
LPCB Red Book



1

Part: 2

Manual fire extinguishing equipment

bre

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 or via apps from Apple, Google and Windows.

BRE Global Ltd is also a Notified Certification Body and Notified Test Laboratory for:-

- Construction Products Regulation
- Pressure Equipment Directive
- Marine Equipment Directive
- Transport Pressure Equipment Directive

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 and also via an App that is available free from Apple iStore (for iPhone and iPad), from Google Play, (for Android phones and tablets) and Windows Store (for Windows 8 phones).

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 or download from the App from the website home page.



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.

VOLUME 1 LIST OF APPROVED PRODUCTS AND SERVICES

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.

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)

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
- Hose reels
- Blankets
- Hydrant systems
- Wet landing valves
- Dry landing valves
- Inlet breechings
- Semi rigid hoses
- Lay flat hoses
- Boxes for dry riser inlets
- Pillar fire hydrants
- Mobile fire extinguishers

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.

Contractors

- Portable fire extinguisher service and maintenance contractors

Contractors are approved in accordance with BS 5306. Further details are given in section 2.

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.

Generally the test standards used by the LPCB for certification of portable fire extinguishers are:

| |
|---|
| EN 3 - Part 7 + A1:2007 - <i>Characteristics, performance requirements and test methods</i> |
| EN 3 - Part 8 - <i>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</i> |
| EN 3 - Part 9 - <i>Additional requirements to EN 3-7 for pressure resistance of CO₂ extinguishers</i> |
| EN 3 - Part 10 - <i>Provisions for evaluating the conformity of a portable fire extinguisher to EN 3-7</i> |
| BS 7867 - <i>Specification for portable fire extinguishers for use in aircraft</i> |
| BS 6165 : <i>Specification for small disposable fire extinguishers of the aerosol type</i> |

Notes re changes to standards:

EN 3 Parts 1, 2, 4 and 5 were replaced by the publication of EN 3 - 7:2004 + A1:2007. - *Characteristics, performance requirements and test methods.*
 EN 3 Part 3 was replaced by publication of EN 3 Parts 8 and 9.
 EN 3 Part 6 was replaced by publication of EN 3 Part 10
 BS 7937 - Specification for portable fire extinguishers for use on cooking oil fires (class F) was replaced by publication of EN 3-7:2004 + A1:2007.

Abbreviations used for LPCB listing of portable fire extinguishers

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

| | |
|--------------------------------|--|
| Extinguishing Agent | |
| W - Water | WB - Water based (water plus additive) |
| ABC or BC - Dry Powder | CO ₂ - Carbon Dioxide |
| CA - Clean Agent | WC - Wet Chemical |
| Method of Actuation | |
| SP - Stored pressure actuation | GC - Gas cartridge actuation |
| Units or "Capacity" | |
| kg - kilogram | l - litre |

PART 2: SECTION 1

PORTABLE FIRE EXTINGUISHERS

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:

| | |
|------------------|--|
| 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. |
| Class C : | for fires involving gases. |
| Class D : | for fires involving metals for example magnesium, sodium, cadmium, manganese. |
| Class F : | for use on cooking oil fires. |

Colour Coding

EN 3-Part 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 7863: *Recommendations for Colour coding to indicate the extinguishing medium contained in portable fire extinguishers*, was published to provide a consistent approach where colour coding is used.

CE MARKING

As described earlier CE Marking should be affixed to portable fire extinguishers under the Pressure Equipment Directive (PED). The CE Mark (in this instance) indicates that the fire extinguisher meets certain pressure safety requirements and has been assessed by a Notified Body (such as LPCB). Please see cautionary information at the start of this section.

Marine Equipment Directive

The Marine Equipment Directive (MED) was adopted into UK Law and became mandatory on the 5 August 1999. The MED covers any ship (or lifeboat) flying a flag of an EEA member state. The MED covers a vast array of equipment, covering all aspects of a ship's safety, including portable fire extinguishers. Conformity assessment is through a Notified Body, such as LPCB, and the compliance mark is the Wheel-mark.

