Description   | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type           | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|-----------------------|---------------|
| FB-SA25      | Swinging, automatic, wall mounted, rotary operated nozzle | 25                     | 30                      | Rotary operated spray | 1092Ed/07     |
| FB-SM25      | Swinging, manual, wall mounted, rotary operated nozzle    | 25                     | 30                      | Rotary operated spray | 1092Ed/08     |

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Certificate No: 1038ARa to EN 671-1:2012

**Fire Hose Reels**

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| GENCO        | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038ARa/04    |
| GENCO        | Manual, swinging pipe, cabinet or wall mounted   | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038ARa/14    |

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Certificate No: 1038BFa to EN 671-1:2012

**Fire Hose Reels**

| Product Name | Description                                       | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|---------------|
| LF-MA19      | Manual, swinging arm, cabinet or wall mounted     | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BFa/01    |
| LF-MA25      | Manual, swinging arm, cabinet or wall mounted     | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BFa/02    |
| LF-AA19      | Automatic, swinging arm, cabinet or wall mounted  | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BFa/03    |
| LF-AA25      | Automatic, swinging arm, cabinet or wall mounted  | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BFa/04    |
| LF-MF19      | Manual, fixed, wall mounted                       | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BFa/06    |
| LF-MF25      | Manual, fixed, wall mounted                       | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BFa/07    |
| LF-MP19      | Manual, swinging pipe, cabinet or wall mounted    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BFa/08    |
| LF-AP19      | Automatic, swinging pipe, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BFa/09    |

## PART 2: SECTION 3

### FIRE HOSE REELS

| Product Name | Description                                       | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|---------------|
| LF-MP25      | Manual, swinging pipe, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BFa/10    |
| LF-AP25      | Automatic, swinging pipe, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BFa/11    |
| LF-AF19      | Automatic, fixed, wall mounted                    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BFa/17    |
| LF-AF25      | Automatic, fixed, wall mounted                    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BFa/19    |

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Certificate No: 501b to BS EN 671-1

#### 'Combat' Fire Hose Reels

| Product Name   | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle Type | LPCB Ref. No. |
|--|------------------------|-------------------------|-------------|---------------|
| 'Combat' model HR-19AS automatic swinging slim hose reel                                   | 19                     | 30                      | Jet         | 501b/03       |
| 'Combat' model HR-1AF automatic fixed slim hose reel                                       | 25                     | 30                      | Jet, spray  | 501b/04       |
| 'Combat' model HR-1AS automatic swinging slim hose reel                                    | 25                     | 30                      | Jet, spray  | 501b/05       |
| 'Combat' model HR-1ASF automatic fixed super slim hose reel                                | 25                     | 30                      | Jet, spray  | 501b/06       |
| 'Combat' model AHR-1SW automatic universal swinging hose reel                              | 25                     | 30                      | Jet, spray  | 501b/02       |
| 'Combat' model HR-1MF manual fixed slim hose reel  | 25                     | 30                      | Jet, spray  | 501b/07       |
| 'Combat' model HR-1MS manual swinging slim hose reel                                       | 25                     | 30                      | Jet, spray  | 501b/08       |
| 'Combat' model HR-1MSF manual fixed super slim hose reel                                   | 25                     | 30                      | Jet, spray  | 501b/09       |
| 'Combat' model HR-1SSW manual swinging slim hose reel                                      | 25                     | 30                      | Jet, spray  | 501b/10       |
| 'Combat' model HR-1SW manual swinging hose reel  | 25                     | 30                      | Jet, spray  | 501b/01       |
| 'Combat' model HR-1SWS manual swinging hose reel   | 25                     | 30                      | Jet, spray  | 501b/11       |
| 'Combat' model HR0287 manual, titanium valve, stainless steel drum and swing arm hose reel | 25                     | 30                      | Jet, spray  | 501b/12       |
| 'Combat' model HR0288 manual, titanium valve, stainless steel drum and swing arm hose reel | 33                     | 30                      | Jet, spray  | 501b/13       |
| 'Combat' model HR0279 manual, bronze valve, stainless steel drum and swing arm hose reel   | 25                     | 30                      | Jet, spray  | 501b/14       |
| 'Combat' model HR0281 manual, bronze valve, stainless steel drum and swing arm hose reel   | 33                     | 30                      | Jet, spray  | 501b/15       |
| 'Combat' model HR0278 manual, bronze valve, mild steel drum and swing arm hose reel        | 25                     | 30                      | Jet, spray  | 501b/16       |
| 'Combat' model HR0280 manual, bronze valve, mild steel drum and swing arm hose reel        | 33                     | 30                      | Jet, spray  | 501b/17       |

Certificate No: 501b to BS EN 671-1

#### 'Q Fire' Fire Hose Reels

| Product Name  | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle Type | LPCB Ref. No. |
|---|------------------------|-------------------------|-------------|---------------|
| 'Q Fire' model QF-19AS automatic swinging slim hose reel      | 19                     | 30                      | Jet         | 501b/03       |
| 'Q Fire' model QF-1AF automatic fixed slim hose reel          | 25                     | 30                      | Jet         | 501b/04       |
| 'Q Fire' model QF-1AS automatic swinging slim hose reel       | 25                     | 30                      | Jet         | 501b/05       |
| 'Q Fire' model QF-1ASF automatic fixed super slim hose reel   | 25                     | 30                      | Jet         | 501b/06       |
| 'Q Fire' model AQF-1SW automatic universal swinging hose reel | 25                     | 30                      | Jet         | 501b/02       |
| 'Q Fire' model QF-1MF manual fixed slim hose reel             | 25                     | 30                      | Jet         | 501b/07       |
| 'Q Fire' model QF-1MS manual swinging slim hose reel          | 25                     | 30                      | Jet         | 501b/08       |

## PART 2: SECTION 3

### FIRE HOSE REELS

| Product Name   | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle Type | LPCB Ref. No. |
|--|------------------------|-------------------------|-------------|---------------|
| 'Q Fire' model QF-1MSF manual fixed super slim hose reel | 25                     | 30                      | Jet         | 501b/09       |
| 'Q Fire' model QF-1SSW manual swinging slim hose reel    | 25                     | 30                      | Jet         | 501b/10       |
| 'Q Fire' model QF-1SW manual swinging hose reel          | 25                     | 30                      | Jet         | 501b/01       |
| 'Q Fire' model QF-1SWS manual swinging hose reel         | 25                     | 30                      | Jet         | 501b/11       |

Certificate No: 501b to BS EN 671-1

#### 'Will' Fire Hose Reels

| Product Name  | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle Type | LPCB Ref. No. |
|---|------------------------|-------------------------|-------------|---------------|
| 'Will' model WEN-19AS automatic swinging slim hose reel     | 19                     | 30                      | Jet         | 501b/03       |
| 'Will' model WEN-1AF automatic fixed slim hose reel         | 25                     | 30                      | Jet         | 501b/04       |
| 'Will' model WEN-1AS automatic swinging slim hose reel      | 25                     | 30                      | Jet         | 501b/05       |
| 'Will' model WEN-1ASF automatic fixed super slim hose reel  | 25                     | 30                      | Jet         | 501b/06       |
| 'Will' model WEN1-04 automatic universal swinging hose reel | 25                     | 30                      | Jet         | 501b/02       |
| 'Will' model WEN-1MF manual fixed slim hose reel            | 25                     | 30                      | Jet         | 501b/07       |
| 'Will' model WEN-1MS manual swinging slim hose reel         | 25                     | 30                      | Jet         | 501b/08       |
| 'Will' model WEN-1MSF manual fixed super slim hose reel     | 25                     | 30                      | Jet         | 501b/09       |
| 'Will' model WEN-1SSW manual swinging slim hose reel        | 25                     | 30                      | Jet         | 501b/10       |
| 'Will' model WEN-1SW manual swinging hose reel              | 25                     | 30                      | Jet         | 501b/01       |
| 'Will' model WEN-1SWS manual swinging hose reel             | 25                     | 30                      | Jet         | 501b/11       |

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Certificate No: 1038AVa to EN 671-1:2012

#### 'FIRELESS' Fire Hose Reels

| Product Name    | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|-----------------|--|------------------------|-------------------------|--|---------------|
| FIRELESS-MS1-25 | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AVa/02    |
| FIRELESS-AS-25  | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AVa/04    |
| FIRELESS-MS2-25 | Manual, swinging pipe, cabinet or wall mounted   | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AVa/14    |

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Certificate No: 1038BEa to EN 671-1:2012

#### 'MASRY GROUP' Fire Hose Reels

| Product Name  | Description                                       | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|---------------|---|------------------------|-------------------------|--|---------------|
| MAS-01<br>MSA | Manual, swinging arm, cabinet or wall mounted     | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BEa/02    |
| MAS-02<br>ASP | Automatic, swinging pipe, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BEa/11    |
| MAS-03<br>MSP | Manual, swinging pipe, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BEa/14    |

## PART 2: SECTION 3

### FIRE HOSE REELS

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Certificate No: 1038BDa to EN 671-1:2012

#### 'MAFCO' Fire Hose Reels

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| MF300/S      | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BDa/02    |
| MF600/S      | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BDa/04    |
| MF9000/S     | Manual, swinging pipe, cabinet or wall mounted   | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BDa/14    |

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Certificate No: 1153Ma to EN 671-1:2012

#### 'MELTON' Fire Hose Reels

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type               | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|---------------------------|---------------|
| MT-03-AA     | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Rotary operated jet/spray | 1153Ma/01     |
| MT-02-MA     | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Rotary operated jet/spray | 1153Ma/05     |

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#### Fire Hose Reels

| Product Name  | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|---------------|--|------------------------|-------------------------|--|---------------|
| MBK14-SJR-08A | Manual, swinging arm, cabinet or wall mounted    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Sa/01     |
| MBK10-SJR-07B | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Sa/02     |
| MBK14-SJR-10B | Automatic, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Sa/03     |
| MBK10-SJR-06B | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Sa/04     |
| MBK10-SJR-01B | Manual, swinging arm, wall mounted               | 33                     | 30                      | Rotary operated jet/spray                            | 1038Sa/05     |
| MBK10-SJR-02A | Manual, fixed, wall mounted                      | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Sa/06     |

**PART 2: SECTION 3**

## FIRE HOSE REELS

| Product Name  | Description                                       | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|---------------|---|------------------------|-------------------------|--|---------------|
| MBK10-SJR-02B | Manual, fixed, wall mounted                       | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Sa/07     |
| MBK14-SJR-12A | Manual, swinging pipe, cabinet or wall mounted    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Sa/08     |
| MBK14-SJR-13A | Automatic, swinging pipe, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Sa/09     |
| MBK14-SJR-14A | Manual, swinging pipe, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Sa/10     |
| MBK14-SJR-15A | Automatic, swinging pipe, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Sa/11     |
| MBK14-SJR-01A | Manual, swinging arm, wall mounted                | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Sa/12     |
| MBK10-SJR-04A | Manual, swinging pipe, cabinet or wall mounted    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Sa/13     |
| MBK10-SJR-04B | Manual, swinging pipe, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Sa/14     |

Certificate No: 1038Ac to EN 671-1:2012

**'Altech' Fire Hose Reels**

| Product Name | Description                            | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type               | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|---------------------------|---------------|
| MBK15-25BD   | Manual, swinging door, cabinet mounted | 19                     | 25                      | Rotary operated jet/spray | 1038Ac/01     |
| NRF-9202501  | Manual, swinging door, cabinet mounted | 19                     | 30                      | Rotary operated jet/spray |               |
| MBK15-30BD   | Manual, swinging door, cabinet mounted | 19                     | 30                      | Rotary operated jet/spray |               |
| NRF-9202502  | Manual, swinging door, cabinet mounted | 19                     | 30                      | Rotary operated jet/spray |               |

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Certificate No: 1038Pa to EN 671-1

**Fire Hose Reels**

| Product Name | Description                                   | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|---------------|
| BF-MS-003    | Manual, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Pa/01     |

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Certificate No: 1038AWa to EN 671-1:2012

**'MORX' Fire Hose Reels**

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| MXR-01-MA    | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AWa/02    |
| MXR-02-AA    | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AWa/04    |
| MXR-03-MP    | Manual, swinging pipe, cabinet or wall mounted   | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AWa/10    |

## PART 2: SECTION 3

### FIRE HOSE REELS

| Product Name | Description                                       | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|---------------|
| MXR-04-AP    | Automatic, swinging pipe, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AWa/11    |
| MXR-06-B     | Manual, swinging pipe, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AWa/14    |
| MXR-05-D     | Automatic, swinging pipe, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AWa/18    |

Certificate No: 1153Na to EN 671-1:2012

#### 'MORX' Fire Hose Reels

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type               | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|---------------------------|---------------|
| MXC-01-AW    | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Rotary operated jet/spray | 1153Na/01     |
| MXC-02-FW    | Manual, fixed, cabinet or wall mounted           | 25                     | 30                      | Rotary operated jet/spray | 1153Na/02     |
| MXC-03-AW    | Automatic, swinging arm, cabinet or wall mounted | 19                     | 30                      | Rotary operated jet/spray | 1153Na/03     |
| MXC-04-FW    | Manual, fixed, cabinet or wall mounted           | 19                     | 30                      | Rotary operated jet/spray | 1153Na/04     |
| MXC-05-AW    | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Rotary operated jet/spray | 1153Na/05     |
| MXC-06-MW    | Manual, swinging arm, cabinet or wall mounted    | 19                     | 30                      | Rotary operated jet/spray | 1153Na/06     |
| MXC-07-MW    | Manual, fixed, cabinet or wall mounted           | 19                     | 30                      | Rotary operated jet/spray | 1153Na/07     |
| MXC-08-MW    | Manual, fixed, cabinet or wall mounted           | 25                     | 30                      | Rotary operated jet/spray | 1153Na/08     |
| MXC-09-MW    | Manual, swinging arm, cabinet or wall mounted    | 19                     | 30                      | Rotary operated jet/spray | 1153Na/09     |
| MXC-10-MW    | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Rotary operated jet/spray | 1153Na/10     |
| MXC-11-AW    | Automatic, swinging arm, cabinet or wall mounted | 19                     | 30                      | Rotary operated jet/spray | 1153Na/11     |
| MXC-12-AW    | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Rotary operated jet/spray | 1153Na/12     |

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Certificate No: 463d to EN 671-1:2012

#### 'NAFFCO' Fire Hose Reels

| Product Name    | Description  | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle Type | LPCB Ref. No. |
|-----------------|--|------------------------|-------------------------|-------------|---------------|
| 19NFH-020A      | swinging arm, automatic, plastic rotary nozzle, mild steel reels       | 19                     | 30                      | jet/spray   | 463d/01       |
| 19NFH-020AB     | swinging arm, automatic, brass rotary nozzle, mild steel reels         | 19                     | 30                      | jet/spray   | 463d/15       |
| 19NFH-020A/SS   | swinging arm, automatic, plastic rotary nozzle, stainless steel reels  | 19                     | 30                      | jet/spray   | 463d/16       |
| 19NFH-020A/SS-B | swinging arm, automatic, brass rotary nozzle, stainless steel reels    | 19                     | 30                      | jet/spray   | 463d/17       |
| 19NFH-030A      | swinging pipe, automatic, plastic rotary nozzle, mild steel reels      | 19                     | 30                      | jet/spray   | 463d/02       |
| 19NFH-030AB     | swinging pipe, automatic, brass rotary nozzle, mild steel reels        | 19                     | 30                      | jet/spray   | 463d/18       |
| 19NFH-030A/SS   | swinging pipe, automatic, plastic rotary nozzle, stainless steel reels | 19                     | 30                      | jet/spray   | 463d/19       |



**PART 2: SECTION 3**

## FIRE HOSE REELS

| Product Name    | Description  | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle Type | LPCB Ref. No. |
|-----------------|--|------------------------|-------------------------|-------------|---------------|
| 19NFH-030A/SS-B | swinging pipe, automatic, brass rotary nozzle, stainless steel reels   | 19                     | 30                      | jet/spray   | 463d/20       |
| 19NFH-040A      | fixed, automatic, plastic rotary nozzle, mild steel reels              | 19                     | 30                      | jet/spray   | 463d/03       |
| 19NFH-040AB     | fixed, automatic, brass rotary nozzle, mild steel reels                | 19                     | 30                      | jet/spray   | 463d/21       |
| 19NFH-040A/SS   | fixed, automatic, plastic rotary nozzle, stainless steel reels         | 19                     | 30                      | jet/spray   | 463d/22       |
| 19NFH-040A/SS-B | fixed, automatic, brass rotary nozzle, stainless steel reels           | 19                     | 30                      | jet/spray   | 463d/23       |
| 19NFH-020M      | swinging arm, manual, plastic rotary nozzle, mild steel reels          | 19                     | 30                      | jet/spray   | 463d/04       |
| 19NFH-020MB     | swinging arm, manual, brass rotary nozzle, mild steel reels            | 19                     | 30                      | jet/spray   | 463d/24       |
| 19NFH-020M/SS   | swinging arm, manual, plastic rotary nozzle, stainless steel reels     | 19                     | 30                      | jet/spray   | 463d/25       |
| 19NFH-020M/SS-B | swinging arm, manual, brass rotary nozzle, stainless steel reels       | 19                     | 30                      | jet/spray   | 463d/26       |
| 19NFH-030M      | swinging pipe, manual, plastic rotary nozzle, mild steel reels         | 19                     | 30                      | jet/spray   | 463d/05       |
| 19NFH-030MB     | swinging pipe, manual, brass rotary nozzle, mild steel reels           | 19                     | 30                      | jet/spray   | 463d/27       |
| 19NFH-030M/SS   | swinging pipe, manual, plastic rotary nozzle, stainless steel reels    | 19                     | 30                      | jet/spray   | 463d/28       |
| 19NFH-030M/SS-B | swinging pipe, manual, brass rotary nozzle, stainless steel reels      | 19                     | 30                      | jet/spray   | 463d/29       |
| 19NFH-040M      | fixed, manual, plastic rotary nozzle, mild steel reels                 | 19                     | 30                      | jet/spray   | 463d/06       |
| 19NFH-040MB     | fixed, manual, brass rotary nozzle, mild steel reels                   | 19                     | 30                      | jet/spray   | 463d/30       |
| 19NFH-040M/SS   | fixed, manual, plastic rotary nozzle, stainless steel reels            | 19                     | 30                      | jet/spray   | 463d/31       |
| 19NFH-040M/SS-B | fixed, manual, brass rotary nozzle, stainless steel reels              | 19                     | 30                      | jet/spray   | 463d/32       |
| 25NFH-020A      | swinging arm, automatic, plastic rotary nozzle, mild steel reels       | 25                     | 30                      | jet/spray   | 463d/07       |
| 25NFH-020AB     | swinging arm, automatic, brass rotary nozzle, mild steel reels         | 25                     | 30                      | jet/spray   | 463d/33       |
| 25NFH-020A/SS   | swinging arm, automatic, plastic rotary nozzle, stainless steel reels  | 25                     | 30                      | jet/spray   | 463d/34       |
| 25NFH-020A/SS-B | swinging arm, automatic, brass rotary nozzle, stainless steel reels    | 25                     | 30                      | jet/spray   | 463d/35       |
| 25NFH-030A      | swinging pipe, automatic, plastic rotary nozzle, mild steel reels      | 25                     | 30                      | jet/spray   | 463d/08       |
| 25NFH-030AB     | swinging pipe, automatic, brass rotary nozzle, mild steel reels        | 25                     | 30                      | jet/spray   | 463d/36       |
| 25NFH-030A/SS   | swinging pipe, automatic, plastic rotary nozzle, stainless steel reels | 25                     | 30                      | jet/spray   | 463d/37       |
| 25NFH-030A/SS-B | swinging pipe, automatic, brass rotary nozzle, stainless steel reels   | 25                     | 30                      | jet/spray   | 463d/38       |
| 25NFH-040A      | fixed, automatic, plastic rotary nozzle, mild steel reels              | 25                     | 30                      | jet/spray   | 463d/09       |
| 25NFH-040AB     | fixed, automatic, brass rotary nozzle, mild steel reels                | 25                     | 30                      | jet/spray   | 463d/39       |
| 25NFH-040A/SS   | fixed, automatic, plastic rotary nozzle, stainless steel reels         | 25                     | 30                      | jet/spray   | 463d/40       |
| 25NFH-040A/SS-B | fixed, automatic, brass rotary nozzle, stainless steel reels           | 25                     | 30                      | jet/spray   | 463d/41       |
| 25NFH-020M      | swinging arm, manual, plastic rotary nozzle, mild steel reels          | 25                     | 30                      | jet/spray   | 463d/10       |
| 25NFH-020MB     | swinging arm, manual, brass rotary nozzle, mild steel reels            | 25                     | 30                      | jet/spray   | 463d/42       |
| 25NFH-020M/SS   | swinging arm, manual, plastic rotary nozzle, stainless steel reels     | 25                     | 30                      | jet/spray   | 463d/43       |
| 25NFH-020M/SS-B | swinging arm, manual, brass rotary nozzle, stainless steel reels       | 25                     | 30                      | jet/spray   | 463d/44       |
| 25NFH-030M      | swinging pipe, manual, plastic rotary nozzle, mild steel reels         | 25                     | 30                      | jet/spray   | 463d/11       |
| 25NFH-030MB     | swinging pipe, manual, brass rotary nozzle, mild steel reels           | 25                     | 30                      | jet/spray   | 463d/45       |