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

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|--------------|-------------------|----------|--------------|---------------|
| PRO-2-CD-AL | CO ₂ | 2 kg | 34B | 1092Aa/30 |
| PRO-2-CD | CO ₂ | 2 kg | 34B | 1092Aa/31 |
| PRO-5-CD-AL | CO ₂ | 5 kg | 70B | 1092Aa/32 |
| PRO-5-CD | CO ₂ | 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 | 1093Aa/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: 1193a to EN3 part 7

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| P50F | Foam (SP) | 6 litre | 27A/183B | 1193a/01 |
| P50P | ABC Powder (SP) | 6 kg | 34A/183B | 1193a/02 |

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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 ₂ | 2 kg | 34B | 1329b/32 |
| CF-000702 | CO ₂ | 2 kg | 34B | 1329b/33 |
| CF-000701 | CO ₂ | 5 kg | 70B | 1329b/34 |
| CF-000703 | CO ₂ | 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 |
| 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-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 |

PART 2: SECTION 1

PORTABLE FIRE EXTINGUISHERS

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|-------------------|----------|-------------|---------------|
| 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-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 ₂ | 2 kg | 34B | 1329h/32 |
| CF-001109 | CO ₂ | 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 |
| 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 |

Notes:

This Technical Approval is based on compliance with all clauses of EN 3-7:2004+A1:2007, EN 3-8:2006 and EN 3-9:2006 having been met with the sole exception of EN 3-7 Clause 16.2 – Marking. All technical data and information required by EN 3-7 Clause 16.2 has been provided in the label but the not as per the specified part layout.

COFFCO

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Tel: +914912908940 • Fax: +914912554695
E-mail: coffco@eth.net • Website: www.coffcofire.com

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

COFFCO Portable Fire Extinguishers

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|---------------------|----------|--------------|---------------|
| CFCOA2 | CO ₂ | 2 kg | 34B | 1092Ha/30 |
| CFCO2 | CO ₂ | 2 kg | 34B | 1092Ha/31 |
| CFCOA5 | CO ₂ | 5 kg | 70B | 1092Ha/32 |
| CFCO5 | CO ₂ | 5 kg | 70B | 1092Ha/33 |
| CFF2 | Foam (SP) | 2 litre | 8A/55B | 1092Ha/14 |
| CFF3 | Foam (SP) | 3 litre | 13A/89B | 1092Ha/16 |
| CFF6 | Foam (SP) | 6 litre | 21A/144B | 1092Ha/17 |
| CFFR6 | Foam (SP) | 6 litre | 27A/183B | 1092Ha/18 |
| CFF9 | Foam (SP) | 9 litre | 27A/233B | 1092Ha/19 |
| CFDPE1 | ABC Powder (SP) | 1 kg | 8A/34B | 1092Ha/01 |
| CFDPA1 | ABC Powder (SP) | 1 kg | 8A/34B | 1092Ha/02 |
| CFDPD1 | ABC Powder (SP) | 1 kg | 8A/34B | 1092Ha/03 |
| CFDP1 | ABC Powder (SP) | 1 kg | 8A/55B | 1092Ha/04 |
| CFDP2 | ABC Powder (SP) | 2 kg | 13A/89B | 1092Ha/05 |
| CFDP3 | ABC Powder (SP) | 3 kg | 21A/113B | 1092Ha/07 |
| CFDP4 | ABC Powder (SP) | 4 kg | 27A/144B | 1092Ha/08 |
| CFDP6 | ABC Powder (SP) | 6 kg | 43A/233B | 1092Ha/09 |
| CFDPRS6 | ABC Powder (SP) | 6 kg | 55A/233B | 1092Ha/10 |
| CFDP9 | ABC Powder (SP) | 9 kg | 55A/233B | 1092Ha/11 |
| CFDPD12 | ABC Powder (SP) | 12 kg | 55A/233B | 1092Ha/12 |
| CFW6 | Water (SP) | 6 litre | 13A | 1092Ha/24 |
| CFW9 | Water (SP) | 9 litre | 21A | 1092Ha/25 |
| CFWA3 | Water Additive (SP) | 3 litre | 13A | 1092Ha/28 |
| CFWA6 | Water Additive (SP) | 6 litre | 27A | 1092Ha/29 |
| CFWC2 | Wet Chemical (SP) | 2 litre | 8A/34B/25F | 1092Ha/21 |
| CFWC3 | Wet Chemical (SP) | 3 litre | 13A/70B/40F | 1092Ha/22 |
| CFWC6 | Wet Chemical (SP) | 6 litre | 21A/113B/75F | 1092Ha/23 |

EMACO GLOBAL LLC

985 Kendall Drive Suite #A-230, San Bernardino CA 92407, USA
Tel: +1-909-907-9492 • Fax: +1-909-907-9492
E-mail: info@emacoglobal.com • Website: www.emacoglobal.com