## PART 2: SECTION 3

### FIRE HOSE REELS

| Product Name    | Description   | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle Type | LPCB Ref. No. |
|-----------------|---|------------------------|-------------------------|-------------|---------------|
| 25NFH-030M/SS   | swinging pipe, manual, plastic rotary nozzle, stainless steel reels | 25                     | 30                      | jet/spray   | 463d/46       |
| 25NFH-030M/SS-B | swinging pipe, manual, brass rotary nozzle, stainless steel reels   | 25                     | 30                      | jet/spray   | 463d/47       |
| 25NFH-040M      | fixed, manual, plastic rotary nozzle, mild steel reels              | 25                     | 30                      | jet/spray   | 463d/12       |
| 25NFH-040MB     | fixed, manual, brass rotary nozzle, mild steel reels                | 25                     | 30                      | jet/spray   | 463d/48       |
| 25NFH-040M/SS   | fixed, manual, plastic rotary nozzle, stainless steel reels         | 25                     | 30                      | jet/spray   | 463d/49       |
| 25NFH-040M/SS-B | fixed, manual, brass rotary nozzle, stainless steel reels           | 25                     | 30                      | jet/spray   | 463d/50       |

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Certificate No: 1038AMa to EN 671-1:2012

#### 'NAF' Fire Hose Reels

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| N-MS1-25A    | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AMa/02    |
| N-AS1-25A    | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AMa/04    |

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Certificate No: 1038Qa to EN 671-1:2012

#### 'AMANCO' Fire Hose Reels

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| AFHR-08-A    | Manual, swinging arm, cabinet or wall mounted    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Qa/01     |
| AFHR-07-B    | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Qa/02     |
| AFHR-21      | Automatic, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Qa/03     |
| AFHR-19      | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Qa/04     |

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Certificate No: 1153a to EN 671-1:2012

**'JINTIAN FIRE' Fire Hose Reels**

| Product Name | Description                                      | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle type               | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|---------------------------|---------------|
| KX06-172-00  | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Rotary operated jet/spray | 1153a/01      |
| KX06-173-00  | Manual, fixed, cabinet or wall mounted           | 25                     | 30                      | Rotary operated jet/spray | 1153a/02      |
| KX06-172A-00 | Automatic, swinging arm, cabinet or wall mounted | 19                     | 30                      | Rotary operated jet/spray | 1153a/03      |
| KX06-173A-00 | Manual, fixed, cabinet or wall mounted           | 19                     | 30                      | Rotary operated jet/spray | 1153a/04      |
| KX06-173B-00 | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Rotary operated jet/spray | 1153a/05      |
| KX06-173C-00 | Manual, swinging arm, cabinet or wall mounted    | 19                     | 30                      | Rotary operated jet/spray | 1153a/06      |
| KX06-216A-00 | Manual, fixed, cabinet or wall mounted           | 19                     | 30                      | Rotary operated jet/spray | 1153a/07      |
| KX06-216-00  | Manual, fixed, cabinet or wall mounted           | 25                     | 30                      | Rotary operated jet/spray | 1153a/08      |
| KX06-217A-00 | Manual, swinging arm, cabinet or wall mounted    | 19                     | 30                      | Rotary operated jet/spray | 1153a/09      |
| KX06-217-00  | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Rotary operated jet/spray | 1153a/10      |
| KX06-218A-00 | Automatic, swinging arm, cabinet or wall mounted | 19                     | 30                      | Rotary operated jet/spray | 1153a/11      |
| KX06-218-00  | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Rotary operated jet/spray | 1153a/12      |

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Certificate No: 1038Ya to EN 671-1:2012

**NP Fire Hose Reels**

| Product Name | Description                                    | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| NP002C       | Manual, swinging arm, cabinet or wall mounted  | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Ya/02     |
| NP001        | Manual, swinging arm, wall mounted             | 33                     | 30                      | Rotary operated jet/spray                            | 1038Ya/05     |
| NP002        | Manual, swinging pipe, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Ya/10     |
| NP002A       | Manual, swinging arm, wall mounted             | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Ya/12     |
| NP002B       | Manual, swinging pipe, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Ya/14     |

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

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Certificate No: 1127a to EN 671-1

#### **'Krone' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>  | <b>Hose nominal bore (mm)</b> | <b>Hose maximum length (m)</b> | <b>Nozzle type</b>                                    | <b>LPCB Ref. No.</b> |
|---------------------|---|-------------------------------|--------------------------------|---|----------------------|
| SA10-314D-03S       | Automatic, swinging arm, wall mounted, rotary operated nozzle | 25                            | 30                             | Rotary operated jet/spray                             | 1127a/01             |
| SA10-314D-02S       | Manual, swinging arm, wall mounted, rotary operated nozzle    | 25                            | 30                             | Rotary operated jet/spray                             | 1127a/02             |
| SA10-314D-14F       | Manual, fixed, wall mounted, rotary operated nozzle           | 25                            | 30                             | Rotary operated jet/spray                             | 1127a/03             |
| SA10-304D-03S       | Automatic, swinging arm, wall mounted, rotary operated nozzle | 19                            | 30                             | Rotary operated jet/spray                             | 1127a/04             |
| SA10-304D-02S       | Manual, swinging arm, wall mounted, rotary operated nozzle    | 19                            | 30                             | Rotary operated jet/spray                             | 1127a/05             |
| SA10-304D-14F       | Manual, fixed, wall mounted, rotary operated nozzle           | 19                            | 30                             | Rotary operated jet/spray                             | 1127a/06             |
| PSHR3330SF          | Manual, swinging arm, pillar or wall mounted                  | 33                            | 30                             | Rotary operated jet/spray or lever operated jet/spray | 1127a/07             |

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Certificate No: 566g to EN 671-1:2012

#### **'Rapidrop' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                               | <b>Hose nominal bore (mm)</b> | <b>Hose maximum length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| Fig401              | Manual, swinging arm, cabinet or wall mounted    | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 566g/01              |
| Fig402              | Manual, swinging arm, cabinet or wall mounted    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 566g/02              |
| Fig403              | Automatic, swinging arm, cabinet or wall mounted | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 566g/03              |
| Fig404              | Automatic, swinging arm, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 566g/04              |
| Fig405              | Manual, swinging arm, wall mounted               | 33                            | 30                             | Rotary operated jet/spray                            | 566g/05              |

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Certificate No: 1038Va to EN 671-1:2012

**S&L Fire Hose Reels**

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| SNL30M-A     | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Va/02     |
| SNL-10-B     | Automatic, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Va/03     |
| SNL-06-B     | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Va/04     |
| SNL-01-B     | Manual, swinging arm, wall mounted               | 33                     | 30                      | Rotary operated jet/spray                            | 1038Va/05     |
| SNL-04-B     | Manual, swinging pipe, cabinet or wall mounted   | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Va/14     |
| SNL-1930F    | Manual, swinging door, cabinet mounted           | 19                     | 30                      | Rotary operated jet/spray                            | 1038Va/20     |

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Certificate No: 1092Ld to EN 671-1:2012

**'WETPLUG' Fire Hose Reels**

| Product Name | Description                       | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type           | LPCB Ref. No. |
|--------------|-----------------------------------|------------------------|-------------------------|-----------------------|---------------|
| W-FHR-A19    | Fixed, automatic, wall mounted    | 19                     | 30                      | Rotary operated spray | 1092Ld/01     |
| W-FHR-M19    | Fixed, manual, wall mounted       | 19                     | 30                      | Rotary operated spray | 1092Ld/02     |
| W-SHR-A19    | Swinging, automatic, wall mounted | 19                     | 30                      | Rotary operated spray | 1092Ld/03     |
| W-SHR-M19    | Swinging, manual, wall mounted    | 19                     | 30                      | Rotary operated spray | 1092Ld/04     |
| W-FHR-A25    | Fixed, automatic, wall mounted    | 25                     | 30                      | Rotary operated spray | 1092Ld/05     |
| W-FHR-M25    | Fixed, manual, wall mounted       | 25                     | 30                      | Rotary operated spray | 1092Ld/06     |
| W-SHR-A25    | Swinging, automatic, wall mounted | 25                     | 30                      | Rotary operated spray | 1092Ld/07     |
| W-SHR-M25    | Swinging, manual, wall mounted    | 25                     | 30                      | Rotary operated spray | 1092Ld/08     |

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Certificate No: 1093e to EN 671-1:2012

**'FIRECHIEF REELMAX' Fire Hose Reels**

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| RMSM19-B     | Manual, swinging arm, cabinet or wall mounted    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1093e/01      |
| RMSM25-B     | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1093e/02      |
| RMSA19-B     | Automatic, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1093e/03      |
| RMSA25-B     | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1093e/04      |

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

| <b>Product Name</b> | <b>Description</b>             | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|--------------------------------|-------------------------------|--------------------------------|--|----------------------|
| RMFM19-B            | Manual, fixed, wall mounted    | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1093e/05             |
| RMFM25-B            | Manual, fixed, wall mounted    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1093e/06             |
| RMFA19-B            | Automatic, fixed, wall mounted | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1093e/07             |
| RMFA25-B            | Automatic, fixed, wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1093e/08             |

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Certificate No: 1038Fa to EN 671-1:2012

#### **'PIKE' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>   | <b>Hose nominal bore (mm)</b> | <b>Hose maximum length (mm)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|--|-------------------------------|---------------------------------|--|----------------------|
| PKHR-001            | Manual, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants.    | 19                            | 30                              | Lever operated jet only or rotary operated jet/spray | 1038Fa/01            |
| PKHR-002            | Manual, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants.    | 25                            | 30                              | Lever operated jet only or rotary operated jet/spray | 1038Fa/02            |
| PKHR-003            | Automatic, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants. | 19                            | 30                              | Lever operated jet only or rotary operated jet/spray | 1038Fa/03            |
| PKHR-004            | Automatic, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants  | 25                            | 30                              | Lever operated jet only or rotary operated jet/spray | 1038Fa/04            |

Certificate No: 1038Na to EN 671-1:2012

#### **'MOSAFE' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>   | <b>Hose nominal bore (mm)</b> | <b>Hose maximum length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| MOSHR-07            | Manual, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants.    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Na/02            |
| MOSHR-06            | Automatic, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants. | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Na/04            |

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Certificate No: 1038AFa to EN 671-1:2012

**PART 2: SECTION 3**

## FIRE HOSE REELS

**'IMSECUR' Fire Hose Reels**

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| IMHR-08-A    | Manual, swinging arm, cabinet or wall mounted    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AFa/01    |
| IMHR-07-B    | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AFa/02    |
| IMHR-10-B    | Automatic, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AFa/03    |
| IMHR-06-B    | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AFa/04    |
| IMHR-01-B    | Manual, swinging arm, wall mounted               | 33                     | 30                      | Rotary operated jet/spray                            | 1038AFa/05    |
| IMHR-02-A    | Manual, fixed, wall mounted                      | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AFa/06    |
| IMHR-02-B    | Manual, fixed, wall mounted                      | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AFa/07    |
| IMHR-01-A    | Manual, swinging arm, wall mounted               | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AFa/12    |
| IMHR-04-A    | Manual, swinging pipe, cabinet or wall mounted   | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AFa/13    |
| IMHR-04-B    | Manual, swinging pipe, cabinet or wall mounted   | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AFa/14    |

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Certificate No: 1153Sa to EN 671-1:2012

**'SHETER' Fire Hose Reels**

| Product Name | Description                                   | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type               | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|---------------------------|---------------|
| SH-402       | Manual, swinging arm, cabinet or wall mounted | 25                     | 30                      | Rotary operated jet/spray | 1153Sa/05     |

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Certificate No: 1038BGa to EN 671-1:2012

**Fire Hose Reels**

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| GC-0181A     | Manual, swinging arm, cabinet or wall mounted    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BGa/01    |
| GC-0181B     | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BGa/02    |
| GC-0182A     | Automatic, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038BGa/03    |

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

| <b>Product Name</b> | <b>Description</b>                                | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|---|-------------------------------|--------------------------------|--|----------------------|
| GC-0182B            | Automatic, swinging arm, cabinet or wall mounted  | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BGa/04           |
| GC-0183A            | Manual, swinging arm, wall mounted                | 33                            | 30                             | Rotary operated jet/spray                            | 1038BGa/05           |
| GC-0184A            | Manual, fixed, wall mounted                       | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BGa/06           |
| GC-0184B            | Manual, fixed, wall mounted                       | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BGa/07           |
| GC-0185A            | Manual, swinging pipe, cabinet or wall mounted    | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BGa/08           |
| GC-0186A            | Automatic, swinging pipe, cabinet or wall mounted | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BGa/09           |
| GC-0185B            | Manual, swinging pipe, cabinet or wall mounted    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BGa/10           |
| GC-0186B            | Automatic, swinging pipe, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BGa/11           |
| GC-0183B            | Manual, swinging arm, wall mounted                | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BGa/12           |
| GC-0185C            | Manual, swinging pipe, cabinet or wall mounted    | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BGa/13           |
| GC-0185D            | Manual, swinging pipe, cabinet or wall mounted    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BGa/14           |
| GC-0187A            | Automatic, fixed, wall mounted                    | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BGa/17           |
| GC-0186C            | Automatic, swinging pipe, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BGa/18           |
| GC-0187B            | Automatic, fixed, wall mounted                    | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038BGa/19           |

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Certificate No: 1153Va to EN 671-1:2012

### **'SKY' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                               | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>        | <b>LPCB Ref. No.</b> |
|---------------------|--|-------------------------------|--------------------------------|---------------------------|----------------------|
| SKYEG-AA-25         | Automatic, swinging arm, cabinet or wall mounted | 25                            | 30                             | Rotary operated jet/spray | 1153Va/01            |
| SKYEG-MA-25         | Manual, swinging arm, cabinet or wall mounted    | 25                            | 30                             | Rotary operated jet/spray | 1153Va/05            |



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Certificate No: 1038Za to EN 671-1:2012

**SANILITE Fire Hose Reels**

| Product Name | Description                                   | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|---------------|
| SANILITE 20S | Manual, swinging arm, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Za/01     |
| SANILITE 30S | Manual, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Za/02     |
| SANILITE 20F | Manual, fixed, wall mounted                   | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Za/06     |
| SANILITE 30F | Manual, fixed, wall mounted                   | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038Za/07     |

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Certificate No: 1038a to EN 671-1:2012

**'CSJ' Fire hose reels**

| Product Name | Description                                       | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|---------------|
| CSJR-08-A    | Manual, swinging arm, cabinet or wall mounted     | 19                     | 30                      | Lever operated jet only or rotary operated jet / spray | 1038a/01      |
| CSJR-07-B    | Manual, swinging arm, cabinet or wall mounted     | 25                     | 30                      | Lever operated jet only or rotary operated jet / spray | 1038a/02      |
| CSJR-10-B    | Automatic, swinging arm, cabinet or wall mounted  | 19                     | 30                      | Lever operated jet only or rotary operated jet / spray | 1038a/03      |
| CSJR-06-B    | Automatic, swinging arm, cabinet or wall mounted  | 25                     | 30                      | Lever operated jet only or rotary operated jet / spray | 1038a/04      |
| CSJR-01-B    | Manual, swinging arm, wall mounted                | 33                     | 30                      | Rotary operated jet/spray                              | 1038a/05      |
| CSJR-02-A    | Manual, fixed, wall mounted                       | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray   | 1038a/06      |
| CSJR-02-B    | Manual, fixed, wall mounted                       | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray   | 1038a/07      |
| CSJR-12-A    | Manual, swinging pipe, cabinet or wall mounted    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray   | 1038a/08      |
| CSJR-13-A    | Automatic, swinging pipe, cabinet or wall mounted | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray   | 1038a/09      |
| CSJR-14-A    | Manual, swinging pipe, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray   | 1038a/10      |
| CSJR-15-A    | Automatic, swinging pipe, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray   | 1038a/11      |
| CSJR-01-A    | Manual, swinging arm, wall mounted                | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray   | 1038a/12      |
| CSJR-04-A    | Manual, swinging pipe, cabinet or wall mounted    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray   | 1038a/13      |
| CSJR-04-B    | Manual, swinging pipe, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray   | 1038a/14      |
| CSJR-02-C    | Automatic, fixed, wall mounted                    | 19                     | 30                      | Lever operated jet only or rotary operated jet/spray   | 1038a/17      |
| CSJR-04-D    | Automatic, swinging pipe, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray   | 1038a/18      |

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

| <b>Product Name</b> | <b>Description</b>             | <b>Hose nominal bore (mm)</b> | <b>Hose maximum length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|--------------------------------|-------------------------------|--------------------------------|--|----------------------|
| CSJR-02-D           | Automatic, fixed, wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038a/19             |

Certificate No: 1038c to EN 671-1:2012

#### **Fire Hose Reel**

| <b>Product Name</b> | <b>Description</b>                     | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>        | <b>LPCB Ref. No.</b> |
|---------------------|--|-------------------------------|--------------------------------|---------------------------|----------------------|
| MBK-1925F           | Manual, swinging door, cabinet mounted | 19                            | 25                             | Rotary operated jet/spray | 1038c/01             |
| MBK-1930F           | Manual, swinging door, cabinet mounted | 19                            | 30                             | Rotary operated jet/spray |                      |

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Certificate No: 1038Ala to EN 671-1:2012

#### **'VM' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                             | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| VM002C              | Manual, swinging arm, cabinet or wall mounted  | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Ala/02           |
| VM001               | Manual, swinging arm, wall mounted             | 33                            | 30                             | Rotary operated jet/spray                            | 1038Ala/05           |
| VM002               | Manual, swinging pipe, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Ala/10           |
| VM002A              | Manual, swinging arm, wall mounted             | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Ala/12           |
| VM002B              | Manual, swinging pipe, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038Ala/14           |

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Certificate No: 1038AEa to EN 671-1:2012

#### **Advanced Systems Fire Hose Reel**

| <b>Product Name</b> | <b>Description</b>                            | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|---|-------------------------------|--------------------------------|--|----------------------|
| ADSYS-5000          | Manual, swinging arm, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1038AEa/02           |

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Certificate No: 1038ACa to EN 671-1:2012

**'WATANIA' Fire Hose Reels**

| Product Name | Description                                   | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|---------------|
| WMIFHR       | Manual, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038ACa/02    |

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Certificate No: 1038AXa to EN 671-1:2012

**'Watania' Fire Hose Reels**

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| WSSFHR       | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AXa/02    |
| WSSFHR-A     | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038AXa/04    |

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Certificate No: 1038ABa to EN 671-1:2012

**WATEX Fire Hose Reels**

| Product Name | Description                                      | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type  | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| WMH-25MM     | Manual, swinging arm, cabinet or wall mounted    | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038ABa/02    |
| WAH-25MM     | Automatic, swinging arm, cabinet or wall mounted | 25                     | 30                      | Lever operated jet only or rotary operated jet/spray | 1038ABa/04    |

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Certificate No: 1092d to EN 671-1:2012

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

#### **'TIANBO' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>  | <b>Hose nominal bore (mm)</b> | <b>Hose maximum length (m)</b> | <b>Nozzle type</b>    | <b>LPCB Ref. No.</b> |
|---------------------|---|-------------------------------|--------------------------------|-----------------------|----------------------|
| FA19                | Fixed, automatic, wall mounted, rotary operated nozzle    | 19                            | 30                             | Rotary operated spray | 1092d/01             |
| FM19                | Fixed, manual, wall mounted, rotary operated nozzle       | 19                            | 30                             | Rotary operated spray | 1092d/02             |
| SA19                | Swinging, automatic, wall mounted, rotary operated nozzle | 19                            | 30                             | Rotary operated spray | 1092d/03             |
| SM19                | Swinging, manual, wall mounted, rotary operated nozzle    | 19                            | 30                             | Rotary operated spray | 1092d/04             |
| FA25                | Fixed, automatic, wall mounted, rotary operated nozzle    | 25                            | 30                             | Rotary operated spray | 1092d/05             |
| FM25                | Fixed, manual, wall mounted, rotary operated nozzle       | 25                            | 30                             | Rotary operated spray | 1092d/06             |
| SA25                | Swinging, automatic, wall mounted, rotary operated nozzle | 25                            | 30                             | Rotary operated spray | 1092d/07             |
| SM25                | Swinging, manual, wall mounted, rotary operated nozzle    | 25                            | 30                             | Rotary operated spray | 1092d/08             |

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Certificate No: 1364b to EN 671-1:2012

#### **'TenNeed' Fire Hose Reels**

| <b>Product Name</b> | <b>Description</b>                             | <b>Hose Nominal Bore (mm)</b> | <b>Hose Maximum Length (m)</b> | <b>Nozzle type</b>                                   | <b>LPCB Ref. No.</b> |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| TN04-D-03B          | Manual, swinging arm, cabinet or wall mounted  | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1364b/01             |
| TN04-D-03A          | Manual, swinging arm, cabinet or wall mounted  | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1364b/02             |
| TN04-D-08B          | Manual, swinging pipe, cabinet or wall mounted | 19                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1364b/03             |
| TN04-D-08A          | Manual, swinging pipe, cabinet or wall mounted | 25                            | 30                             | Lever operated jet only or rotary operated jet/spray | 1364b/04             |

Fire blankets can be used to suppress or extinguish small fires in kitchens, laboratories and workshops and are a useful means of protection. They should be located in the vicinity of the fire hazard on which they are intended to be used and in a position where they can be safely accessed. Fire blankets are suitable for kitchens and laboratory areas where fires tend to be smaller and contained, e.g. cooking oils. Fire blankets that are large enough are considered suitable to be used for smothering persons whose clothes are on fire.

EN 1869 specifies requirements for fire blankets that are not reusable and that are intended for use by one person. The standard applies to fire blankets primarily intended for extinguishing cooking oil type fires. The standard specifies several tests that a fire blanket must successfully undergo, which include: fire tests, a removal and unfolding test and an electrical resistance test.

The materials used in the manufacture of a fire blanket must be heat resisting and non-flammable yet flexible enough to maintain a seal with the vessel on fire so that the oxygen supply is removed. The heat resistance of the fire blanket must also be maintained whilst the heat source is turned off and the heat is allowed to lower with the vessel remaining in-situ until the vessel is safe to be removed.

It is recommended that the blanket has been regularly inspected as part of any risk assessment or safety inspections. A fire blanket notice should be placed near the blanket giving basic guidance on how to use the blanket in an emergency.

Always follow manufacturer's use, installation and servicing instructions and replace after use.

**This section lists products approved in accordance with:**

EN 1869 *Fire blankets*

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### **Aikah Pump Assembly LLC**

Ras Al Khor Industrial Area 2, P.O.Box 5804, Dubai, , United Arab Emirates  
Tel: +971-43478005 • Fax: +971-43478006  
E-mail: aikah@emirates.net.ae • Website: www.aikah.com

Certificate No: 1434Fa to EN 1869:2019

#### **'AMNA' Fire Blankets**

| Product Name   | Model    | Container                    | LPCB Ref. No. |
|----------------|----------|------------------------------|---------------|
| AM 1.2m x 1.2m | AM-1212F | Red rectangular woven fabric | 1434Fa/01     |
|                | AM-1212R | Red rectangular hard PVC     |               |
| AM 1.2m x 1.8m | AM-1218F | Red rectangular woven fabric | 1434Fa/02     |
|                | AM-1218R | Red rectangular hard PVC     |               |
| AM 1.5m x 1.8m | AM-1518F | Red rectangular woven fabric | 1434Fa/03     |

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### **Al Tahadi Security And Safety Equipment Trading**

PO Box 45668, Ind. Area 11, Sharjah, United Arab Emirates  
Tel: +971 5 0868 4543 • Fax: +971 6535 9220  
E-mail: Sharqawi61@yahoo.com • Website: www.tahadi-fire.com

Certificate No: 1434Da to EN 1869:2019

#### **Fire Blankets**

| Product Name      | Model    | Container                    | LPCB Ref. No. |
|-------------------|----------|------------------------------|---------------|
| OM-08 1.2m X 1.2m | OM-08.B1 | Red rectangular hard PVC     | 1434Da/01     |
|                   | OM-08.B2 | Red rectangular woven fabric |               |
| OM-08 1.5m x 1.8m | OM-08.B3 | Red rectangular woven fabric | 1434Da/03     |

## **PART 2: SECTION 4**

### **FIRE BLANKETS**

#### **Bristol Fire Engineering LLC**

Al Quoz Industrial Area 3, P.O.Box 74582, Dubai, United Arab Emirates

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Certificate No: 1434Ca to EN 1869:2019

#### **'BRISTOL' FGC Fire Blankets**

| Product Name    | Model | Container                    | LPCB Ref. No. |
|-----------------|-------|------------------------------|---------------|
| FGC 1.2m x 1.2m | FGC12 | Red rectangular hard PVC     | 1434Ca/01     |
| FGC 1.2m x 1.8m | FGC18 | Red rectangular hard PVC     | 1434Ca/02     |
| FGC 1.5m x 1.8m | FGC28 | Red rectangular woven fabric | 1434Ca/03     |

#### **Changshu Jiangnan Glass Fiber Co., Ltd.**

No. 19 Xiangyang Road, Haiyu Town, Changshu, Jiangsu 215519, China

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Certificate No: 1434a to EN 1869:2019

#### **'JIANGNAN' CS08 Fire Blankets**

| Product Name     | Model      | Container                    | LPCB Ref. No. |
|------------------|------------|------------------------------|---------------|
| CS08 1.2m x 1.2m | CS08-1212F | Red rectangular woven fabric | 1434a/01      |
| CS08 1.2m x 1.8m | CS08-1212R | Red rectangular hard PVC     | 1434a/02      |
|                  | CS08-1218F | Red rectangular woven fabric |               |
| CS08 1.5m x 1.8m | CS08-1218R | Red rectangular hard PVC     | 1434a/03      |
|                  | CS08-1518F | Red rectangular woven fabric |               |

#### **Emirates Fire Fighting Equipment Factory L.L.C. (FIREX)**

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Certificate No: 1434Ha to EN 1869:2019

#### **'FIREX' Fire Blankets**

| Product Name   | Model | Container                | LPCB Ref. No. |
|----------------|-------|--------------------------|---------------|
| FB 1.2m x 1.2m | FB4   | Red rectangular hard PVC | 1434Ha/01     |
| FB 1.2m x 1.8m | FB6   | Red rectangular hard PVC | 1434Ha/02     |

#### **Eversafe Extinguisher Sdn Bhd**

Lot 878, Jalan Subang 9, Taman Perindustrian Subang, 47500 Subang Jaya, Selangor Darul Ehsan, Malaysia

Tel: +603 8024 9898 • Fax: +603 8024 7878

E-mail: [info@eversafe.net](mailto:info@eversafe.net) • Website: [www.eversafe.net](http://www.eversafe.net)

Certificate No: 1434Ba to EN 1869:2019

**PART 2: SECTION 4**

## FIRE BLANKETS

**Fire Blankets**

| Product Name    | Model   | Container                    | LPCB Ref. No. |
|-----------------|---------|------------------------------|---------------|
| FB8 1.2m x 1.2m | FB8-22R | Red rectangular hard PVC     | 1434Ba/01     |
| FB8 1.2m x 1.8m | FB8-28R | Red rectangular hard PVC     | 1434Ba/02     |
| FB8 1.5m x 1.8m | FB8-58F | Red rectangular woven fabric | 1434Ba/03     |

**Jactone Products Limited**

Springvale Business Park, Springvale Avenue, Bilston, West Midlands WV14 0QL, United Kingdom

Tel: +44 (0)1902 357777 • Fax: +44 (0)1902 357711

E-mail: sales@jactone.com • Website: www.jactone.com

Certificate No: 783e to EN 1869:2019

**Jactone JT510 Fire Blankets**

| Product Name              | Model     | Container            | LPCB Ref. No. |
|---------------------------|-----------|----------------------|---------------|
| FBJT1111 (1.1m x 1.1m)    | JPR1111   | Red small Jacpack    | 783e/01       |
|                           | JPW1111   | White small Jacpack  |               |
|                           | JS1111    | White square pack    |               |
|                           | JF1111    | Red small flat pack  |               |
| FBJT1212 (1.2m x 1.2m)    | JPR1212   | Red medium Jacpack   | 783e/02       |
|                           | JPW1212   | White medium Jacpack |               |
|                           | JF1212    | Red small flat pack  |               |
| FBJT1811 (1.8m x 1.1m)    | JPR1811   | Red large Jacpack    | 783e/03       |
|                           | JPW1811   | White large Jacpack  |               |
|                           | JF1811    | Red medium flat pack |               |
| FBJT1812 (1.8m x 1.2m)    | JPR1812   | Red large Jacpack    | 783e/04       |
|                           | JPW1812   | White large Jacpack  |               |
|                           | JF1812    | Red medium flat pack |               |
| FBJT180175 (1.8m x 1.75m) | JPR180175 | Red large Jacpack    | 783e/05       |
|                           | JPW180175 | White large Jacpack  |               |
|                           | JF180175  | Red large flat pack  |               |

**NAFFCO FZ Co**

PO Box 17014, Jebel Ali, Dubai, United Arab Emirates

Tel: +971 4815111 • Fax: +971 48151222

E-mail: natfire@emirates.net.ae • Website: www.naffco.com

Certificate No: 463c to EN 1869:2019

**'NAFFCO' Fire Blankets**

| Product Name | Model   | Container                | LPCB Ref. No. |
|--------------|---------|--------------------------|---------------|
| 1.1m x 1.1m  | NFB 1.2 | Red rectangular hard PVC | 463c/01       |
| 1.2m x 1.2m  | NFB 1.4 | Red rectangular hard PVC | 463c/02       |
| 1.2m x 1.8m  | NFB 2.1 | Red rectangular hard PVC | 463c/03       |

**SensorTech Firefighting and Safety Equipment Trading**

P.O.Box 231728, Office No. 506, Al Saud Building, Al Qusais – 4, Dubai, United Arab Emirates

Tel: +971 422 323 31 • Fax: +971 422 323 40

E-mail: info@sensortechuae.com • Website: www.sensortechuae.com

Certificate No: 1434Ea to EN 1869:2019

## **PART 2: SECTION 4**

### **FIRE BLANKETS**

#### **'WETPLUG' WFB Fire Blankets**

| <b>Product Name</b> | <b>Model</b> | <b>Container</b>             | <b>LPCB Ref. No.</b> |
|---------------------|--------------|------------------------------|----------------------|
| WFB 1.2m x 1.2m     | WFB4X4       | Red rectangular hard PVC     | 1434Ea/01            |
| WFB 1.2m x 1.8m     | WFB4X6       | Red rectangular hard PVC     | 1434Ea/02            |
| WFB 1.5m x 1.8m     | WFB5X6       | Red rectangular woven fabric | 1434Ea/03            |

#### **SFFECO GLOBAL FZE**

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Certificate No: 1434Ga to EN 1869:2019

#### **'SFFECO' SFD-FB Fire Blankets**

| <b>Product Name</b> | <b>Model</b> | <b>Container</b>             | <b>LPCB Ref. No.</b> |
|---------------------|--------------|------------------------------|----------------------|
| SFD-FB 1.2m x 1.2m  | SFD-FB-1212F | Red rectangular woven fabric | 1434Ga/01            |
|                     | SFD-FB-1212P | Red rectangular hard PVC     |                      |
| SFD-FB 1.2m x 1.8m  | SFD-FB-1218F | Red rectangular woven fabric | 1434Ga/02            |
|                     | SFD-FB-1218P | Red rectangular hard PVC     |                      |
| SFD-FB 1.5m x 1.8m  | SFD-FB-1518F | Red rectangular woven fabric | 1434Ga/03            |

#### **Shanghai Huiying Industry Co Ltd**

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E-mail: [sales@pike-fire.com](mailto:sales@pike-fire.com) • Website: [www.pike-fire.com](http://www.pike-fire.com)

Certificate No: 1434Aa to EN 1869:2019

#### **'PIKE' PK8 Fire Blankets**

| <b>Product Name</b> | <b>Model</b> | <b>Container</b>             | <b>LPCB Ref. No.</b> |
|---------------------|--------------|------------------------------|----------------------|
| PK8 1.2m x 1.2m     | PK8-S1212    | Red rectangular woven fabric | 1434Aa/01            |
| PK8 1.2m x 1.8m     | PK8-H1212    | Red rectangular hard PVC     | 1434Aa/02            |
|                     | PK8-S1218    | Red rectangular woven fabric |                      |
| PK8 1.5m x 1.8m     | PK8-H1218    | Red rectangular hard PVC     | 1434Aa/03            |
|                     | PK8-S1518    | Red rectangular woven fabric |                      |

#### **SIBCA Electronic Equipment Co. Limited**

SIBCA Building – Behind Etisalat Main Building, Khalidiya, P.O. Box 46944, Abu Dhabi, United Arab Emirates

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Certificate No: 1434Ia to EN 1869:2019

#### **Fire blankets**

| <b>Product Name</b>  | <b>Type (Size)</b> | <b>Model</b>                 | <b>Container</b>             | <b>LPCB Ref. No.</b> |
|----------------------|--------------------|------------------------------|------------------------------|----------------------|
| 'GUARD' Fire Blanket | GN08 1.2m x 1.2m   | GN-0601                      | Red rectangular woven fabric | 1434Ia/01            |
|                      |                    | GN-0602                      | Red rectangular hard PVC     |                      |
|                      | GN08 1.2m x 1.8m   | GN-0603                      | Red rectangular woven fabric | 1434Ia/02            |
|                      |                    | GN-0604                      | Red rectangular hard PVC     |                      |
| GN08 1.5m x 1.8m     | GN-0605            | Red rectangular woven fabric | 1434Ia/03                    |                      |



A Wet Riser is a system of pipe-work and valves which is kept permanently 'charged' by a dedicated pump supplying clean water on demand on each floor of a building and is typically used on larger, high rise buildings.

Wet landing valves are located at discharge points, typically on the upper floors of a taller building. Layflat hoses are coupled into the valve to supply water to the location of the fire. The valve is normally located within an easily accessible, protective and approved box or 'cabinet' to prevent damage, dust and rubbish collection.

The system components must be regularly maintained to prevent leaks, corrosion, and loss of adequate pressure. Landing valves that are used as part of a wet riser system are tested to BS 5041-1.

**This section lists products approved in accordance with:**

BS 5041-1 - *Fire hydrant systems equipment. Specification for landing valves for wet risers*

### **Brake Fire Safety and Security**

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Certificate No: 1153Re to BS 5041-1:1987

#### **'BRAKE FIRE' Landing Valves for Wet Risers**

| Product Name  | Description   | LPCB Ref. No. |
|---------------|---|---------------|
| BFLV-2.5-T    | 2 ½", oblique type, low pressure, BSPT male threaded inlet, globe valve | 1153Re/17     |
| BFLV-2.5-F    | DN65, oblique type, low pressure, flanged inlet, globe valve            | 1153Re/20     |
| BFLV-2.5-FPRV | DN65, bib nosed type, high pressure, flanged inlet, globe valve         | 1153Re/31     |

### **EMACO GLOBAL LLC**

3118 Beckett Way, Lakeland FL 33810, USA

Tel: +1 (516) 288-8935

E-mail: [info@emacoglobal.com](mailto:info@emacoglobal.com) • Website: [www.emacoglobal.com](http://www.emacoglobal.com)

Certificate No: 1153Je to BS 5041-1:1987

#### **'EMACO' Wet Landing Valves**

| Product Name   | Description   | LPCB Ref. No. |
|----------------|---|---------------|
| E0190-198A1-00 | DN65 flanged inlet, oblique type, low pressure            | 1153Je/02     |
| E0190-198B1-00 | 2 ½" BSPT male threaded inlet, oblique type, low pressure | 1153Je/04     |

### **Emirates Fire Fighting Equipment Factory L.L.C. (FIREX)**

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Certificate No: 863g to BS 5041-1:1987

#### **'FIREX' Landing Valves for Wet Risers**

| Product Name | Description   | LPCB Ref. No. |
|--------------|---|---------------|
| APDR-65-ST   | 2 ½", oblique type, low pressure, BSPT male threaded inlet, globe valve | 863g/01       |
| APDR-65-FT   | DN65, oblique type, low pressure, flanged inlet, globe valve            | 863g/02       |

## **PART 2: SECTION 5.1.1**

### **WET LANDING VALVES**

#### **Fire King Security and Safety Equipment**

Al Juwais Main Road, Ras Al Khaimah, , United Arab Emirates

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Certificate No: 1153Xe to BS 5041-1:1987

#### **Wet Landing Valves**

| Product Name  | Description  | LPCB Ref. No. |
|---------------|--|---------------|
| FK06-198E-00  | 2 ½", oblique type, low pressure, BSPT male threaded inlet, globe valve      | 1153Xe/17     |
| FK06-198E1-00 | 2 ½", oblique type, low pressure, BSP female threaded inlet, globe valve     | 1153Xe/18     |
| FK06-198F1-00 | DN65, oblique type, low pressure, flanged inlet, globe valve                 | 1153Xe/20     |
| FK06-198G-00  | 2 ½", right angle type, low pressure, BSPT male threaded inlet, globe valve  | 1153Xe/21     |
| FK06-198G1-00 | 2 ½", right angle type, low pressure, BSP female threaded inlet, globe valve | 1153Xe/22     |
| FK06-198H1-00 | DN65, right angle type, low pressure, flanged inlet, globe valve             | 1153Xe/24     |
| FK06-200E-00  | 2 ½", horizontal type, low pressure, BSPT male threaded inlet, globe valve   | 1153Xe/25     |
| FK06-200E1-00 | 2 ½", horizontal type, low pressure, BSP female threaded inlet, globe valve  | 1153Xe/26     |
| FK06-200F1-00 | DN65, horizontal type, low pressure, flanged inlet, globe valve              | 1153Xe/28     |
| FK06-199C-00  | 2 ½", bib nosed type, high pressure, BSPT male threaded inlet, globe valve   | 1153Xe/29     |
| FK06-199D1-00 | DN65, bib nosed type, high pressure, flanged inlet, globe valve              | 1153Xe/31     |

#### **Knowsley SK Limited**

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Certificate No: 1480a to BS 5041-1:1987