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

'EMACO' Portable Fire Extinguishers

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| E0803-CD2 | CO ₂ | 2 kg | 34B | 1092Ka/31 |
| E0803-CD5 | CO ₂ | 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 |

PART 2: SECTION 1

PORTABLE FIRE EXTINGUISHERS

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

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

Tel: +971 6 5340300 • Fax: +971 6 5340090

E-mail: firex@emirates.net.ae • Website: www.firexuae.com

Certificate No: 867Ba to EN3 Parts 7, 8 and 9

Portable Fire Extinguishers

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|---------------------|---------------------|-----------------|--------------------|----------------------|
| FCD2 | CO ₂ | 2 kg | 34B | 867Ba/10 |
| FCD5 | CO ₂ | 5 kg | 89B | 867Ba/11 |
| FF6L | Foam (SP) | 6 litre | 21A / 183B | 867Ba/12 |
| F6EP | Foam (SP) | 6 litre | 34A / 183B | 867Ba/20 |
| FF9L | Foam (SP) | 9 litre | 27A/233B | 867Ba/13 |
| FDP1 | ABC Powder (SP) | 1 kg | 8A/55B | 867Ba/04 |
| FDP2 | ABC Powder (SP) | 2 kg | 13A/89B | 867Ba/01 |
| FF2P | ABC Powder (SP) | 2 kg | 13A / 89B | 867Ba/15 |
| FDP3 | ABC Powder (SP) | 3 kg | 21A/144B | 867Ba/05 |
| FDP4 | ABC Powder (SP) | 4 kg | 27A/233B | 867Ba/07 |
| FDP6 | ABC Powder (SP) | 6 kg | 43A/233B | 867Ba/02 |
| FDP9 | ABC Powder (SP) | 9 kg | 55A/233B | 867Ba/08 |
| FDP12 | ABC Powder (SP) | 12 kg | 55A/233B | 867Ba/03 |
| FW6L | Water (SP) | 6 litre | 13A | 867Ba/17 |
| FW9L | Water (SP) | 9 litre | 21A | 867Ba/09 |
| FW6LP | Water Additive (SP) | 6 litre | 21A | 867Ba/19 |
| WC6L | Wet Chemical (SP) | 6 litre | 21A / 113B / 75F | 867Ba/16 |

Notes:

The above products are placed on the market under the following brand names: Aquaplus, Fire Bell, Fire Bird, Fire Tech, First, Guard, Joffco, Omega, Power, SOS International, Torando, Tri Star, Firex, Firex 1, Best, Safety First, Recom, Unix- UAE.

Falck Teknik

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Tel: +45 44576175 • Fax: +45 44848998

E-mail: bokn@falck.dk. • Website: www.falckteknik.dk

Certificate No: 867Ea to EN3 Parts 7, 8 and 9

Portable Fire Extinguishers

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| 2557 | CO ₂ | 2 kg | 34B | 867Ea/10 |
| 2558 | CO ₂ | 5 kg | 89B | 867Ea/11 |
| 2593 | Foam (SP) | 6 litre | 21A/183B | 867Ea/12 |
| 2594 | Foam (SP) | 9 litre | 27A/233B | 867Ea/13 |
| 2600 | ABC Powder (SP) | 1 kg | 8A/55B | 867Ea/04 |
| 2581 | ABC Powder (SP) | 2 kg | 13A/89B | 867Ea/01 |
| 2583 | ABC Powder (SP) | 6 kg | 43A/233B | 867Ea/02 |
| 2585 | ABC Powder (SP) | 12 kg | 55A/233B | 867Ea/03 |
| 2601 | Water (SP) | 6 litre | 13A | 867Ea/17 |
| 2539 | Water (SP) | 9 litre | 21A | 867Ea/09 |
| 2575 | Wet Chem (SP) | 6 litre | 21A/113B/75F | 867Ea/16 |

Firemark Ltd.