#### **Knowsley SK Wet Landing Valves**

| Product Name | Description   | LPCB Ref. No. |
|--------------|---|---------------|
| 4220         | DN65, bib-nosed type, low pressure, flanged inlet, diaphragm valve  | 1480a/01      |
| 4240         | DN65, horizontal type, low pressure, flanged inlet, diaphragm valve | 1480a/02      |

Certificate No: 1480b to a Technical Approval based upon BS 5041-1:1987

#### **Knowsley SK Wet Landing Valves**

| Product Name | Description   | LPCB Ref. No. |
|--------------|---|---------------|
| 3120         | DN65, bib-nosed type, high pressure, flanged inlet (alternative flange drilling combinations 3 and 4, 150lb and 300lb), integral BS 336 outlet, globe valve                                   | 1480b/01      |
| 3121         | 2 ½", bib-nosed type, high pressure, male threaded inlet (BSP parallel, NPT and NST), integral BS 336 outlet, globe valve   | 1480b/02      |
| 3123         | DN65, bib-nosed type, high pressure, flanged inlet alternative flange drilling combinations 3" and 4", 150lb and 300lb), screwed BS 336 outlet (2 ½" BSP, NPT, NST thread types), globe valve | 1480b/03      |
| 3124         | 2 ½", bib-nosed type, high pressure, male threaded inlet (BSP parallel, NPT and NST), screwed BS 336 outlet (2 ½" BSP, NPT, NST thread types), globe valve                                    | 1480b/04      |
| 3130         | DN65, oblique type, high pressure, flanged inlet (alternative flange drilling combinations 3 and 4, 150lb and 300lb), integral BS 336 outlet, globe valve                                     | 1480b/05      |
| 3131         | 2 ½", oblique type, high pressure, male threaded inlet (BSP parallel, NPT and NST), integral BS 336, outlet globe valve   | 1480b/06      |
| 3133         | DN65, oblique type, high pressure, flanged inlet (alternative flange drilling combinations 3" and 4", 150lb and 300lb), screwed BS 336 outlet (2 ½" BSP, NPT, NST thread types), globe valve  | 1480b/07      |
| 3134         | 2 ½", oblique type, high pressure, male threaded inlet (BSP parallel, NPT and NST), screwed BS 336 outlet (2 ½" BSP, NPT, NST thread types), globe valve                                      | 1480b/08      |

**Lingjack Engineering Works PTE Ltd**

No. 1 Woodlands Terrace, #03-01 Lingjack Industrial Building 738471, Singapore

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E-mail: combat@lingjack.com • Website: www.combat.com.sg

Certificate No: 501c to BS 5041-1:1987

**'Lingjack' Wet Landing Valves**

| Product Name | Description   | LPCB Ref. No. |
|--------------|---|---------------|
| LV-DR25      | 2½" PN16, oblique, screwed inlet, low pressure                        | 501c/01       |
| LV-OF25      | 2½" PN16, oblique, flanged inlet, low pressure                        | 501c/02       |
| LV-RA25      | 2½" PN16, right angle, screwed inlet, low pressure                    | 501c/03       |
| LV-RAF25     | 2½" PN16, right angle, flanged inlet, low pressure                    | 501c/04       |
| LV-HS25      | 2½" PN16, horizontal, screwed inlet, low pressure                     | 501c/05       |
| LV-HF25      | 2½" PN16, horizontal, flanged inlet, low pressure                     | 501c/06       |
| LV-BNS25     | 2½" PN16, bib nosed, screwed inlet, low pressure                      | 501c/07       |
| LV-BNF25     | 2½" PN16, bib nosed, flanged inlet, low pressure                      | 501c/08       |
| DH61 screw   | 2½", bib nosed, screwed inlet, high pressure                          | 501c/09       |
| DH61 flange  | 2½", bib nosed, flanged inlet, high pressure                          | 501c/10       |
| DV-RAF25     | 2½" PN16, diaphragm valve, right angle, flanged inlet, low pressure   | 501c/11       |
| DV-HF25      | 2½" PN16, diaphragm valve, horizontal, flanged inlet, low pressure    | 501c/12       |
| LV-BNF25     | 2½" PN16, diaphragm valve, bib nosed, flanged inlet, low pressure (3) | 501c/13       |

**MOBIAK S.A.**

96-98 M. Mpotsari St, Chania, Crete 73136, Greece

Tel: +30 28210 63222 • Fax: +30 28210 66260

E-mail: sales@mobiak.gr • Website: http://www.mobiak.gr

Certificate No: 1153Ae to BS 5041-1:1987

**'MOBIAK' Wet Landing Valves**

| Product Name   | Description   | LPCB Ref. No. |
|----------------|---|---------------|
| MBK06-198A-00  | DN50 flanged inlet, oblique type, low pressure                | 1153Ae/01     |
| MBK06-198A1-00 | DN65 flanged inlet, oblique type, low pressure                | 1153Ae/02     |
| MBK06-198B-00  | 2 ½" BSP female threaded inlet, oblique type, low pressure    | 1153Ae/03     |
| MBK06-198B1-00 | 2 ½" BSPT male threaded inlet, oblique type, low pressure     | 1153Ae/04     |
| MBK06-198C-00  | DN50 flanged inlet, right angle type, low pressure            | 1153Ae/05     |
| MBK06-198C1-00 | DN65 flanged inlet, right angle type, low pressure            | 1153Ae/06     |
| MBK06-198D1-00 | 2 ½" BSPT male threaded inlet, right angle type, low pressure | 1153Ae/07     |
| MBK06-200A1-00 | 2 ½" BSPT male threaded inlet, horizontal type, low pressure  | 1153Ae/08     |
| MBK06-200B-00  | DN50 flanged inlet, horizontal type, low pressure             | 1153Ae/09     |
| MBK06-200B1-00 | DN65 flanged inlet, horizontal type, low pressure             | 1153Ae/10     |
| MBK06-200C1-00 | 2 ½" BSPT male threaded inlet, bib nosed type, low pressure   | 1153Ae/11     |
| MBK06-200D-00  | DN50 flanged inlet, bib nosed type, low pressure              | 1153Ae/12     |
| MBK06-200D1-00 | DN65 flanged inlet, bib nosed type, low pressure              | 1153Ae/13     |
| MBK06-199A-00  | DN50 flanged inlet, bib nosed type, high pressure             | 1153Ae/14     |
| MBK06-199A1-00 | DN65 flanged inlet, bib nosed type, high pressure             | 1153Ae/15     |
| MBK06-199B-00  | 2 ½" BSPT male threaded inlet, bib nosed type, high pressure  | 1153Ae/16     |

**NAFFCO FZ Co**

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Certificate No: 463e to BS 5041-1

## **PART 2: SECTION 5.1.1**

### **WET LANDING VALVES**

#### **NDR 098 Wet Landing Valves**

| <b>Product Name</b> | <b>Description</b>  | <b>LPCB Ref. No.</b> |
|---------------------|---|----------------------|
| NDR 098             | 2.5 inch wet landing valve, low pressure (1), oblique type with flanged inlet | 463e/01              |

#### **Ningbo Kaixuan Fire Control Equipment Co., Ltd.**

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Certificate No: 1153e to BS 5041-1:1987

#### **'JINTIAN FIRE' Wet Landing Valves**

| <b>Product Name</b> | <b>Description</b>   | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------|
| KX06-198A-00        | DN50, oblique type, low pressure, flanged inlet, globe valve                 | 1153e/01             |
| KX06-198A1-00       | DN65, oblique type, low pressure, flanged inlet, globe valve                 | 1153e/02             |
| KX06-198B-00        | 2 ½", oblique type, low pressure, BSP female threaded inlet, globe valve     | 1153e/03             |
| KX06-198B1-00       | 2 ½", oblique type, low pressure BSPT male threaded inlet, globe valve       | 1153e/04             |
| KX06-198C-00        | DN50, right angle type, low pressure, flanged inlet, globe valve             | 1153e/05             |
| KX06-198C1-00       | DN65, right angle type, low pressure, flanged inlet, globe valve             | 1153e/06             |
| KX06-198D1-00       | 2 ½", right angle type, low pressure, BSPT male threaded inlet, globe valve  | 1153e/07             |
| KX06-200A1-00       | 2 ½", horizontal type, low pressure, BSPT male threaded inlet, globe valve   | 1153e/08             |
| KX06-200B-00        | DN50, horizontal type, low pressure, flanged inlet, globe valve              | 1153e/09             |
| KX06-200B1-00       | DN65, horizontal type, low pressure, flanged inlet, globe valve              | 1153e/10             |
| KX06-200C1-00       | 2 ½", bib nosed type, low pressure, BSPT male threaded inlet, globe valve    | 1153e/11             |
| KX06-200D-00        | DN50, bib nosed type, low pressure, flanged inlet, globe valve               | 1153e/12             |
| KX06-200D1-00       | DN65, bib nosed type, low pressure, flanged inlet, globe valve               | 1153e/13             |
| KX06-199A-00        | DN50, bib nosed type, high pressure, flanged inlet, globe valve              | 1153e/14             |
| KX06-199A1-00       | DN65, bib nosed type, high pressure, flanged inlet, globe valve              | 1153e/15             |
| KX06-199B-00        | 2 ½", bib nosed type, high pressure, BSPT male threaded inlet, globe valve   | 1153e/16             |
| KX06-198E-00        | 2 ½", oblique type, low pressure, BSPT male threaded inlet, globe valve      | 1153e/17             |
| KX06-198E1-00       | 2 ½", oblique type, low pressure, BSP female threaded inlet, globe valve     | 1153e/18             |
| KX06-198F-00        | DN50, oblique type, low pressure, flanged inlet, globe valve                 | 1153e/19             |
| KX06-198F1-00       | DN65, oblique type, low pressure, flanged inlet, globe valve                 | 1153e/20             |
| KX06-198G-00        | 2 ½", right angle type, low pressure, BSPT male threaded inlet, globe valve  | 1153e/21             |
| KX06-198G1-00       | 2 ½", right angle type, low pressure, BSP female threaded inlet, globe valve | 1153e/22             |
| KX06-198H-00        | DN50, right angle type, low pressure, flanged inlet, globe valve             | 1153e/23             |
| KX06-198H1-00       | DN65, right angle type, low pressure, flanged inlet, globe valve             | 1153e/24             |
| KX06-200E-00        | 2 ½", horizontal type, low pressure, BSPT male threaded inlet, globe valve   | 1153e/25             |
| KX06-200E1-00       | 2 ½", horizontal type, low pressure, BSP female threaded inlet, globe valve  | 1153e/26             |
| KX06-200F-00        | DN50, horizontal type, low pressure, flanged inlet, globe valve              | 1153e/27             |
| KX06-200F1-00       | DN65, horizontal type, low pressure, flanged inlet, globe valve              | 1153e/28             |
| KX06-199C-00        | 2 ½", bib nosed type, high pressure, BSPT male threaded inlet, globe valve   | 1153e/29             |
| KX06-199D-00        | DN50, bib nosed type, high pressure, flanged inlet, globe valve              | 1153e/30             |
| KX06-199D1-00       | DN65, bib nosed type, high pressure, flanged inlet, globe valve              | 1153e/31             |

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Certificate No: 566l to BS 5041-1:1987

#### **'RAPIDROP' Landing Valves for Wet Risers**

| <b>Product Name</b> | <b>Description</b>   | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------|
| Fig.605M            | 2 ½", oblique type, low pressure, BSPT male threaded inlet, globe valve      | 566l/01              |
| Fig.605F            | 2 ½", oblique type, low pressure, BSP female threaded inlet, globe valve     | 566l/02              |
| Fig.605             | DN65, oblique type, low pressure, flanged inlet, globe valve                 | 566l/03              |
| Fig.606M            | 2 ½", right angle type, low pressure, BSPT male threaded inlet, globe valve  | 566l/04              |
| Fig.606F            | 2 ½", right angle type, low pressure, BSP female threaded inlet, globe valve | 566l/05              |

**PART 2: SECTION 5.1.1**  
WET LANDING VALVES

| Product Name | Description   | LPCB Ref. No. |
|--------------|---|---------------|
| Fig.606      | DN65, right angle type, low pressure, flanged inlet, globe valve            | 566I/06       |
| Fig.607M     | 2 ½", horizontal type, low pressure, BSPT male threaded inlet, globe valve  | 566I/07       |
| Fig.607F     | 2 ½", horizontal type, low pressure, BSP female threaded inlet, globe valve | 566I/08       |
| Fig.607      | DN65, horizontal type, low pressure, flanged inlet, globe valve             | 566I/09       |
| Fig.608M     | 2 ½", bib nosed type, high pressure, BSPT male threaded inlet, globe valve  | 566I/10       |
| Fig.608      | DN65, bib nosed type, high pressure, flanged inlet, globe valve             | 566I/11       |

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Certificate No: 1584a to BS 5041-1:1987

**'AAAG' Wet Landing Valves**

| Product Name | Description  | LPCB Ref. No. |
|--------------|--|---------------|
| G104-BS      | DN65, oblique type, low pressure, flanged inlet, globe valve             | 1584a/01      |
| G1080-BS     | 2 ½", oblique type, low pressure, BSP female threaded inlet, globe valve | 1584a/02      |
| G108-BS      | 2 ½", oblique type, low pressure BSPT male threaded inlet, globe valve   | 1584a/03      |
| G1041-BS     | DN65, bib nosed type, high pressure, flanged inlet, globe valve          | 1584a/04      |

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Certificate No: 1153le to BS 5041-1:1987

**'FIRETECH' Wet Landing Valves**

| Product Name  | Description  | LPCB Ref. No. |
|---------------|--|---------------|
| FT06-198A-00  | DN50 flanged inlet, oblique type, low pressure                               | 1153le/01     |
| FT06-198A1-00 | DN65 flanged inlet, oblique type, low pressure                               | 1153le/02     |
| FT06-198B-00  | 2 ½" BSP female threaded inlet, oblique type, low pressure                   | 1153le/03     |
| FT06-198B1-00 | 2 ½" BSPT male threaded inlet, oblique type, low pressure                    | 1153le/04     |
| FT06-198C-00  | DN50 flanged inlet, right angle type, low pressure                           | 1153le/05     |
| FT06-198C1-00 | DN65 flanged inlet, right angle type, low pressure                           | 1153le/06     |
| FT06-198D1-00 | 2 ½" BSPT male threaded inlet, right angle type, low pressure                | 1153le/07     |
| FT06-200A1-00 | 2 ½" BSPT male threaded inlet, horizontal type, low pressure                 | 1153le/08     |
| FT06-200B-00  | DN50 flanged inlet, horizontal type, low pressure                            | 1153le/09     |
| FT06-200B1-00 | DN65 flanged inlet, horizontal type, low pressure                            | 1153le/10     |
| FT06-200C1-00 | 2 ½" BSPT male threaded inlet, bib nosed type, low pressure                  | 1153le/11     |
| FT06-200D-00  | DN50 flanged inlet, bib nosed type, low pressure                             | 1153le/12     |
| FT06-200D1-00 | DN65 flanged inlet, bib nosed type, low pressure                             | 1153le/13     |
| FT06-199A-00  | DN50 flanged inlet, bib nosed type, high pressure                            | 1153le/14     |
| FT06-199A1-00 | DN65 flanged inlet, bib nosed type, high pressure                            | 1153le/15     |
| FT06-199B-00  | 2 ½" BSPT male threaded inlet, bib nosed type, high pressure                 | 1153le/16     |
| FT102M        | 2 ½", oblique type, low pressure, BSPT male threaded inlet, globe valve      | 1153le/17     |
| FT102F        | 2 ½", oblique type, low pressure, BSP female threaded inlet, globe valve     | 1153le/18     |
| FT102         | DN65, oblique type, low pressure, flanged inlet, globe valve                 | 1153le/20     |
| FT103M        | 2 ½", right angle type, low pressure, BSPT male threaded inlet, globe valve  | 1153le/21     |
| FT103F        | 2 ½", right angle type, low pressure, BSP female threaded inlet, globe valve | 1153le/22     |
| FT103         | DN65, right angle type, low pressure, flanged inlet, globe valve             | 1153le/24     |
| FT104M        | 2 ½", horizontal type, low pressure, BSPT male threaded inlet, globe valve   | 1153le/25     |
| FT104F        | 2 ½", horizontal type, low pressure, BSP female threaded inlet, globe valve  | 1153le/26     |
| FT104         | DN65, horizontal type, low pressure, flanged inlet, globe valve              | 1153le/28     |
| FT101M        | 2 ½", bib nosed type, high pressure, BSPT male threaded inlet, globe valve   | 1153le/29     |
| FT101         | DN65, bib nosed type, high pressure, flanged inlet, globe valve              | 1153le/31     |

## **PART 2: SECTION 5.1.1**

### **WET LANDING VALVES**

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Certificate No: 1366a to BS 5041-1:1987

#### **Wet Landing Valves**

| <b>Product Name</b> | <b>Description</b>   | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------|
| JS02.002.13Q        | 2 ½" BSPT male screwed inlet, oblique type, low pressure   | 1366a/01             |
| JS02.002.14Q        | 2 ½" BSPT male screwed inlet, oblique type, low pressure   | 1366a/02             |
| JS02.002.16Q        | DN65 flanged inlet, oblique type, low pressure             | 1366a/03             |
| JS02.002.18Q        | DN65 flanged inlet, right-angle type, low pressure         | 1366a/04             |
| JS02.002.19Q        | DN65 flanged inlet, horizontal type, low pressure          | 1366a/05             |
| JS02.002.56         | 2 ½ "BSPT female screwed inlet, oblique type, low pressure | 1366a/06             |

#### **The Viking Corporation**

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Certificate No: 1153Ke to BS 5041-1:1987

#### **Viking Corp Fireking Wet Landing Valves**

| <b>Product Name</b> | <b>Description</b>  | <b>LPCB Ref. No.</b> |
|---------------------|---|----------------------|
| FK-LV50F-O          | DN50, oblique type, low pressure, flanged inlet, globe valve                | 1153Ke/01            |
| FK-LV65F-O          | DN65, oblique type, low pressure, flanged inlet, globe valve                | 1153Ke/02            |
| FK-LV65TO-F         | 2 ½", oblique type, low pressure, BSP female threaded inlet, globe valve    | 1153Ke/03            |
| FK-LV65TO-M         | 2 ½", oblique type, low pressure BSPT male threaded inlet, globe valve      | 1153Ke/04            |
| FK-LV50F-R          | DN50, right angle type, low pressure, flanged inlet, globe valve            | 1153Ke/05            |
| FK-LV65F-R          | DN65, right angle type, low pressure, flanged inlet, globe valve            | 1153Ke/06            |
| FK-LV65TR-M         | 2 ½", right angle type, low pressure, BSPT male threaded inlet, globe valve | 1153Ke/07            |
| FK-LV65TS-M         | 2 ½", horizontal type, low pressure, BSPT male threaded inlet, globe valve  | 1153Ke/08            |
| FK-LV50F-S          | DN50, horizontal type, low pressure, flanged inlet, globe valve             | 1153Ke/09            |
| FK-LV65F-S          | DN65, horizontal type, low pressure, flanged inlet, globe valve             | 1153Ke/10            |
| FK-LV65TB-M         | 2 ½", bib nosed type, low pressure, BSPT male threaded inlet, globe valve   | 1153Ke/11            |
| FK-LV50F-B          | DN50, bib nosed type, low pressure, flanged inlet, globe valve              | 1153Ke/12            |
| FK-LV65F-B          | DN65, bib nosed type, low pressure, flanged inlet, globe valve              | 1153Ke/13            |
| FK-PRV-F            | DN65, bib nosed type, high pressure, flanged inlet, globe valve             | 1153Ke/15            |
| FK-PRV-T            | 2 ½", bib nosed type, high pressure, BSPT male threaded inlet, globe valve  | 1153Ke/16            |

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Certificate No: 1153Le to BS 5041-1:1987

#### **'TPMC' Wet Landing Valves**

| <b>Product Name</b> | <b>Description</b>   | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------|
| F21-50              | DN50, oblique type, low pressure, flanged inlet, globe valve             | 1153Le/01            |
| F21-65              | DN65, oblique type, low pressure, flanged inlet, globe valve             | 1153Le/02            |
| F22-65P             | 2 ½", oblique type, low pressure, BSP female threaded inlet, globe valve | 1153Le/03            |
| F22-65T             | 2 ½", oblique type, low pressure BSPT male threaded inlet, globe valve   | 1153Le/04            |

**PART 2: SECTION 5.1.1**  
WET LANDING VALVES

| Product Name | Description   | LPCB Ref. No. |
|--------------|---|---------------|
| F25-50       | DN50, right angle type, low pressure, flanged inlet, globe valve            | 1153Le/05     |
| F25-65       | DN65, right angle type, low pressure, flanged inlet, globe valve            | 1153Le/06     |
| F26-65T      | 2 ½", right angle type, low pressure, BSPT male threaded inlet, globe valve | 1153Le/07     |
| F24-65T      | 2 ½", horizontal type, low pressure, BSPT male threaded inlet, globe valve  | 1153Le/08     |
| F23-50       | DN50, horizontal type, low pressure, flanged inlet, globe valve             | 1153Le/09     |
| F23-65       | DN65, horizontal type, low pressure, flanged inlet, globe valve             | 1153Le/10     |
| F28-65T      | 2 ½", bib nosed type, low pressure, BSPT male threaded inlet, globe valve   | 1153Le/11     |
| F27-50       | DN50, bib nosed type, low pressure, flanged inlet, globe valve              | 1153Le/12     |
| F27-65       | DN65, bib nosed type, low pressure, flanged inlet, globe valve              | 1153Le/13     |
| F29-50       | DN50, bib nosed type, high pressure, flanged inlet, globe valve             | 1153Le/14     |
| F29-65       | DN65, bib nosed type, high pressure, flanged inlet, globe valve             | 1153Le/15     |
| F30-65T      | 2 ½", bib nosed type, high pressure, BSPT male threaded inlet, globe valve  | 1153Le/16     |

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Certificate No: 1695a to BS 5041-1:1987

**Wet landing valves**

| Product Name | Description  | LPCB Ref. No. |
|--------------|--|---------------|
| FRA5478G     | Bib nosed pattern, low pressure, DN65, PN16, BS 4504 flanged inlet, diaphragm valve  | 1695a/01      |
| FRA5498G     | Horizontal pattern, low pressure, DN65, PN16, BS 4504 flanged inlet, diaphragm valve | 1695a/02      |

Certificate No: 1695b to BS 5041-1:1987, with the exception of clause 10.

**Wet landing valves**

| Product Name | Description  | LPCB Ref. No. |
|--------------|--|---------------|
| FRA5477G     | Bib nosed pattern, low pressure, DN65, 2.5 inch, ASME.B16.24 flanged inlet, diaphragm valve        | 1695b/01      |
| FRA5476G     | Bib nosed pattern, low pressure, DN65, 3 inch, ASME.B16.24 flanged inlet, diaphragm valve          | 1695b/02      |
| FRA5497G     | Horizontal pattern, low pressure, DN65, PN16, 2.5 inch, ASME.B16.24 flanged inlet, diaphragm valve | 1695b/03      |
| FRA5496G     | Horizontal pattern, low pressure, DN65, PN16, 3 inch, ASME.B16.24 flanged inlet, diaphragm valve   | 1695b/04      |

## **PART 2: SECTION 5.1.2**

### **DRY LANDING VALVES**

A Dry Riser inlet is permanently connected to an 'uncharged' water pipe system that is installed within protected service 'riser' shaft within the building, often this is the protected escape staircase enclosures.

Dry landing valves are located at discharge points, typically on the upper floors of a taller building, Layflat hoses are coupled into the valve to supply water to the location of the fire. The valve is normally located within an easily accessible, protective, and approved box or 'cabinet' to prevent damage, dust, and rubbish collection.

The system components must be regularly maintained to prevent leaks, corrosion, and loss of adequate pressure. Landing valves that are used as part of a dry riser system are tested to BS 5041-2.

**This section lists products approved in accordance with:**

BS 5041-2 - *Fire hydrant systems equipment. Specification for landing valves for dry risers.*



Dry riser inlets are permanently connected to 'uncharged' water pipe systems that are installed within protected service 'riser' shafts within the building.

The inlet breeching is suitably located on the ground floor to enable the fire and rescue service to connect hoses to a suitable water supply allowing water to be pumped up to higher floors.

Inlet breechings are tested to BS 5041-3.

**This section lists products approved in accordance with:**

BS 5041-3 - *Fire hydrant systems equipment. Specification for inlet breechings for dry riser inlets*

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Certificate No: 1153Rd to BS 5041-3:1975

#### **'BRAKE FIRE' Inlet Breechings for Dry Riser Inlets**

| Product Name | Description                                 | LPCB Ref. No. |
|--------------|---|---------------|
| BFBV-4-F     | 4 way inlet breeching, 150mm flanged outlet | 1153Rd/01     |
| BFBV-2-F     | 2 way inlet breeching, 100mm flanged outlet | 1153Rd/02     |

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Certificate No: 1153Jd to BS 5041-3:1975

#### **'EMACO' Inlet Breechings**

| Product Name | Description                                 | LPCB Ref. No. |
|--------------|---|---------------|
| E0191-203-00 | 4 way inlet breeching, 150mm flanged outlet | 1153Jd/01     |
| E0191-202-00 | 2 way inlet breeching, 100mm flanged outlet | 1153Jd/02     |

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Certificate No: 863d to BS 5041-3

#### **Inlet Breechings**

| Product Name | Description                                 | LPCB Ref. No. |
|--------------|---|---------------|
| APDR2-100-BI | 2 way inlet breeching, 100mm flanged outlet | 863d/01       |
| APDR4-150-BI | 4 way inlet breeching, 150mm flanged outlet | 863d/02       |

## **PART 2: SECTION 5.2**

### **INLET BREECHINGS**

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Certificate No: 1153Xd to BS 5041-3:1975

#### **Inlet Breechings**

| <b>Product Name</b> | <b>Description</b>                          | <b>LPCB Ref. No.</b> |
|---------------------|---|----------------------|
| FK08-203-00         | 4 way inlet breeching, 150mm flanged outlet | 1153Xd/01            |
| FK08-202-00         | 2 way inlet breeching, 100mm flanged outlet | 1153Xd/02            |

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Certificate No: 501d to BS 5041-3

#### **Inlet Breechings**

| <b>Product Name</b> | <b>Description</b>                           | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------|
| DR 095              | 2 way inlet breeching, 100 mm flanged outlet | 501d/01              |
| WR 115              | 4 way inlet breeching, 150 mm flanged outlet | 501d/02              |

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Certificate No: 1153Ad to BS 5041-3:1975

#### **'MOBIAK' Inlet Breechings**

| <b>Product Name</b> | <b>Description</b>                          | <b>LPCB Ref. No.</b> |
|---------------------|---|----------------------|
| MBK08-203-00        | 4 way inlet breeching, 150mm flanged outlet | 1153Ad/01            |
| MBK08-202-00        | 2 way inlet breeching, 100mm flanged outlet | 1153Ad/02            |

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Certificate No: 463f to BS 5041-3

#### **Inlet Breechings**

| <b>Product Name</b> | <b>Description</b>             | <b>LPCB Ref. No.</b> |
|---------------------|--------------------------------|----------------------|
| NDR 095             | 4 inch x 2 way inlet breeching | 463f/01              |
| NWR 115             | 6 inch x 4 way inlet breeching | 463f/02              |
| NWRX 115            | 6 inch x 4 way inlet breeching | 463f/03              |

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Certificate No: 1153d to BS 5041-3:1975

**'KAIXUAN' Inlet Breechings for Dry Riser Inlets**

| Product Name | Description  | LPCB Ref. No. |
|--------------|--|---------------|
| KX08-203-00  | 4 way inlet breeching, copper alloy (LG2/CC491K) couplings, 150mm flanged outlet   | 1153d/01      |
| KX08-202-00  | 2 way inlet breeching, copper alloy (LG2/CC491K) couplings, 100mm flanged outlet   | 1153d/02      |
| KX08-203B-00 | 4 way inlet breeching, copper alloy (CZ122/CW617N) couplings, 150mm flanged outlet | 1153d/03      |
| KX08-202B-00 | 2 way inlet breeching, copper alloy (CZ122/CW617N) couplings, 100mm flanged outlet | 1153d/04      |

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Certificate No: 566k to BS 5041-3:1975

**'RAPIDROP' Inlet Breechings for Dry Riser Inlets**

| Product Name | Description                                 | LPCB Ref. No. |
|--------------|---|---------------|
| Fig.604      | 4 way inlet breeching, 150mm flanged outlet | 566k/01       |
| Fig.603      | 2 way inlet breeching, 100mm flanged outlet | 566k/02       |

**Shah Bhogilal Jethalal & Brothers**

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E-mail: [info@aaagindia.in](mailto:info@aaagindia.in) • Website: [www.aaagindia.in](http://www.aaagindia.in)

Certificate No: 1584b to BS 5041-3:1975

**'AAAG' Inlet Breechings**

| Product Name | Description                                 | LPCB Ref. No. |
|--------------|---|---------------|
| G151-BS      | 2 way inlet breeching, 100mm flanged outlet | 1584b/01      |
| G154-BS      | 4 way inlet breeching, 150mm flanged outlet | 1584b/02      |

**Shanghai Firetech Co. Ltd.**

21F, Building B, No. 2157 Hunan Road, Pudong District, Shanghai 201204, China

Tel: +86 13917676168 • Fax: +86 21 68453005

E-mail: [info@firetechsh.com](mailto:info@firetechsh.com) • Website: [www.firetechsh.com](http://www.firetechsh.com)

Certificate No: 1153ld to BS 5041-3:1975

## **PART 2: SECTION 5.2**

### **INLET BREECHINGS**

#### **'FIRETECH' Inlet Breechings**

| <b>Product Name</b> | <b>Description</b>                          | <b>LPCB Ref. No.</b> |
|---------------------|---|----------------------|
| FT08-203-00         | 4 way inlet breeching, 150mm flanged outlet | 1153ld/01            |
| FT08-202-00         | 2 way inlet breeching, 100mm flanged outlet | 1153ld/02            |

#### **Shaoxing Jia Sheng Fire Fighting Equipment Co. Limited**

No 30, Zijin Road, Tianjia Industrial Zone, Xiaoyue Town, Shangyu District, Shaoxing City, Zhejiang Province 312367, China

Tel: +86-575-82039618 • Fax: +86-575-82032872

E-mail: rachel.yan@jsfire.com.cn • Website: www.jsfire.com.cn

Certificate No: 1366b to BS 5041-3:1975

#### **Inlet Breechings**

| <b>Product Name</b> | <b>Description</b>                           | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------|
| JS06.002.01A        | 2 way inlet breeching, 100 mm flanged outlet | 1366b/01             |
| JS06.002.02B        | 4 way inlet breeching, 150 mm flanged outlet | 1366b/02             |

#### **The Viking Corporation**

210 N Industrial Park, Hastings, Michigan 49058, USA

Tel: +1 269 945 9501 • Fax: +1 269 945 9599

E-mail: techsvcs@vikingcorp.com • Website: www.vikingcorp.com

Certificate No: 1153Kd to BS 5041-3:1975

#### **Viking Corp Fireking Inlet Breechings**

| <b>Product Name</b> | <b>Description</b>                          | <b>LPCB Ref. No.</b> |
|---------------------|---|----------------------|
| FK-4W-336           | 4 way inlet breeching, 150mm flanged outlet | 1153Kd/01            |
| FK-2W-336           | 2 way inlet breeching, 100mm flanged outlet | 1153Kd/02            |

Semi-rigid hose is used as part of a hose reel system typically (but not exclusively) red in colour, round in section and up to 30 metres in length. The purpose of this type of hose is to provide a steady flow of water quickly as a first response in a fire situation without having to set up lengths of hose from another source. The semi-rigid construction helps to prevent kinks which would restrict supply, is durable and operates in a fairly wide temperature range.

**This section lists products approved in accordance with:**

EN 694 - *Requirements for Fire-fighting hoses - semi-rigid hoses for fixed systems.*

### **Al Ayed Hoses Factory**

Al Manakh Industrial Area, P.O.Box 26381, Riyadh 11486, Kingdom of Saudi Arabia

Tel: +966112600555

E-mail: [info@ayed-sa.com](mailto:info@ayed-sa.com) • Website: [www.ayed-sa.com](http://www.ayed-sa.com)

Certificate No: 1585a to EN 694:2014

#### **Semi-Rigid Hose**

| Product Name                 | Description                       | LPCB Ref. No. |
|------------------------------|-----------------------------------|---------------|
| Al Ayed Semi-Rigid Fire Hose | Semi rigid hose, 25mm, colour red | 1585a/01      |

### **NAFFCO FZ Co**

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Certificate No: 463h to EN 694

#### **Semi rigid hoses**

| Product Name                       | Model     | LPCB Ref. No. |
|------------------------------------|-----------|---------------|
| Semi rigid hose, 19 mm, colour red | NF-RH-19R | 463h/01       |
| Semi rigid hose, 25mm, colour red  | NF-RH-25R | 463h/02       |

### **Shaoxing Hongrun Fire Control Equipment Co., Ltd.**

No. 16 Zijin Road, Xiaoyue Industrial Zone, Shangyu District, Shaoxing City, Zhejiang Province, China

Tel: +86-575-82716911 • Fax: +86-575-82713275

E-mail: [mkt-hongrun@hr-fire.com](mailto:mkt-hongrun@hr-fire.com) • Website: [www.hr-fire.com](http://www.hr-fire.com)

Certificate No: 1288a to EN 694:2014

#### **HR Semi-rigid Hose**

| Product Name | Description   | LPCB Ref. No. |
|--------------|---|---------------|
| HR01-01-01   | 19mm inside diameter, type A, class 2, red PVC semi-rigid fire hose (1) | 1288a/01      |
| HR01-02-01   | 25mm inside diameter, type A, class 2, red PVC semi-rigid fire hose (1) | 1288a/02      |
| HR01-03-01   | 33mm inside diameter, type A, class 2, red PVC semi-rigid fire hose (2) | 1288a/03      |

## **PART 2: SECTION 5.3**

### **SEMI RIGID HOSES**

#### **Suzhou HLC Plastics Industry Co. Ltd**

No. 103 Fengbeidang Road, Beiqiao Block, Xiangcheng District, Suzhou, China

Tel: +86 512 65366918 • Fax: +86 512 65360646

E-mail: [info@suzhou-csj.com](mailto:info@suzhou-csj.com) • Website: [www.suzhou-csj.com](http://www.suzhou-csj.com)

Certificate No: 1038b to EN 694:2014

#### **CSJ Semi-Rigid Hose**

| <b>Product Name</b> | <b>Description</b>                       | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------|
| 19mm Fire Hose (1)  | Semi rigid hose, 19mm, colour red/black  | 1038b/01             |
| 25mm Fire Hose (1)  | Semi rigid hose, 25 mm, colour red/black | 1038b/02             |
| 33mm Fire Hose (2)  | Semi rigid hose, 33 mm, colour red/black | 1038b/03             |

#### **Yuyao Tianning Fire Control Equipment Co., Ltd.**

Ganxuan Village, Liangnong Town, Yuyao City, Ningbo, Zhejiang Province, China

Tel: 0086 15618883100

E-mail: [Nicole.mengxiaozhang@hotmail.com](mailto:Nicole.mengxiaozhang@hotmail.com) • Website: [www.tianningfire.com](http://www.tianningfire.com)

Certificate No: 1364a to EN 694:2014

#### **'TN' Semi-Rigid Hose**

| <b>Product Name</b> | <b>Description</b>                | <b>LPCB Ref. No.</b> |
|---------------------|-----------------------------------|----------------------|
| TN04-D-08B-08       | Semi rigid hose, 19mm, colour red | 1364a/01             |
| TN04-D-08A-08       | Semi rigid hose, 25mm, colour red | 1364a/02             |

Layflat hose is typically used by the fire service to convey large quantities of water to the fire. Lengths of hose may be connected together via couplings and the hose should be flexible, strong, resist kinking, watertight, rot-proof, impervious to chemicals and operate in varying extremes of temperature.

To achieve these requirements layflat hose comes in three types.

**Type 1** hoses are those to which no external treatments have been applied to the reinforcement and may be liable to absorb liquids and need to be thoroughly dried after use. These types of fire hose are sometimes called conventional hoses.

**Type 2** hoses are those to which an external elastomeric coating has been applied to the reinforcement to give some protection against the absorption of liquids and to improve resistance to abrasion of the reinforcement.

**Type 3** hoses are those to which an external elastomeric coating or covering has been applied to or been incorporated within the reinforcement to give the hoses very low absorption of liquids and high resistance to abrasion and heat.

In some countries layflat hose may also be concentrated in a hanging rack adjacent to a dry riser in a fixed location within a building ensuring a fast and easily available source of large quantities of water. A branch (nozzle) is usually also supplied at this location.

**This section lists products approved in accordance with:**

BS 6391 - *Requirements for non-percolating layflat delivery hoses and hose assemblies for fire fighting purposes.*

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Certificate No: 463g to BS 6391

***Layflat delivery hoses***

| Product Name | Description                              | LPCB Ref. No. |
|--------------|--|---------------|
| NF-DH2 65R   | 2.5" Layflat delivery hose, colour red   | 463g/01       |
| NF-DH2 65W   | 2.5" Layflat delivery hose, colour white | 463g/02       |

## **PART 2: SECTION 5.5**

### **BOXES FOR DRY RISER INLETS**

A Dry Riser is an un-charged system of pipe-work and valves installed within a building which enables the Fire Service to pump water to the upper floors of a building when a fire occurs. A dry riser box or cabinet provides protection to dry riser inlets from accidental damage, dirt, dust, vandalism, and rubbish deposits and helps to ensure that the equipment inside stays in the best condition to ensure that a supply of water can be maintained in any fire incident. Regular inspection and maintenance of the box and equipment inside is required.

Dry riser box for riser inlets are tested to BS 5041-5

**This section lists products approved in accordance with:**

BS 5041-5 - *Boxes for dry riser inlets.*

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Certificate No: 463j to BS 5041-5

#### ***Boxes for dry riser inlets***

| <b>Product Name</b> | <b>Model</b>  | <b>Size W X H (mm)</b> | <b>LPCB Ref. No.</b> |
|---------------------|---------------|------------------------|----------------------|
| 4" x 2 way          | NF-2WDRIC-SM  | 595 x 395              | 463j/01              |
| 6" x 4 way          | NF-4WDRIC-SM  | 595 x 595              |                      |
| 4" x 2 way          | NF-2WDRIC-SMA | 395 x 595              |                      |
| 4"x 2 way           | NF-2WDRIC-RT  | 595 x 395              |                      |
| 6" x 4 way          | NF-4WDRIC-RT  | 595 X 595              |                      |
| 4" x 2 way          | NF-2WDRIC-RTA | 395 X 595              |                      |



The purpose of a fire hydrant installation is to provide a connection to the water main to which the fire fighter can connect firefighting equipment. Pillar fire hydrants consist of one or more valves and connection outlets in a column shape, which emerges from below ground level, intended primarily to supply water for firefighting and also may be used by water utilities.

Pillar fire hydrants are tested to EN 14384.