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E-mail: sales@firemark-ltd.co.uk • Website: www.firemark-ltd.co.uk

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

Portable Fire Extinguishers

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|--------------|---------------------|----------|----------------|---------------|
| C2/1S | CO ₂ | 2 kg | 34B | 867Ca/10 |
| C5/1S | CO ₂ | 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 |

Fullblaze Middle East

Zarqa Free Zone, New Expansionist Area, P.O.Box 922054, Amman 11192, Jordan

Tel: +962 6 489 3373 • Fax: +962 6 489 3372

E-mail: info@fullblaze-me.com • Website: www.fullblaze-me.com

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 ₂ | 2 kg | 34B | 1092Ea/31 |
| FBCD5 | CO ₂ | 5 kg | 70B | 1092Ea/33 |
| FBFM3S | Foam (SP) | 3 litre | 13A/89B | 1092Ea/16 |
| 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 |
| FBPD3S | ABC Powder (SP) | 3 kg | 21A/113B | 1092Ea/07 |
| FBPD4S | ABC Powder (SP) | 4 kg | 27A/144B | 1092Ea/08 |
| 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 |
| FBWT6 | Water (SP) | 6 litre | 13A | 1092Ea/24 |
| FBWT9 | Water (SP) | 9 litre | 21A | 1092Ea/25 |
| FBWC3 | Wet Chemical (SP) | 3 litre | 13A/70B/40F | 1092Ea/22 |
| FBWC6 | Wet Chemical (SP) | 6 litre | 21A/113B/75F | 1092Ea/23 |

PART 2: SECTION 1

PORTABLE FIRE EXTINGUISHERS

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: 783b to BS EN 3 Part 7

Portable Fire Extinguishers

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| EFS6 PLUS | Foam (SP) | 6 litre | 34A/183B | 783b/01 |
| EC2 | CO ₂ | 2 kg | 34B | 783b/02 |
| EC2F | CO ₂ | 2 kg | 55B | 783b/03 |
| EC5 | CO ₂ | 5 kg | 70B | 783b/04 |

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

Portable Fire Extinguishers

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

Jewel Sapphire Products Ltd

Denby Way, Hellaby Industrial Estate, Rotherham S66 8HR, United Kingdom

Tel: 0845 33065406 • Fax: 0845 3305 5407

E-mail: sales@jewelfiregroup.com • Website: http://www.jewelsapphire.co.uk

Certificate No: 1094b to Technical Approval based upon BS EN 3 Part 7

Portable Fire Extinguishers

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|------------|----------|-------------|---------------|
| ESYS1L2LCEX | Water Mist | 1 litre | 5F | 1094b/01 |

1 litre is not one of the specified nominal charges specified in EN3-7 clause 6.1 Nominal Charges

Certificate No: 1094a to BS EN 3 Part 7

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|--------------|------------|----------|-------------|---------------|
| ESYS3L6LCEX | Water mist | 3 litre | 8A/25F | 1094a/01 |
| ESYS6L9LCEX | Water mist | 6 litre | 13A/75F | 1094a/02 |

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 • Website: www.combat.com.sg

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

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|----------------|----------|-------------|---------------|
| 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 |

PART 2: SECTION 1

PORTABLE FIRE EXTINGUISHERS

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|---------------------|----------|-------------|---------------|
| C-9FSE (1) | Foam | 9 litre | 13A/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 |
| C-12ACE (1) | ABC Powder (GC) | 12 kg | 55A/233B | 501a/18 |
| 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 | 13A/183B | 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-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 |
| Q-6SW (2) | Water (SP) | 6 litre | 8A | 501a/09 |
| Q-9SW (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 |

Notes:

- 1) Brand name of extinguisher is "Combat"
- 2) Brand name of extinguisher is "Q-Fire"

NAFFCO FZ Co

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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 ₂ | 2 kg | 34B | 463a/01 |
| NCS2 | CO ₂ | 2 kg | 34B | 463a/06 |
| NCZ2 | CO ₂ | 2 kg | 55B | 463a/07 |
| NC5 | CO ₂ | 5 kg | 55B | 463a/02 |
| NC5X | CO ₂ | 5 kg | 70B | 463a/15 |
| NCA5X | CO ₂ | 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 |
| 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 |

PART 2: SECTION 1

PORTABLE FIRE EXTINGUISHERS

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| 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/89B | 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 | 43A/233B | 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: 1092Ia to EN 3 Parts 7, 8 & 9