**This section lists products approved in accordance with:**

EN 14384 - *Pillar fire hydrants*

### **Brake Fire Safety and Security**

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E-mail: [info@brakefiregcc.com](mailto:info@brakefiregcc.com) • Website: [www.brakefiregcc.com](http://www.brakefiregcc.com)

Certificate No: 12801a to EN 14384:2005

#### **'BRAKE FIRE' Pillar Fire Hydrants**

| Product Name | Inlet size | Hose outlet        | Pumper            | LPCB Ref. No. |
|--------------|------------|--------------------|-------------------|---------------|
| BFHD-4"-P    | 4 (DN 100) | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 12801a/01     |
| BFHD-6"-P    | 6 (DN 150) | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 12801a/04     |

### **Bristol Fire Engineering LLC**

Al Quoz Industrial Area 3, P.O.Box 74582, Dubai, United Arab Emirates

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E-mail: [sami@bristol-fire.com](mailto:sami@bristol-fire.com) • Website: [www.bristol-fire.com](http://www.bristol-fire.com)

Certificate No: 1280Fa to EN 14384:2005

#### **'BRISTOL' Pillar fire hydrants**

| Product Name | Inlet size | Hose outlet                              | Pumper            | LPCB Ref. No. |
|--------------|------------|--|-------------------|---------------|
| BFE04        | 4 (DN 100) | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280Fa/06     |
| BFE06        | 6 (DN 150) | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280Fa/08     |

### **Emirates Fire Fighting Equipment Factory L.L.C. (FIREX)**

P.O.Box 22436, Industrial Area 13, Sharjah, United Arab Emirates

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Certificate No: 1280Aa to EN 14384:2005

#### **Pillar Fire Hydrants**

| Product Name | Inlet size | Hose outlet        | Pumper            | LPCB Ref. No. |
|--------------|------------|--------------------|-------------------|---------------|
| FX16-117S    | 4 (DN 100) | 2 x 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Aa/01     |
| FX16-082S    | 4 (DN 100) | 2 x 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Aa/02     |
| FX16-083S    | 6 (DN 150) | 2 x 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Aa/03     |
| FX16-117T    | 6 (DN 150) | 2 x 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Aa/04     |

## **PART 2: SECTION 5.6**

### **PILLAR FIRE HYDRANTS**

#### **Eversafe Extinguisher Sdn Bhd**

Lot 878, Jalan Subang 9, Taman Perindustrian Subang, 47500 Subang Jaya, Selangor Darul Ehsan, Malaysia

Tel: +603 8024 9898 • Fax: +603 8024 7878

E-mail: [info@eversafe.net](mailto:info@eversafe.net) • Website: [www.eversafe.net](http://www.eversafe.net)

Certificate No: 1280Ga to EN 14384:2005

#### **Pillar Fire Hydrants**

| <b>Product Name</b> | <b>Inlet size</b> | <b>Hose outlet</b>                       | <b>Pumper</b>     | <b>LPCB Ref. No.</b> |
|---------------------|-------------------|--|-------------------|----------------------|
| EE16-117S           | 4 (DN 100)        | 2 X 2.5 BSP (65mm)                       | 1 x 4 BSP (100mm) | 1280Ga/01            |
| EE16-082S           | 4 (DN 100)        | 2 X 2.5 BSP (65mm)                       | 1 x 4 BSP (100mm) | 1280Ga/02            |
| EE16-083S           | 6 (DN 150)        | 2 X 2.5 BSP (65mm)                       | 1 x 4 BSP (100mm) | 1280Ga/03            |
| EE16-117T           | 6 (DN 150)        | 2 X 2.5 BSP (65mm)                       | 1 x 4 BSP (100mm) | 1280Ga/04            |
| EE16-082T           | 4 (DN 100)        | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280Ga/05            |
| EE16-117U           | 4 (DN 100)        | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280Ga/06            |
| EE16-083T           | 6 (DN 150)        | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280Ga/07            |
| EE16-117V           | 6 (DN 150)        | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280Ga/08            |

#### **Exon For Fire Protection Inc.**

615 Remnor Ave, Ottawa, Ontario K2T 0A6, Canada

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Certificate No: 1280Da to EN 14384:2005

#### **EZULA Pillar Fire Hydrants**

| <b>Product Name</b> | <b>Inlet size</b> | <b>Hose outlet</b> | <b>Pumper</b>     | <b>LPCB Ref. No.</b> |
|---------------------|-------------------|--------------------|-------------------|----------------------|
| EX16-117S           | 4 (DN 100)        | 2 x 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Da/01            |
| EX16-082S           | 4 (DN 100)        | 2 x 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Da/02            |
| EX16-083S           | 6 (DN 150)        | 2 x 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Da/03            |
| EX16-117T           | 6 (DN 150)        | 2 x 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Da/04            |

#### **Fireguard Global Ltd.**

Unit 11 Chancel Industrial Estate, Newhall Street, Willenhall, West Midlands WV13 1NX, United Kingdom

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Certificate No: 1280Ha to EN 14384:2005

#### **'FIREGUARD' Pillar fire hydrants**

| <b>Product Name</b> | <b>Inlet size</b> | <b>Hose outlet</b> | <b>Pumper</b>     | <b>LPCB Ref. No.</b> |
|---------------------|-------------------|--------------------|-------------------|----------------------|
| FGDH100             | 4 (DN 100)        | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Ha/02            |
| FGDH150             | 6 (DN 150)        | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Ha/03            |

**Melton Egypt**

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Certificate No: 1280Ja to EN 14384:2005

**'MELTON' Pillar Fire Hydrants**

| Product Name | Inlet size | Hose outlet        | Pumper            | LPCB Ref. No. |
|--------------|------------|--------------------|-------------------|---------------|
| MT-3FH-4     | 4 (DN 100) | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Ja/02     |
| MT-3FH-6     | 6 (DN 150) | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Ja/03     |

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Certificate No: 463n to EN 14384

**Pillar Fire Hydrants**

| Product Name       | Inlet size | Hose Outlet   | Pumper Outlet   | LPCB Ref. No. |
|--------------------|------------|---|-----------------|---------------|
| 100 NHC - 800      | 4 (DN 100) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/01       |
| 100 NHC - 1200     | 4 (DN 100) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/02       |
| 100 NFHV - 800     | 4 (DN 100) | 2 x 2½" straight landing valve with BS 336 quick coupling | 1 x G4 (100mm)  | 463n/03       |
| 100 NFHV - 1200    | 4 (DN 100) | 2 x 2½" straight landing valve with BS 336 quick coupling | 1 x G4 (100mm)  | 463n/04       |
| 150 NFHV - 800     | 6 (DN 150) | 2 x 2½" straight landing valve with BS 336 quick coupling | 1 x G4 (100mm)  | 463n/05       |
| 150 NFHV - 1200    | 6 (DN 150) | 2 x 2½" straight landing valve with BS 336 quick coupling | 1 x G4 (100mm)  | 463n/06       |
| 100 NFHQ - 800     | 4 (DN 100) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/07       |
| 100 NFHQ - 1200    | 4 (DN 100) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/08       |
| 150 NFHQ - 800     | 6 (DN 150) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/09       |
| 150 NFHQ - 1200    | 6 (DN 150) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/10       |
| 100 NFHQC - 800    | 4 (DN 100) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/11       |
| 100 NFHQC - 1200   | 4 (DN 100) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/12       |
| 150 NFHQC - 800    | 6 (DN 150) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/13       |
| 150 NFHQC - 1200   | 6 (DN 150) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/14       |
| 100 NFHQSCD - 800  | 4 (DN 100) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/15       |
| 100 NFHQSCD - 1200 | 4 (DN 100) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/16       |
| 150 NFHQSCD - 800  | 6 (DN 100) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/17       |
| 150 NFHQSCD - 1200 | 6 (DN 150) | 2 x G2½" BS 336 quick coupling                            | 1 x G4 (100mm)  | 463n/18       |
| 100NFHQV-CD1       | 4 (DN 100) | 2 x G2½" BS 336 quick coupling                            | 1 v G4 (100 mm) | 463n/19       |
| 100NFHQV-CD2       | 4 (DN 100) | 2 x G2½" BS 336 quick coupling                            | 1 v G4 (100 mm) | 463n/20       |

## **PART 2: SECTION 5.6**

### **PILLAR FIRE HYDRANTS**

| <b>Product Name</b> | <b>Inlet size</b> | <b>Hose Outlet</b>             | <b>Pumper Outlet</b> | <b>LPCB Ref. No.</b> |
|---------------------|-------------------|--------------------------------|----------------------|----------------------|
| 150NFHQV-CD1        | 6 (DN 150)        | 2 x G2½" BS 336 quick coupling | 1 v G4 (100 mm)      | 463n/21              |
| 150NFHQV-CD2        | 6 (DN 150)        | 2 x G2½" BS 336 quick coupling | 1 v G4 (100 mm)      | 463n/22              |

### **National Factory for Security & Safety Equipment LLC**

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Certificate No: 1280Ca to EN 14384:2005

#### **AMANCO Pillar Fire Hydrants**

| <b>Product Name</b> | <b>Inlet size</b> | <b>Hose outlet</b> | <b>Pumper</b>     | <b>LPCB Ref. No.</b> |
|---------------------|-------------------|--------------------|-------------------|----------------------|
| AFH4-DR             | 4 (DN 100)        | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Ca/02            |
| AFH6-DR             | 6 (DN 150)        | 2 x 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Ca/03            |

### **Ningbo Kaixuan Fire Control Equipment Co., Ltd.**

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Certificate No: 1280a to EN 14384:2005

#### **'FLAMETECH' Pillar fire hydrants**

| <b>Product Name</b> | <b>Inlet size</b> | <b>Hose outlet</b>                       | <b>Pumper</b>     | <b>LPCB Ref. No.</b> |
|---------------------|-------------------|--|-------------------|----------------------|
| FT16-117S           | 4 (DN 100)        | 2 X 2.5 BSP (65mm)                       | 1 x 4 BSP (100mm) | 1280a/01             |
| FT16-082S           | 4 (DN 100)        | 2 X 2.5 BSP (65mm)                       | 1 x 4 BSP (100mm) | 1280a/02             |
| FT16-083S           | 6 (DN 150)        | 2 X 2.5 BSP (65mm)                       | 1 x 4 BSP (100mm) | 1280a/03             |
| FT16-117T           | 6 (DN 150)        | 2 X 2.5 BSP (65mm)                       | 1 x 4 BSP (100mm) | 1280a/04             |
| FT16-082T           | 4 (DN 100)        | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280a/05             |
| FT16-117U           | 4 (DN 100)        | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280a/06             |
| FT16-083T           | 6 (DN 150)        | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280a/07             |
| FT16-117V           | 6 (DN 150)        | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280a/08             |

### **SFFECO GLOBAL FZE**

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Certificate No: 1280Ba to EN 14384:2005

#### **SFFECO Pillar Fire Hydrants**

| <b>Product Name</b> | <b>Inlet size</b> | <b>Hose outlet</b>                       | <b>Pumper</b>     | <b>LPCB Ref. No.</b> |
|---------------------|-------------------|--|-------------------|----------------------|
| SFH100-LPLD         | 4 (DN 100)        | 2 x 2.5 BSP (65mm)                       | 1 x 4 BSP (100mm) | 1280Ba/01            |
| SFH100-LPHD         | 4 (DN 100)        | 2 x 2.5 BSP (65mm)                       | 1 x 4 BSP (100mm) | 1280Ba/02            |
| SFH150-LPHD         | 6 (DN 150)        | 2 x 2.5 BSP (65mm)                       | 1 x 4 BSP (100mm) | 1280Ba/03            |
| SFH150-LPLD         | 6 (DN 150)        | 2 x 2.5 BSP (65mm)                       | 1 x 4 BSP (100mm) | 1280Ba/04            |
| SFH100-LPHDAT       | 4 (DN 100)        | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280Ba/05            |
| SFH100-LPLDAT       | 4 (DN 100)        | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280Ba/06            |
| SFH150-LPHDAT       | 6 (DN 150)        | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280Ba/07            |
| SFH150-LPLDAT       | 6 (DN 150)        | 2 X 2.5 BS 336 (delivery hose connector) | 1 x 4 BSP (100mm) | 1280Ba/08            |

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Certificate No: 096w to EN 14384:2005

***Viking Corp Fireking Pillar Fire Hydrants***

| <b>Product Name</b> | <b>Inlet size</b> | <b>Hose outlet</b> | <b>Pumper</b>     | <b>LPCB Ref. No.</b> |
|---------------------|-------------------|--------------------|-------------------|----------------------|
| HYF5                | 4 (DN 100)        | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 096w/01              |
| HYF2                | 4 (DN 100)        | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 096w/02              |
| HYF3                | 6 (DN 150)        | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 096w/03              |
| HYF4                | 6 (DN 150)        | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 096w/04              |

## **PART 2: SECTION 5.7**

### **GATE VALVES**

Copper alloy gate valves are for use in fixed firefighting applications such as risers and hydrant systems having flanged, threaded, capillary, compression or loose nut/union body ends.

These products are approved to BS 5154 - *Specification for Copper alloy globe, globe stop and check, check and gate valves*

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Certificate No: 1153Ab to BS 5154:1991

#### **'MOBIAK' Copper Alloy Gate Valves**

| <b>Product Name</b> | <b>Description</b>                        | <b>LPCB Ref. No.</b> |
|---------------------|---|----------------------|
| MBK06-043A-00       | 1 Copper alloy gate valve with lockshield | 1153Ab/01            |
| MBK06-043A1-00      | 1 Copper alloy gate valve with handwheel  | 1153Ab/02            |

#### **Ningbo Kaixuan Fire Control Equipment Co., Ltd.**

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Certificate No: 1153b to BS 5154:1991

#### **'JINTIAN FIRE' Copper Alloy Gate Valves**

| <b>Product Name</b> | <b>Description</b>                        | <b>LPCB Ref. No.</b> |
|---------------------|---|----------------------|
| KX06-043A-00        | 1 Copper alloy gate valve with lockshield | 1153b/01             |
| KX06-043A1-00       | 1 Copper alloy gate valve with handwheel  | 1153b/02             |

Fire hose couplings and ancillary equipment are intended for fire service use.

**This section lists products approved in accordance with:**

BS 336 - *Specification for fire hose couplings and ancillary equipment.*

**Delivery hose couplings;**

Are instantaneous pattern couplings, either male or female combined with a hose tail, fitted with pull-release or twist-release mechanism. Intended for fitment of a delivery hose of appropriate size, so enabling the delivery hose to connect to fire service equipment fitted with appropriate instantaneous pattern coupling or connector.

**Standpipes;**

Capable of engagement to an underground fire hydrant conforming to BS 750, enabling aboveground operation. Consisting of a shaft fitted with an instantaneous delivery hose coupling or a gland allowing continuous rotation of the swivel head. Swivel head containing outlet(s) fitted with instantaneous pattern female connector(s), anti-siphon facility fitted as necessary. Intended for fitment to delivery hose and fire service equipment with appropriate instantaneous pattern coupling.

**Hydrant keys and bars;**

Intended for use on underground hydrant valves conforming to BS 750, enabling above ground operation.

**Note:**

Unless otherwise specified by the purchaser, blank plugs for standpipes are non-vented. If venting is required it should be in accordance with BS 5041-1 and BS 5041-2.

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Certificate No: 1153Af to BS 336:2010

**'MOBIAK' Delivery Hose Couplings**

| Product Name   | Description  | LPCB Ref. No. |
|----------------|--|---------------|
| MBK08-201A-00  | 2½" aluminium (LM25) delivery hose coupling with a 2¾" (70 mm) ribbed tails      | 1153Af/01     |
| MBK08-201A1-00 | 2½" aluminium (LM25) delivery hose coupling with a 2½" (64 mm) ribbed tails      | 1153Af/02     |
| MBK08-201A2-00 | 2½" aluminium (LM25) delivery hose coupling with a 2" (51 mm) ribbed tails       | 1153Af/03     |
| MBK08-201A3-00 | 2½" aluminium (LM25) delivery hose coupling with a 1¾" (45 mm) ribbed tails      | 1153Af/04     |
| MBK08-201A4-00 | 2½" aluminium (LM25) delivery hose coupling with a 1½" (38 mm) ribbed tails      | 1153Af/05     |
| MBK08-201B-00  | 2½" copper alloy (CC491K) delivery hose coupling with a 2¾" (70 mm) ribbed tails | 1153Af/06     |
| MBK08-201B1-00 | 2½" copper alloy (CC491K) delivery hose coupling with a 2½" (64 mm) ribbed tails | 1153Af/07     |
| MBK08-201B2-00 | 2½" copper alloy (CC491K) delivery hose coupling with a 2" (51 mm) ribbed tails  | 1153Af/08     |
| MBK08-201B3-00 | 2½" copper alloy (CC491K) delivery hose coupling with a 1¾" (45 mm) ribbed tails | 1153Af/09     |
| MBK08-201B4-00 | 2½" copper alloy (CC491K) delivery hose coupling with a 1½" (38 mm) ribbed tails | 1153Af/10     |
| MBK08-201C-00  | 2½" copper alloy (CW617N) delivery hose coupling with a 2¾" (70 mm) ribbed tails | 1153Af/11     |
| MBK08-201C1-00 | 2½" copper alloy (CW617N) delivery hose coupling with a 2½" (64 mm) ribbed tails | 1153Af/12     |
| MBK08-201C2-00 | 2½" copper alloy (CW617N) delivery hose coupling with a 2" (51 mm) ribbed tails  | 1153Af/13     |
| MBK08-201C3-00 | 2½" copper alloy (CW617N) delivery hose coupling with a 1¾" (45 mm) ribbed tails | 1153Af/14     |
| MBK08-201C4-00 | 2½" copper alloy (CW617N) delivery hose coupling with a 1½" (38 mm) ribbed tails | 1153Af/15     |

## **PART 2: SECTION 5.8**

### **FIRE HOSE COUPLINGS AND ANCILLARY EQUIPMENT**

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Certificate No: 1153f to BS 336:2010

#### **Delivery hose couplings**

| <b>Product Name</b> | <b>Description</b>   | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------|
| KX08-201A-00        | 2½" aluminium (LM25) delivery hose coupling with a 2¾" (70 mm) ribbed tails      | 1153f/01             |
| KX08-201A1-00       | 2½" aluminium (LM25) delivery hose coupling with a 2½" (64 mm) ribbed tails      | 1153f/02             |
| KX08-201A2-00       | 2½" aluminium (LM25) delivery hose coupling with a 2" (51 mm) ribbed tails       | 1153f/03             |
| KX08-201A3-00       | 2½" aluminium (LM25) delivery hose coupling with a 1¾" (45 mm) ribbed tails      | 1153f/04             |
| KX08-201A4-00       | 2½" aluminium (LM25) delivery hose coupling with a 1½" (38 mm) ribbed tails      | 1153f/05             |
| KX08-201B-00        | 2½" copper alloy (CC491K) delivery hose coupling with a 2¾" (70 mm) ribbed tails | 1153f/06             |
| KX08-201B1-00       | 2½" copper alloy (CC491K) delivery hose coupling with a 2½" (64 mm) ribbed tails | 1153f/07             |
| KX08-201B2-00       | 2½" copper alloy (CC491K) delivery hose coupling with a 2" (51 mm) ribbed tails  | 1153f/08             |
| KX08-201B3-00       | 2½" copper alloy (CC491K) delivery hose coupling with a 1¾" (45 mm) ribbed tails | 1153f/09             |
| KX08-201B4-00       | 2½" copper alloy (CC491K) delivery hose coupling with a 1½" (38 mm) ribbed tails | 1153f/10             |
| KX08-201C-00        | 2½" copper alloy (CW617N) delivery hose coupling with a 2¾" (70 mm) ribbed tails | 1153f/11             |
| KX08-201C1-00       | 2½" copper alloy (CW617N) delivery hose coupling with a 2½" (64 mm) ribbed tails | 1153f/12             |
| KX08-201C2-00       | 2½" copper alloy (CW617N) delivery hose coupling with a 2" (51 mm) ribbed tails  | 1153f/13             |
| KX08-201C3-00       | 2½" copper alloy (CW617N) delivery hose coupling with a 1¾" (45 mm) ribbed tails | 1153f/14             |
| KX08-201C4-00       | 2½" copper alloy (CW617N) delivery hose coupling with a 1½" (38 mm) ribbed tails | 1153f/15             |

Certificate No: 1153g to BS 336:2010

#### **Standpipes**

| <b>Product Name</b> | <b>Description</b>                | <b>LPCB Ref. No.</b> |
|---------------------|-----------------------------------|----------------------|
| Model KX08-058-00   | Single outlet aluminium standpipe | 1153g/16             |
| Model KX08-059-00   | Double outlet aluminium standpipe | 1153g/17             |

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Certificate No: 1584c to BS 336:2010

#### **'AAAG' Delivery Hose Couplings**

| <b>Product Name</b> | <b>Description</b>  | <b>LPCB Ref. No.</b> |
|---------------------|---|----------------------|
| G130-BS             | 2½" copper alloy (CC491K) delivery hose coupling with 2½" (64 mm) tails | 1584c/01             |



Mobile fire extinguishers are manufactured to suit different types of fires and should be selected, sited, serviced and maintained in accordance with the relevant code of practice. Third party approval of the mobile fire extinguisher will help to ensure that they will function correctly if properly maintained, it will also demonstrate due diligence in supporting risk assessed based legislation.