'NAF' Portable Fire Extinguishers

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|---------------------|-------------------|-----------------|--------------------|----------------------|
| NCD5 | CO ₂ | 5 kg | 70B | 1092Ia/33 |
| NFM6 | Foam (SP) | 6 litre | 21A/144B | 1092Ia/17 |
| NFM9 | Foam (SP) | 9 litre | 27A/233B | 1092Ia/19 |
| NPD2S | ABC Powder (SP) | 2 kg | 13A/89B | 1092Ia/05 |
| NPD6S | ABC Powder (SP) | 6 kg | 43A/233B | 1092Ia/09 |
| NPD9 | ABC Powder (SP) | 9 kg | 55A/233B | 1092Ia/11 |
| NPD12 | ABC Powder (SP) | 12 kg | 55A/233B | 1092Ia/12 |
| NWC3 | Wet Chemical (SP) | 3 litre | 13A/70B/40F | 1092Ia/22 |
| NWC6 | Wet Chemical (SP) | 6 litre | 21A/113B/75F | 1092Ia/23 |

Ras Al Khaimah Fire Fighting Equipment Factory Fire King L.L.C

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E-mail: info@fireking.ae • Website: www.fireking.ae

Certificate No: 1092Fa to EN 3 Parts 7, 8 and 9

FIRE KING Portable Fire Extinguishers

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| FKCD2 | CO ₂ | 2 kg | 34B | 1092Fa/31 |
| FKCD5 | CO ₂ | 5 kg | 70B | 1092Fa/33 |
| FKFM6 | Foam (SP) | 6 litre | 21A/144B | 1092Fa/17 |
| FKFM9 | Foam (SP) | 9 litre | 27A/233B | 1092Fa/19 |
| FKPD1 | ABC Powder (SP) | 1 kg | 8A/34B | 1092Fa/01 |
| FKPD2 | ABC Powder (SP) | 2 kg | 13A/89B | 1092Fa/05 |
| FKPD4 | ABC Powder (SP) | 4 kg | 27A/144B | 1092Fa/08 |
| FKPD6 | ABC Powder (SP) | 6 kg | 43A/233B | 1092Fa/09 |
| FKPD9 | ABC Powder (SP) | 9 kg | 55A/233B | 1092Fa/11 |

PART 2: SECTION 1

PORTABLE FIRE EXTINGUISHERS

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|-------------------|----------|--------------|---------------|
| FKPD12 | ABC Powder (SP) | 12 kg | 55A/233B | 1092Fa/12 |
| FKWT6 | Water (SP) | 6 litre | 13A | 1092Fa/24 |
| FKWT9 | Water (SP) | 9 litre | 21A | 1092Fa/25 |
| FKWC3 | Wet Chemical (SP) | 3 litre | 13A/70B/40F | 1092Fa/22 |
| FKWC6 | Wet Chemical (SP) | 6 litre | 21A/113B/75F | 1092Fa/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 |

Note: 0.6kg and 0.8kg powder are not nominal charges specified in EN 3-7:2004+A1:2007 clause 6.1 - Nominal Charges

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. |
|--------------|---------------------|----------|--------------|---------------|
| FXCD2 | CO ₂ | 2 kg | 34B | 1093a/30 |
| FXCD2S | CO ₂ | 2 kg | 34B | 1093a/31 |
| FXCD5 | CO ₂ | 5 kg | 70B | 1093a/32 |
| FXCD5S | CO ₂ | 5 kg | 70B | 1093a/33 |
| FMF2 | Foam (SP) | 2 litre | 8A/55B | 1093a/14 |
| 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 |
| PPF6 | Foam (SP) | 6 litre | 27A/183B | 1093a/18 |
| FXF9 | Foam (SP) | 9 litre | 27A/233B | 1093a/19 |
| FMP1 | ABC Powder (SP) | 1 kg | 8A/34B | 1093a/01 |
| FMPA1 | ABC Powder (SP) | 1 kg | 8A/34B | 1093a/02 |
| FXP1 | ABC Powder (SP) | 1 kg | 8A/34B | 1093a/03 |
| PPP1 | ABC Powder (SP) | 1 kg | 8A/55B | 1093a/04 |
| FMP2 | ABC Powder (SP) | 2 kg | 13A/89B | 1093a/05 |
| FXP2 | ABC Powder (SP) | 2 kg | 13A/89B | 1093a/06 |
| 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 |
| PPP6 | ABC Powder (SP) | 6 kg | 55A/233B | 1093a/10 |
| 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 |
| FMABF2 | Wet Chemical (SP) | 2 litre | 8A/34B/25F | 1093a/20 |
| 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 |

Certificate No: 1093f to EN 3-7:2004+A1:2007 & EN 3-8:2006

'FIRECHIEF' Portable Fire Extinguishers

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|------------------|----------|-------------|---------------|
| FCA2 | Clean Agent (SP) | 2 kg | 21B | 1093f/01 |
| FCA4 | Clean Agent (SP) | 4 kg | 34B | 1093f/02 |