LPCB approval helps to ensure that fire extinguishers meet and continue to meet appropriate standards. LPCB approval includes testing of the individual component parts of the fire extinguisher, pressure safety of the vessel, correct labelling and operation instructions and the satisfactory performance of the extinguisher when tested to the relevant fire test. These elements are continuously monitored during regular factory production control (FPC) surveillance audits.

CE marking may be found on a mobile fire extinguisher as required by the European Union - Pressure Equipment Directive (PED) but should not be confused with LPCB approval. This directive has been published for products that are to be sold within the European Union (EU) and it requires proof of safety of the pressure vessel. The CE mark placed on a fire extinguisher demonstrates conformance with this pressure safety requirement and fire testing is not carried out as part of this directive.

**Caution:** To be sure of reliable, proven, performance of the fire extinguisher in fire conditions, the extinguisher should carry independent proof of performance, such as the LPCB mark, and if it is to be supplied into the EU the additional CE mark will also be required as defined by the PED.

Mobile fire extinguishers are manufactured and tested to a class B type fire but also cover class A fire if necessary, with powder and water based extinguishing media tested in accordance with EN 3-7.

EN 1866 applies to mobile fire extinguishers with a total mass above 20kg for powder, water based and CO<sub>2</sub> extinguishers and manoeuvred by an operator on foot only. - This standard does not cover fire tests for class C and class F fires but the extinguishing media can be effective on these types of fire. Class D fires are considered to be very specialist application and are not included.

**Caution:** To be sure of reliable, proven, performance of the fire extinguisher in fire condition, the extinguisher should carry independent proof of performance, such as the LPCB mark, and if it is to be supplied into the EU the additional CE mark will also be required as defined by PED.

Always follow manufacturers use, installation and servicing instruction and replace after use.

**The test standards used for LPCB certification of mobile fire extinguishers are:**

|  |
|--|
| <b>EN 1866-1</b> - Characteristics, performance requirements and test methods  |
| <b>EN 1866-2</b> - Requirements for the construction, pressure resistance and mechanical tests for extinguishers, with a maximum allowable pressure equal to or lower than 30 bar, which comply with the requirements of EN 1866-1 |
| <b>EN 1866-3</b> - Requirements for the assembly, construction and pressure resistance of CO <sub>2</sub> extinguishers which comply with the requirements of EN 1866-1  |

**Abbreviations used for LPCB listing of mobile fire extinguishers**

LPCB use the following abbreviations in the Red Book listings for mobile fire extinguishers.

|                            |  |
|----------------------------|--|
| <b>Extinguishing Agent</b> |  |
| W - Water                  | WB - Water based (water plus additive) |
| ABC or BC - Dry powder     | CO <sub>2</sub> - Carbon Dioxide       |

|                                |                              |
|--------------------------------|------------------------------|
| <b>Method of Actuation</b>     |                              |
| SP - Stored pressure actuation | GC - Gas cartridge actuation |

|                          |
|--------------------------|
| <b>Units or Capacity</b> |
|--------------------------|

## **PART 2: SECTION 6**

### MOBILE FIRE EXTINGUISHERS

kg - Kilogram

l - litre

#### **Labelling**

A requirement of EN 1866 is that each mobile fire extinguisher must be clearly labelled to identify the classes of fire for which they have demonstrated satisfactory performance as defined in BS EN 1866. In summary:

**Class A:** for use on flammable solid materials, for example wood, paper, coal, straw, cloth etc.

**Class B:** for use on fires involving flammable liquids or liquefiable solids.

**Colour Coding**

EN 1866 permits a zone of colour of up to 10% of the external area of the extinguisher body to be used to identify the extinguishing agent in accordance with national specifications.

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Certificate No: 1092Ac to EN 1866-1

**PROTEC Mobile Fire Extinguishers**

| Product Name | Type                         | Capacity  | Fire rating | LPCB Ref. No. |
|--------------|------------------------------|-----------|-------------|---------------|
| PRO-10-CD    | CO <sub>2</sub>              | 10 kg     | 144 B       | 1092Ac/01     |
| PRO-20-CD    | CO <sub>2</sub>              | 20 kg     | 183 B       | 1092Ac/02     |
| PRO-30-CD    | CO <sub>2</sub>              | 30 kg     | 183 B       | 1092Ac/03     |
| PRO-50-MF    | Foam (Stored Pressure)       | 50 litre  | IV B        | 1092Ac/04     |
| PRO-100-MF   | Foam (Stored Pressure)       | 100 litre | IV B        | 1092Ac/05     |
| PRO-25-MDC   | ABC Powder (Stored Pressure) | 25 kg     | II B        | 1092Ac/06     |
| PRO-50-MDC   | ABC Powder (Stored Pressure) | 50 kg     | IV B        | 1092Ac/07     |
| PRO-100-MDC  | ABC Powder (Stored Pressure) | 100 kg    | IV B        | 1092Ac/08     |

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Certificate No: 1092Oc to EN 1866-1:2007

**'BRISTOL' Mobile Fire Extinguishers**

| Product Name | Type                            | Capacity  | Fire Rating | LPCB Ref. No. |
|--------------|---------------------------------|-----------|-------------|---------------|
| CD10L        | CO <sub>2</sub>                 | 10 kg     | 144 B       | 1092Oc/01     |
| CD20L        | CO <sub>2</sub>                 | 20 kg     | 183 B       | 1092Oc/02     |
| CD30L        | CO <sub>2</sub>                 | 30 kg     | 183 B       | 1092Oc/03     |
| MFE50L       | Foam<br>(Stored Pressure)       | 50 litre  | IV B        | 1092Oc/04     |
| MFE100L      | Foam<br>(Stored Pressure)       | 100 litre | IV B        | 1092Oc/05     |
| BFE25L       | ABC Powder<br>(Stored Pressure) | 25 kg     | II B        | 1092Oc/06     |
| BFE50L       | ABC Powder<br>(Stored Pressure) | 50 kg     | IV B        | 1092Oc/07     |
| BFE100L      | ABC Powder<br>(Stored Pressure) | 100 kg    | IV B        | 1092Oc/08     |

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Certificate No: 1329i to EN 1866-1:2007, EN 1866-2:2014 & EN 1866-3:2013

## PART 2: SECTION 6

### MOBILE FIRE EXTINGUISHERS

#### 'CEASEFIRE' Mobile Fire Extinguishers

| Product Name | Type                               | Capacity  | Fire Rating | LPCB Ref. No. |
|--------------|------------------------------------|-----------|-------------|---------------|
| CF-000740    | CO <sub>2</sub>                    | 20 kg     | 113 B       | 1329i/20      |
| CF-000754    | Foam (Cartridge Operated)          | 50 litre  | IV B        | 1329i/21      |
| CF-001019    | Foam (Cartridge Operated)          | 50 litre  | IV B        | 1329i/22      |
| CF-000747    | Foam (Stored Pressure)             | 25 Litre  | IV B        | 1329i/01      |
| CF-000748    | Foam (Stored Pressure)             | 50 Litre  | IV B        | 1329i/02      |
| CF-000753    | Foam (Stored Pressure)             | 50 litre  | IV B        | 1329i/23      |
| CF-001018    | Foam (Stored Pressure)             | 50 Litre  | IV B        | 1329i/03      |
| CF-000749    | Foam (Stored Pressure)             | 100 Litre | IV B        | 1329i/04      |
| CF-001020    | Foam (Stored Pressure)             | 100 litre | IV B        | 1329i/24      |
| CF-001021    | Foam (Stored Pressure)             | 100 Litre | IV B        | 1329i/05      |
| CF-001022    | Foam (Stored Pressure)             | 135 litre | IV B        | 1329i/25      |
| CF-000744    | Foam Mist (Stored Pressure)        | 25 Litre  | IV B        | 1329i/06      |
| CF-000750    | Foam Mist (Stored Pressure)        | 25 Litre  | I B         | 1329i/07      |
| CF-000745    | Foam Mist (Stored Pressure)        | 50 Litre  | IV B        | 1329i/08      |
| CF-000751    | Foam Mist (Stored Pressure)        | 50 Litre  | IV B        | 1329i/09      |
| CF-000746    | Foam Mist (Stored Pressure)        | 100 Litre | IV B        | 1329i/10      |
| CF-000752    | Foam Mist (Stored Pressure)        | 100 Litre | IV B        | 1329i/11      |
| CF-000811    | ABC 50 Powder (Cartridge Operated) | 25 kg     | II B        | 1329i/26      |
| CF-000812    | ABC 50 Powder (Cartridge Operated) | 50 kg     | IV B        | 1329i/27      |
| CF-000808    | ABC 50 Powder (Stored Pressure)    | 25 kg     | IV B        | 1329i/12      |
| CF-000809    | ABC 50 Powder (Stored Pressure)    | 50 kg     | IV B        | 1329i/13      |
| CF-000810    | ABC 50 Powder (Stored Pressure)    | 100 kg    | IV B        | 1329i/14      |
| CF-000756    | Water (Cartridge Operated)         | 50 litre  | -           | 1329i/28      |
| CF-001032    | Water (Cartridge Operated)         | 50 litre  | -           | 1329i/29      |
| CF-000755    | Water (Stored Pressure)            | 50 litre  | -           | 1329i/30      |
| CF-001031    | Water (Stored Pressure)            | 50 litre  | -           | 1329i/15      |
| CF-000886    | Water (Stored Pressure)            | 100 litre | -           | 1329i/31      |
| CF-001033    | Water (Stored Pressure)            | 100 litre | -           | 1329i/16      |
| CF-000973    | Water (Stored Pressure)            | 135 litre | -           | 1329i/32      |
| CF-000741    | Water Mist (Stored Pressure)       | 25 litre  | -           | 1329i/17      |
| CF-000742    | Water Mist (Stored Pressure)       | 50 litre  | -           | 1329i/18      |
| CF-000743    | Water Mist (Stored Pressure)       | 100 litre | -           | 1329i/19      |

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Certificate No: 1329Ai to EN 1866-1:2007, EN 1866-2:2014 & EN 1866-3:2013

#### 'CEASEFIRE' & 'SECUREZONE' Mobile Fire Extinguishers

| Product Name | Type                           | Capacity  | Fire Rating | LPCB Ref. No. |
|--------------|--------------------------------|-----------|-------------|---------------|
| 000740       | CO <sub>2</sub>                | 20 kg     | 113 B       | 1329Ai/20     |
| 000754       | Foam<br>(Cartridge Operated)   | 50 litre  | IV B        | 1329Ai/21     |
| 001019       | Foam<br>(Cartridge Operated)   | 50 litre  | IV B        | 1329Ai/22     |
| 000747       | Foam<br>(Stored Pressure)      | 25 litre  | IV B        | 1329Ai/01     |
| 000748       | Foam<br>(Stored Pressure)      | 50 litre  | IV B        | 1329Ai/02     |
| 000753       | Foam<br>(Stored Pressure)      | 50 litre  | IV B        | 1329Ai/23     |
| 001018       | Foam<br>(Stored Pressure)      | 50 litre  | IV B        | 1329Ai/03     |
| 000749       | Foam<br>(Stored Pressure)      | 100 litre | IV B        | 1329Ai/04     |
| 001020       | Foam<br>(Stored Pressure)      | 100 litre | IV B        | 1329Ai/24     |
| 001021       | Foam<br>(Stored Pressure)      | 100 litre | IV B        | 1329Ai/05     |
| 001022       | Foam<br>(Stored Pressure)      | 135 litre | IV B        | 1329Ai/25     |
| 000744       | Foam Mist<br>(Stored Pressure) | 25 litre  | IV B        | 1329Ai/06     |

**PART 2: SECTION 6**  
MOBILE FIRE EXTINGUISHERS

| Product Name | Type                                  | Capacity  | Fire Rating | LPCB Ref. No. |
|--------------|---------------------------------------|-----------|-------------|---------------|
| 000750       | Foam Mist<br>(Stored Pressure)        | 25 litre  | I B         | 1329Ai/07     |
| 000745       | Foam Mist<br>(Stored Pressure)        | 50 litre  | IV B        | 1329Ai/08     |
| 000751       | Foam Mist<br>(Stored Pressure)        | 50 litre  | IV B        | 1329Ai/09     |
| 000746       | Foam Mist<br>(Stored Pressure)        | 100 litre | IV B        | 1329Ai/10     |
| 000752       | Foam Mist<br>(Stored Pressure)        | 100 litre | IV B        | 1329Ai/11     |
| 000811       | ABC 50 Powder<br>(Cartridge Operated) | 25 kg     | II B        | 1329Ai/26     |
| 000812       | ABC 50 Powder<br>(Cartridge Operated) | 50 kg     | IV B        | 1329Ai/27     |
| 000808       | ABC 50 Powder<br>(Stored Pressure)    | 25 kg     | IV B        | 1329Ai/12     |
| 000809       | ABC 50 Powder<br>(Stored Pressure)    | 50 kg     | IV B        | 1329Ai/13     |
| 000810       | ABC 50 Powder<br>(Stored Pressure)    | 100 kg    | IV B        | 1329Ai/14     |
| 000756       | Water<br>(Cartridge Operated)         | 50 litre  | -           | 1329Ai/28     |
| 001032       | Water<br>(Cartridge Operated)         | 50 litre  | -           | 1329Ai/29     |
| 000755       | Water<br>(Stored Pressure)            | 50 litre  | -           | 1329Ai/30     |
| 001031       | Water<br>(Stored Pressure)            | 50 litre  | -           | 1329Ai/15     |
| 000886       | Water<br>(Stored Pressure)            | 100 litre | -           | 1329Ai/31     |
| 001033       | Water<br>(Stored Pressure)            | 100 litre | -           | 1329Ai/16     |
| 000973       | Water<br>(Stored Pressure)            | 135 litre | -           | 1329Ai/32     |
| 000741       | Water Mist<br>(Stored Pressure)       | 25 litre  | -           | 1329Ai/17     |
| 000742       | Water Mist<br>(Stored Pressure)       | 50 litre  | -           | 1329Ai/18     |
| 000743       | Water Mist<br>(Stored Pressure)       | 100 litre | -           | 1329Ai/19     |

**COFFCO**

PO Box 5, Pincode - 678002, India  
 Tel: +914912908940 • Fax: +914912554695  
 E-mail: coffcoindia@gmail.com • Website: www.coffcofire.com

Certificate No: 1092Hc to EN 1866-1

**COFFCO Mobile Fire Extinguishers**

| Product Name | Type                            | Capacity  | Fire Rating | LPCB Ref. No. |
|--------------|---------------------------------|-----------|-------------|---------------|
| CFCO10       | CO <sub>2</sub>                 | 10 kg     | 144 B       | 1092Hc/01     |
| CFCO20       | CO <sub>2</sub>                 | 20 kg     | 183 B       | 1092Hc/02     |
| CFCO30       | CO <sub>2</sub>                 | 30 kg     | 183 B       | 1092Hc/03     |
| CFF50        | Foam<br>(Stored Pressure)       | 50 litre  | IV B        | 1092Hc/04     |
| CFF100       | Foam<br>(Stored Pressure)       | 100 litre | IV B        | 1092Hc/05     |
| CFDP25       | ABC Powder<br>(Stored Pressure) | 25 kg     | II B        | 1092Hc/06     |
| CFDP50       | ABC Powder<br>(Stored Pressure) | 50 kg     | IV B        | 1092Hc/07     |
| CFDP100      | ABC Powder<br>(Stored Pressure) | 100 kg    | IV B        | 1092Hc/08     |

## **PART 2: SECTION 6**

### **MOBILE FIRE EXTINGUISHERS**

#### **EMACO GLOBAL LLC**

3118 Beckett Way, Lakeland FL 33810, USA

Tel: +1 (516) 288-8935

E-mail: [info@emacoglobal.com](mailto:info@emacoglobal.com) • Website: [www.emacoglobal.com](http://www.emacoglobal.com)

Certificate No: 1092Kc to EN 1866-1:2007

#### **'EMACO' Mobile Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b>                     | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|---------------------------------|-----------------|--------------------|----------------------|
| E0803-CD10          | CO <sub>2</sub>                 | 10 kg           | 144 B              | 1092Kc/01            |
| E0803-CD20          | CO <sub>2</sub>                 | 20 kg           | 183 B              | 1092Kc/02            |
| E0803-CD30          | CO <sub>2</sub>                 | 30 kg           | 183 B              | 1092Kc/03            |
| E0804-FM50          | Foam                            | 50 litre        | IV B               | 1092Kc/04            |
| E0804-FM100         | (Stored Pressure)<br>Foam       | 100 litre       | IV B               | 1092Kc/05            |
| E0801-PD25          | (Stored Pressure)<br>ABC Powder | 25 kg           | II B               | 1092Kc/06            |
| E0801-PD50          | (Stored Pressure)<br>ABC Powder | 50 kg           | IV B               | 1092Kc/07            |
| E0801-PD100         | (Stored Pressure)<br>ABC Powder | 100 kg          | IV B               | 1092Kc/08            |

#### **EUROFEU**

12 Rue Albert Remy, Senonches 28250, France

Tel: +33 82090 1818 • Fax: +33 23737 9196

Website: [www.eurofeu.fr](http://www.eurofeu.fr)

Certificate No: 1092Jc to EN 1866-1:2007

#### **'eurofeu' Mobile Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b>                  | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|------------------------------|-----------------|--------------------|----------------------|
| GT010 CO2           | CO <sub>2</sub>              | 10 kg           | 144 B              | 1092Jc/01            |
| GT020 CO2           | CO <sub>2</sub>              | 20 kg           | 183 B              | 1092Jc/02            |
| GT030 CO2           | CO <sub>2</sub>              | 30 kg           | 183 B              | 1092Jc/03            |
| GT050 EPA           | Foam (Stored Pressure)       | 50 litre        | IV B               | 1092Jc/04            |
| GT0100 EPA          | Foam (Stored Pressure)       | 100 litre       | IV B               | 1092Jc/05            |
| GT025 ABC           | ABC Powder (Stored Pressure) | 25 kg           | II B               | 1092Jc/06            |
| GT050 ABC           | ABC Powder (Stored Pressure) | 50 kg           | IV B               | 1092Jc/07            |
| GT0100 ABC          | ABC Powder (Stored Pressure) | 100 kg          | IV B               | 1092Jc/08            |

#### **Fire King Security and Safety Equipment**

Al Juwais Main Road, Ras Al Khaimah, , United Arab Emirates

Tel: +971 7 2437050

E-mail: [info@fireking.ae](mailto:info@fireking.ae) • Website: [www.fireking.ae](http://www.fireking.ae)

Certificate No: 1092Mc to EN 1866-1:2007

#### **'FIREKING' Mobile Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b>       | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-------------------|-----------------|--------------------|----------------------|
| FKCD10              | CO <sub>2</sub>   | 10 kg           | 144 B              | 1092Mc/01            |
| FKCD20              | CO <sub>2</sub>   | 20 kg           | 183 B              | 1092Mc/02            |
| FKCD30              | CO <sub>2</sub>   | 30 kg           | 183 B              | 1092Mc/03            |
| FKFM50              | Foam              | 50 litre        | IV B               | 1092Mc/04            |
|                     | (Stored Pressure) |                 |                    |                      |