PART 2: SECTION 1

PORTABLE FIRE EXTINGUISHERS

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|---------------------|------------------|-----------------|--------------------|----------------------|
| FCA6 | Clean Agent (SP) | 6 kg | 34B | 1093f/03 |
| FCA9 | Clean Agent (SP) | 9 kg | 55B | 1093f/04 |
| FFM2 | Foam Mist (SP) | 2 litre | 5A / 55B / 25F | 1093f/05 |
| FFM6 | Foam Mist (SP) | 6 litre | 13A / 144B / 40F | 1093f/06 |
| FWM2 | Water Mist (SP) | 2 litre | 5A / 25F | 1093f/07 |
| FWM3 | Water Mist (SP) | 3 litre | 8A / 25F | 1093f/08 |
| FWM6 | Water Mist (SP) | 6 litre | 13A / 75F | 1093f/09 |
| FWM9 | Water Mist (SP) | 9 litre | 21A / 75F | 1093f/10 |

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

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|---------------------|---------------------|-----------------|--------------------|----------------------|
| UCE2A | CO ₂ | 2 kg | 34B | 1092Da/30 |
| UCE2 | CO ₂ | 2 kg | 34B | 1092Da/31 |
| UCE5A | CO ₂ | 5 kg | 70B | 1092Da/32 |
| UCE5 | CO ₂ | 5 kg | 70B | 1092Da/33 |
| UFE2 | Foam (SP) | 2 litre | 8A/55B | 1092Da/14 |
| UFE3 | Foam (SP) | 3 litre | 13A/89B | 1092Da/16 |
| UFE6 | Foam (SP) | 6 litre | 21A/144B | 1092Da/17 |
| UFE6X | Foam (SP) | 6 litre | 27A/183B | 1092Da/18 |
| UFE9 | Foam (SP) | 9 litre | 27A/233B | 1092Da/19 |
| UPE1E | ABC Powder (SP) | 1 kg | 8A/34B | 1092Da/01 |
| UPE1A | ABC Powder (SP) | 1 kg | 8A/34B | 1092Da/02 |
| UPE1 | ABC Powder (SP) | 1 kg | 8A/34B | 1092Da/03 |
| UPE1S | ABC Powder (SP) | 1 kg | 8A/55B | 1092Da/04 |
| UPE2S | ABC Powder (SP) | 2 kg | 13A/89B | 1092Da/05 |
| UPE3S | ABC Powder (SP) | 3 kg | 21A/113B | 1092Da/07 |
| UPE4S | ABC Powder (SP) | 4 kg | 27A/144B | 1092Da/08 |
| UPE6S | ABC Powder (SP) | 6 kg | 43A/233B | 1092Da/09 |
| UPE6X | ABC Powder (SP) | 6 kg | 55A/233B | 1092Da/10 |
| UPE9S | ABC Powder (SP) | 9 kg | 55A/233B | 1092Da/11 |
| UPE12 | ABC Powder (SP) | 12 kg | 55A/233B | 1092Da/12 |
| UWE6 | Water (SP) | 6 litre | 13A | 1092Da/24 |
| UWE9 | Water (SP) | 9 litre | 21A | 1092Da/25 |
| UWAE3 | Water Additive (SP) | 3 litre | 13A | 1092Da/28 |
| UWAE6 | Water Additive (SP) | 6 litre | 27A | 1092Da/29 |
| UWCE2 | Wet Chemical (SP) | 2 litre | 8A/34B/25F | 1092Da/21 |
| UWCE3 | Wet Chemical (SP) | 3 litre | 13A/70B/40F | 1092Da/22 |
| UWCE6 | Wet Chemical (SP) | 6 litre | 21A/113B/75F | 1092Da/23 |

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

Portable Fire Extinguishers

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| TMCD2A | CO ₂ | 2 kg | 34B | 1092a/30 |
| TMCD2 | CO ₂ | 2 kg | 34B | 1092a/31 |
| TMCD5A | CO ₂ | 5 kg | 70B | 1092a/32 |
| TMCD5 | CO ₂ | 5 kg | 70B | 1092a/33 |
| TMFM2S | Foam (SP) | 2 litre | 8A/55B | 1092a/14 |
| TMFM3S | Foam (SP) | 3 litre | 13A/89B | 1092a/16 |

PART 2: SECTION 1

PORTABLE FIRE EXTINGUISHERS

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|--------------|---------------------|----------|--------------|---------------|
| 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 |

Notes:

Available as brand names – 'TIANBO', 'MEGA SAFETY' & 'SOS'

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

'TIANBO' Portable Fire Extinguishers

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

Note: 0.6kg and 0.8kg powder are not nominal charges specified in EN 3 Part 7 clause 6.1 - Nominal Charges

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E-mail: chendian@orientxfire.com • Website: <http://www.orientxfire.com>

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 ₂ | 2 kg | 34B | 1327a/01 |
| OCE5-LWB152 | CO ₂ | 5 kg | 70B | 1327a/02 |

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E-mail: jingxingli@ruihuafire.com

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 ₂ | 2 kg | 34B | 867a/10 |
| K5S (1) | CO ₂ | 5 kg | 89B | 867a/11 |

PART 2: SECTION 1

PORTABLE FIRE EXTINGUISHERS

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|---------------------|---------------------|-----------------|--------------------|----------------------|
| 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 |

Fire Hose Reels should be selected, sited, serviced and maintained in accordance with the relevant code of practice. Hose reels are manufactured in fixed, swinging, recessed and concealed versions with automatic or manual water supply valves. They are normally located in a protective easily accessible approved cabinet to give protection from un-authorised 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. Hose reels may also be found in other higher risk locations, such as in a petrochemical environment when used in conjunction with a suitable approved foam attachment.

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 *Fixed firefighting systems - Hose systems: Part 1 Hose reels with semi-rigid hose*; and
- EN 671-2 *Fixed firefighting systems - Hose systems: Part 2 Hose systems with lay-flat hose*

All LPCB approved and listed hose reels carry the LPCB mark and certificate number.

A1 Fire Fighting

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

'A1 FIRE FIGHTING' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|---------------------------------------|-------------------------------|--------------------------------|---------------------------|----------------------|
| A1-HRA | Automatic, swinging arm, wall mounted | 25 | 30 | Rotary operated jet/spray | 1153Ha/01 |
| A1-HRM-B | Manual, swinging arm, wall mounted | 25 | 30 | Rotary operated jet/spray | 1153Ha/05 |
| A1-HRM-P | Manual, swinging arm, wall mounted | 25 | 30 | Rotary operated jet/spray | 1153Ha/10 |

PART 2: SECTION 3

FIRE HOSE REELS

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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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E-mail: general.enquiries@angusuk.co.uk • Website: www.angusfire.co.uk

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 |

Asiatic Fire System Pte Ltd.

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

KILLFIRE Fire Hose Reel

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| KHS-1E-C | Manual, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038ADa/14 |

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

'SNG' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| 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 |
| SNG07-02B | Manual, swinging pipe, cabinet or wall mounted | 19 | 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

PART 2: SECTION 3

FIRE HOSE REELS

'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: 1038APa to EN 671-1:2012

'BRISTOL' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| 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: 1038AOa to EN 671-1:2012

'CHOIFAT' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| CTA-1002 | Manual, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AOa/02 |
| CTA-1001 | Automatic, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AOa/04 |

COFFCO

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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 |
| CFFHRSA19 | Swinging, automatic, wall mounted | 19 | 30 | Rotary operated spray | 1092Hd/03 |
| CFFHRSM19 | 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 |
| CFFHRSA25 | Swinging, automatic, wall mounted | 25 | 30 | Rotary operated spray | 1092Hd/07 |
| CFFHRSM25 | Swinging, manual, wall mounted | 25 | 30 | Rotary operated spray | 1092Hd/08 |

Crico Engineering

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 E-mail: info@crico-engineering.com • Website: www.crico.be

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

Crico Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|---------------|---|------------------------|-------------------------|--|---------------|
| 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 |
| 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 |

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

'SPARTAN' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|--------------|---------------------------------------|------------------------|-------------------------|---------------------------|---------------|
| 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 |

PART 2: SECTION 3

FIRE HOSE REELS

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

'DEMCO' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| 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 |

Dimex Protection NV

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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 |