**PART 2: SECTION 6**  
MOBILE FIRE EXTINGUISHERS

| Product Name | Type                            | Capacity  | Fire Rating | LPCB Ref. No. |
|--------------|---------------------------------|-----------|-------------|---------------|
| FKFM100      | Foam<br>(Stored Pressure)       | 100 litre | IV B        | 1092Mc/05     |
| FKPD25       | ABC Powder<br>(Stored Pressure) | 25 kg     | II B        | 1092Mc/06     |
| FKPD50       | ABC Powder<br>(Stored Pressure) | 50 kg     | IV B        | 1092Mc/07     |
| FKPD100      | ABC Powder<br>(Stored Pressure) | 100 kg    | IV B        | 1092Mc/08     |

**Lingjack Engineering Works PTE Ltd**

No. 1 Woodlands Terrace, #03-01 Lingjack Industrial Building 738471, Singapore

Tel: +65 6759 4163 • Fax: +65 6758 7513

E-mail: [combat@lingjack.com](mailto:combat@lingjack.com) • Website: [www.combat.com.sg](http://www.combat.com.sg)

Certificate No: 501f to EN 1866-1

**Mobile fire extinguishers**

| Product Name | Type                                    | Capacity  | Fire Rating | LPCB Ref. No. |
|--------------|---|-----------|-------------|---------------|
| C-20C        | CO <sub>2</sub>                         | 20 kg     | 89 B        | 501f/01       |
| C-30C        | CO <sub>2</sub>                         | 30 kg     | 113 B       | 501f/02       |
| C-50FTC      | Foam<br>(Cartridge Operated)            | 50 litre  | IV B        | 501f/03       |
| C-100FTC     | Foam<br>(Cartridge Operated)            | 100 litre | IV B        | 501f/04       |
| C-135FTC     | Foam<br>(Cartridge Operated)            | 135 litre | IV B        | 501f/05       |
| C-25FTP      | Foam<br>(Stored Pressure)               | 25 litre  | II B        | 501f/06       |
| C-50FTP      | Foam<br>(Stored Pressure)               | 50 litre  | II B        | 501f/07       |
| C-50ATC      | ABC Powder<br>(Cartridge Operated)      | 50 kg     | IV B        | 501f/08       |
| C-100ATC     | ABC Powder<br>(Cartridge Operated)      | 100 kg    | IV B        | 501f/09       |
| C-150ATC     | ABC Powder<br>(Cartridge Operated)      | 150 kg    | IV B        | 501f/10       |
| C-25ATP      | ABC Powder<br>(Stored Pressure)         | 25 kg     | II B        | 501f/11       |
| C-50ATP      | ABC Powder<br>(Stored Pressure)         | 50 kg     | II B        | 501f/12       |
| C-50PTC      | Purple K Powder<br>(Cartridge Operated) | 50 kg     | IV B        | 501f/13       |
| C-100PTC     | Purple K Powder<br>(Cartridge Operated) | 100 kg    | IV B        | 501f/14       |
| C-150PTC     | Purple K Powder<br>(Cartridge Operated) | 150 kg    | IV B        | 501f/15       |
| C-25PTP      | Purple K Powder<br>(Stored Pressure)    | 25 kg     | II B        | 501f/16       |
| C-50PTP      | Purple K Powder<br>(Stored Pressure)    | 50 kg     | II B        | 501f/17       |
| C-25MTC      | Monnex Powder<br>(Cartridge Operated)   | 25 kg     | III B       | 501f/18       |
| C-50MTC      | Monnex Powder<br>(Cartridge Operated)   | 50 kg     | III B       | 501f/19       |
| C-100MTC     | Monnex Powder<br>(Cartridge Operated)   | 100 kg    | III B       | 501f/20       |

Certificate No: 501g to Technical Approval based upon EN 1866-1

**Mobile fire extinguishers**

| Product Name | Type                               | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|------------------------------------|----------|-------------|---------------|
| C-75ATC      | ABC Powder<br>(Cartridge operated) | 75 kg    | IVB         | 501g/02       |

## **PART 2: SECTION 6**

### **MOBILE FIRE EXTINGUISHERS**

| <b>Product Name</b> | <b>Type</b>                             | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|---|-----------------|--------------------|----------------------|
| C-75PTC             | Purple K Powder<br>(Cartridge operated) | 75 kg           | IVB                | 501g/03              |

#### **NAFFCO FZ Co**

PO Box 17014, Jebel Ali, Dubai, United Arab Emirates

Tel: +971 4815111 • Fax: +971 48151222

E-mail: [natfire@emirates.net.ae](mailto:natfire@emirates.net.ae) • Website: [www.naffco.com](http://www.naffco.com)

Certificate No: 463m to EN 1866-1

#### **Mobile Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b>     | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| NTFC50X             | AFFF foam (GC)  | 50 litre        | IV B               | 463m/01              |
| NTFC100X            | AFFF foam (GC)  | 100 litre       | IV B               | 463m/02              |
| NTFC135X            | AFFF foam (GC)  | 135 litre       | IV B               | 463m/03              |
| NTP25               | ABC Powder (SP) | 25 kg           | II B               | 463m/07              |
| NTP50               | ABC Powder(SP)  | 50 kg           | IV B               | 463m/08              |
| NTP100              | ABC Powder (SP) | 100 kg          | IV B               | 463m/09              |

#### **SensorTech Firefighting and Safety Equipment Trading**

P.O.Box 231728, Office No. 506, Al Saud Building, Al Qusais – 4, Dubai, United Arab Emirates

Tel: +971 422 323 31 • Fax: +971 422 323 40

E-mail: [info@sensortechuae.com](mailto:info@sensortechuae.com) • Website: [www.sensortechuae.com](http://www.sensortechuae.com)

Certificate No: 1092Lc to EN 1866-1:2007

#### **'WETPLUG' Mobile Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b>                     | <b>Capacity</b> | <b>Fire Rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|---------------------------------|-----------------|--------------------|----------------------|
| WMC10               | CO <sub>2</sub>                 | 10 kg           | 144 B              | 1092Lc/01            |
| WMC20               | CO <sub>2</sub>                 | 20 kg           | 183 B              | 1092Lc/02            |
| WMC30               | CO <sub>2</sub>                 | 30 kg           | 183 B              | 1092Lc/03            |
| WMF50               | Foam                            | 50 litre        | IV B               | 1092Lc/04            |
| WMF100              | (Stored Pressure)<br>Foam       | 100 litre       | IV B               | 1092Lc/05            |
| WMP25               | (Stored Pressure)<br>ABC Powder | 25 kg           | II B               | 1092Lc/06            |
| WMP50               | (Stored Pressure)<br>ABC Powder | 50 kg           | IV B               | 1092Lc/07            |
| WMP100              | (Stored Pressure)<br>ABC Powder | 100 kg          | IV B               | 1092Lc/08            |

#### **Sentura Group Ltd. (including Fire Depot and Firechief Global)**

Sentura House, 3 Lands End Way, Oakham, Rutland LE15 6RB, United Kingdom

Tel: +44 (0)330 999 22 33 • Fax: +44 (0)1572 770133

E-mail: [sales@firedepot.co.uk](mailto:sales@firedepot.co.uk) • Website: [www.firedepot.co.uk](http://www.firedepot.co.uk)

Certificate No: 1093c to EN 1866-1

#### **FIRECHIEF XTR Mobile Fire Extinguishers**

| <b>Product Name</b> | <b>Type</b> | <b>Capacity</b> | <b>Fire rating</b> | <b>LPCB Ref. No.</b> |
|---------------------|-------------|-----------------|--------------------|----------------------|
| FXF50               | Foam (SP)   | 50 litre        | IV B               | 1093c/04             |
| FXF100              | Foam (SP)   | 100 litre       | IV B               | 1093c/05             |



**PART 2: SECTION 6**  
MOBILE FIRE EXTINGUISHERS

| Product Name | Type            | Capacity | Fire rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| FXP25        | ABC Powder (SP) | 25 kg    | II B        | 1093c/06      |
| FXP50        | ABC Powder (SP) | 50 kg    | IV B        | 1093c/07      |
| FXP100       | ABC Powder (SP) | 100 kg   | IV B        | 1093c/08      |

**Yuyao Tianbo Fire Fighting Equipment Co., Ltd.**

Baishuicong Industrial Park, Lianglong Town, Yuyao City, Zhejiang, China  
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E-mail: export@yytianbo.cn • Website: www.yytianbo.cn

Certificate No: 1092c to EN 1866-1:2007

**Mobile Fire Extinguishers**

| Product Name | Type                              | Capacity  | Fire rating | LPCB Ref. No. |
|--------------|-----------------------------------|-----------|-------------|---------------|
| TMCD10       | CO <sub>2</sub> (Stored Pressure) | 10 kg     | 144 B       | 1092c/01      |
| TMCD20       | CO <sub>2</sub> (Stored Pressure) | 20 kg     | 183 B       | 1092c/02      |
| TMCD30       | CO <sub>2</sub> (Stored Pressure) | 30 kg     | 183 B       | 1092c/03      |
| TMFM50       | Foam (Stored Pressure)            | 50 litre  | IV B        | 1092c/04      |
| TMFM100      | Foam (Stored Pressure)            | 100 litre | IV B        | 1092c/05      |
| TMPD25       | ABC Powder (Stored Pressure)      | 25 kg     | II B        | 1092c/06      |
| TMPD50       | ABC Powder (Stored Pressure)      | 50 kg     | IV B        | 1092c/07      |
| TMPD100      | ABC Powder (Stored Pressure)      | 100 kg    | IV B        | 1092c/08      |

**Zhejiang Ruihua Machinery Co. Ltd**

No. 1 Fengqixi Road, Western Industrial Zone, Linshan Town, Yuyao, Zhejiang 315460, China  
Tel: 0086 1350 578 4280 • Fax: 0086 574 6200 3570  
E-mail: jingxingli@ruihuafire.com

Certificate No: 867c to EN 1866-1

**Mobile fire extinguishers**

| Product Name | Type                            | Capacity | Fire rating | LPCB Ref. No. |
|--------------|---------------------------------|----------|-------------|---------------|
| P25TG        | ABC Powder<br>(Stored Pressure) | 25 kg    | II B        | 867c/01       |
| P50TG        | ABC Powder<br>(Stored Pressure) | 50 kg    | IV B        | 867c/02       |

## **PART 2: SECTION 7**

### HAND-HELD BRANCHPIPES

Hand-held branchpipes are intended for fire service use with water only as the extinguishing media. The hand-held branchpipes have a combination of components that connect to a water supply via a hose and coupling and projects water according to the operators requirements. A hand-held branchpipe is comprised of at least the following components: fitting system; gripping device; open and shut-off device, one or more jet/spray system(s) and a flow adjustment system (if applicable).

Branchpipes are defined in accordance with EN 15182-1 Annex A and using the spray types defined by Annex C.



#### **Key**

- 1 hollow cone spray
- 2 full cone spray
- 3 hollow/full cone spray alternatively
- 4 hollow cone spray combined with narrow spray jet
- 5 hollow cone spray combined with full jet

The hand-held branchpipes shall be used in accordance with the manufacturer's instructions for use and maintenance.

#### **This section lists products approved in accordance with:**

- EN 15182-1 - Common requirements
- EN 15182-2 - Combination branchpipes PN16
- EN 15182-3 - Smooth bore jet and/or one fixed spray jet angle branchpipes PN16
- EN 15182-4 - High pressure branchpipes PN40

#### **Exceptions:**

The standards do not apply to branchpipes covered by EN 671, foam branchpipes, powder branchpipes or branchpipes with a maximum working pressure above 40 bar.

#### **Note:**

Branchpipes covered by EN 15182-3 offer no or inadequate protection for firefighters when the spray angle is less than 30° and therefore, should not be used in high risk firefighting situations such as internal attack. They should also not be used when fighting fire in or near electrical installations when the spray angle is less than 30° without written authorisation from the manufacturer in the manual. This authorisation from the manufacturer should include safety distances.

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### **Advanced Systems Company Ltd**

Office 1301 Capricorn Tower, Sheik Zayed Road, Trade Center Second, Dubai, United Arab Emirates

*E-mail: sales@adsystems.info • Website: www.adsystems.info*

**Certificate No: 1153Qc to EN 15182-1:2019 and EN 15182-3:2019**

**'ADVANCED SYSTEMS' Hand-Held Branchpipes**

| Product Name | Description   | LPCB Ref. No. |
|--------------|---|---------------|
| AD-250       | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, 2½" BSP threaded male inlet, hand-held branchpipe | 1153Qc/07     |

**Demac Steel Eg**

12B, Mohamed Kamel Al-Harouny, Ahmed Fakhry, Nasr City, Cairo, Egypt

Tel: +20 1114370431

E-mail: [info@demacsteeleg.com](mailto:info@demacsteeleg.com) • Website: [www.demaceg.com](http://www.demaceg.com)

Certificate No: 1153Tc to EN 15182-1:2019 and EN 15182-3:2019

**'ESSIN' Hand-Held Branchpipes**

| Product Name | Description  | LPCB Ref. No. |
|--------------|--|---------------|
| ESS07-127E   | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, BS336 male inlet, hand-held branchpipe | 1153Tc/06     |

**Fireguard Global Ltd.**

Unit 11 Chancel Industrial Estate, Newhall Street, Willenhall, West Midlands WV13 1NX, United Kingdom

Tel: +44 (0)8450 751042 • Fax: +44 (0)845 2991039

E-mail: [info@fireguard-uk.com](mailto:info@fireguard-uk.com) • Website: [www.fireguard-uk.com](http://www.fireguard-uk.com)

Certificate No: 1153Oc to EN 15182-1:2019 and EN 15182-3:2019

**'FIREGUARD' Hand-Held Branchpipes**

| Product Name | Description  | LPCB Ref. No. |
|--------------|--|---------------|
| FG07-131C-00 | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, BS336 male inlet, hand-held branchpipe | 1153Oc/03     |
| FG07-131B-00 | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, BS336 male inlet, hand-held branchpipe | 1153Oc/06     |

**Gulf Fire Fighting Equipments FZE**

Plot No: S3118, Jebel Ali Free Zone, Dubai, United Arab Emirates

Tel: +971 48807127

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Certificate No: 1153Wc to EN 15182-1:2019 and EN 15182-3:2019

**Hand-Held Branchpipes**

| Product Name | Description  | LPCB Ref. No. |
|--------------|--|---------------|
| GF-HHBP-65   | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, BS336 male inlet, hand-held branchpipe | 1153Wc/06     |

## **PART 2: SECTION 7**

### **HAND-HELD BRANCHPIPES**

#### **Melton Egypt**

Block 20003, 3rd Plot, El Obour, Industrial Zone, Cairo, Egypt

Tel: +202 4489 2078 • Fax: +202 4489 2078

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Certificate No: 1153Mc to EN 15182-1:2019 and EN 15182-3:2019

#### **'Melton' Hand-Held Branchpipes**

| <b>Product Name</b> | <b>Description</b>   | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------|
| MT-65A              | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, BS336 male inlet, hand-held branchpipe | 1153Mc/03            |
| MT-65AP             | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, BS336 male inlet, hand-held branchpipe | 1153Mc/06            |

#### **MOBIAK S.A.**

96-98 M. Mpotsari St, Chania, Crete 73136, Greece

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Certificate No: 1153Ac to EN 15182-1:2019 and EN 15182-3:2019

#### **'MOBIAK' Hand-Held Branchpipes**

| <b>Product Name</b> | <b>Description</b>   | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------|
| MBK07-108C-00       | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, 2 BSP threaded male inlet, hand-held branchpipe      | 1153Ac/01            |
| MBK07-108A-00       | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, M56 x 4 threaded female inlet, hand-held branchpipe  | 1153Ac/02            |
| MBK07-127F-00       | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, BS336 male inlet, hand-held branchpipe               | 1153Ac/03            |
| MBK07-108D-00       | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, 2 BSP threaded male inlet, hand-held branchpipe      | 1153Ac/04            |
| MBK07-108B-00       | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, M56 x 4 threaded female inlet, hand-held branchpipe  | 1153Ac/05            |
| MBK07-127E-00       | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, BS336 male inlet, hand-held branchpipe               | 1153Ac/06            |
| MBK07-107C-00       | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, 2½" BSP threaded male inlet, hand-held branchpipe    | 1153Ac/07            |
| MBK07-107A-00       | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, M85*6*6H threaded female inlet, hand-held branchpipe | 1153Ac/08            |
| MBK07-107D-00       | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, 2½" BSP threaded male inlet, hand-held branchpipe    | 1153Ac/09            |
| MBK07-107B-00       | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, M85*6*6H threaded female inlet, hand-held branchpipe | 1153Ac/10            |

**MORX Fire Fighting Solutions**

Plot 231, Hamada Imam St, 2nd Industrial Zone, 6th of October City, Giza, Egypt

Tel: +202 35 40 2784 • Fax: +202 35 40 2784

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Certificate No: 1153Nc to EN 15182-1:2019 and EN 15182-3:2019

**'MORX' Hand-Held Branchpipes**

| Product Name | Description  | LPCB Ref. No. |
|--------------|--|---------------|
| MXN-01-A65   | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, BS336 male inlet, hand-held branchpipe | 1153Nc/03     |
| MXN-02-P65   | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, BS336 male inlet, hand-held branchpipe | 1153Nc/06     |

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Certificate No: 463t to EN 15182-1:2019 and EN 15182-3:2019

**'NAFFCO' Hand-Held Branchpipes**

| Product Name | Description  | LPCB Ref. No. |
|--------------|--|---------------|
| NF-FP330     | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, BS336 male inlet, hand-held branchpipe | 463t/01       |

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Certificate No: 1153c to EN 15182-1:2019 and EN 15182-3:2019

**'JINTIAN FIRE' Hand-Held Branchpipes**

| Product Name | Description   | LPCB Ref. No. |
|--------------|---|---------------|
| KX07-108C-00 | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, 2 BSP threaded male inlet, hand-held branchpipe     | 1153c/01      |
| KX07-108A-00 | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, M56 x 4 threaded female inlet, hand-held branchpipe | 1153c/02      |
| KX07-127F-00 | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, BS336 male inlet, hand-held branchpipe              | 1153c/03      |
| KX07-108D-00 | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, 2 BSP threaded male inlet, hand-held branchpipe     | 1153c/04      |
| KX07-108B-00 | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, M56 x 4 threaded female inlet, hand-held branchpipe | 1153c/05      |

## **PART 2: SECTION 7**

### **HAND-HELD BRANCHPIPES**

| <b>Product Name</b> | <b>Description</b>   | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------|
| KX07-127E-00        | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, BS336 male inlet, hand-held branchpipe               | 1153c/06             |
| KX07-107C-00        | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, 2½" BSP threaded male inlet, hand-held branchpipe    | 1153c/07             |
| KX07-107A-00        | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, M85*6*6H threaded female inlet, hand-held branchpipe | 1153c/08             |
| KX07-107D-00        | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, 2½" BSP threaded male inlet, hand-held branchpipe    | 1153c/09             |
| KX07-107B-00        | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, M85*6*6H threaded female inlet, hand-held branchpipe | 1153c/10             |

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Certificate No: 1153Sc to EN 15182-1:2019 and EN 15182-3:2019

#### **'SHETER' Hand-Held Branchpipes**

| <b>Product Name</b> | <b>Description</b>   | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------|
| SHBP-405            | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, BS336 male inlet, hand-held branchpipe | 1153Sc/03            |

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Certificate No: 1153Vc to EN 15182-1:2019 and EN 15182-3:2019

#### **'SKY' Hand-Held Branchpipes**

| <b>Product Name</b> | <b>Description</b>   | <b>LPCB Ref. No.</b> |
|---------------------|--|----------------------|
| SKYEG-16A           | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, BS336 male inlet, hand-held branchpipe | 1153Vc/03            |
| SKYEG-16P           | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, BS336 male inlet, hand-held branchpipe | 1153Vc/06            |