EMACO GLOBAL LLC

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

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 |

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

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Single door cabinets

| Product Name | Description | LPCB Ref. No. |
|--------------|--|---------------|
| FXHRSMS | Single surface mounted | 863c/03 |
| FXHRRMS | Single, recessed | |
| FXHRSSBS | Single, surface mounted, stainless steel brush finish | 863c/03 |
| FXHRRSBS | Single, recessed, stainless steel brush finish | |
| FXHRSSMS | Single, surface mounted, stainless steel mirror finish | 863c/03 |
| FXHRRSMS | Single, recessed, stainless steel mirror finish | |
| FXHRRSBMS | Single, recessed, door & architrave stainless steel brush finish | 863c/03 |
| FXHRRSMMS | Single, recessed, door & architrave stainless steel mirror finish | |
| FXHRSSMSG | Single, surface mounted, glazed door | 863c/03 |
| FXHRRMSG | Single, recessed, glazed door | |
| FXHRSSBSG | Single, surface mounted, stainless steel brush finish, glazed door | 863c/03 |
| FXHRRBSBG | Single, recessed, stainless steel brush finish, glazed door | |
| FXHRSSMSG | Single, surface mounted, stainless steel mirror finish, glazed door | 863c/03 |
| FXHRRMSG | Single, recessed, stainless steel mirror finish, glazed door | |
| FXHRRSBMSG | Single, recessed, door & architrave stainless steel brush finish, glazed door | 863c/03 |
| FXHRRSMMSG | Single, recessed, door & architrave stainless steel mirror finish, glazed door | |

Double door cabinets

| Product Name | Description | LPCB Ref. No. |
|--------------|--|---------------|
| FXHRESMD | Double, surface mounted | 863c/04 |
| FXHRERMD | Double, recessed | |
| FXHRESSBD | Double, surface mounted, stainless steel brush finish | 863c/04 |
| FXHRERSBD | Double, recessed, stainless steel brush finish | |
| FXHRESMD | Double, surface mounted, stainless steel mirror finish | 863c/04 |
| FXHRERSMD | Double, recessed, stainless steel mirror finish | |
| FXHRESBMD | Double, recessed, door & architrave stainless steel brush finish | 863c/04 |
| FXHRERSMMD | Double, recessed, door & architrave stainless steel mirror finish | |
| FXHRESMDG | Double, surface mounted, glazed doors | 863c/04 |
| FXHRERMDG | Double, recessed, glazed doors | |
| FXHRESSBDG | Double, surface mounted, stainless steel brush finish, glazed doors | 863c/04 |
| FXHRERSBDG | Double, recessed, stainless steel brush finish, glazed doors | |
| FXHRESSMDG | Double, surface mounted, stainless steel mirror finish, glazed doors | 863c/04 |
| FXHRERSMDG | Double, recessed, stainless steel mirror finish, glazed doors | |
| FXHRERSBMDG | Double, recessed, door & architrave stainless steel brush finish, glazed doors | 863c/04 |
| FXHRERSMMDG | Double, recessed, door & architrave stainless steel mirror finish, glazed door | |

Certificate No: 863c to BS EN671-1

Fire Hose Reels

| Product Name | Description | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle type | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|-------------|---------------|
| FX/HR/A25 | Automatic, swinging arm, wall mounted, twist jet brass/chrome nozzle | 25 | 30 | Jet/spray | 863c/01 |
| FX/HR/M25 | Manual, swinging arm, wall mounted, twist jet brass/chrome nozzle | 25 | 30 | Jet/spray | 863c/02 |

PART 2: SECTION 3

FIRE HOSE REELS

EUROFEU

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

'EUROFEU' Fire Hose Reel

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|---|---------------|
| ERF3330P | Manual, swinging arm, pillar or wall mounted | 33 | 30 | Rotary operated jet/spray or lever operated jet/spray | 1127Aa/07 |

Eurotech Fire Protection Ltd, in collaboration with Firetec Systems Ltd

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Certificate No: 10380a to BS EN 671-1

| Product Name | Description | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle type | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|---------------|
| EFPFHRM01 | Manual, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants. | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 10380a/01 |
| EFPFHRM02 | Manual, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants. | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 10380a/02 |
| EFPFHRA01 | Automatic, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 10380a/03 |
| EFPFHRA02 | Automatic, swinging arm, cabinet or wall mounted, lever and rotary operated nozzle variants | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 10380a/04 |

Eversafe Extinguisher Sdn Bhd

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Certificate No: 734a to BS 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 |

PART 2: SECTION 3

FIRE HOSE REELS

| Product Name | Description | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle type | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|---------------|
| 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 |

Notes:

- 1) Prefix EE are branded "EVERSAFE"
- 2) Prefix FS are branded "FireSafe"
- 3) Prefix RP are branded "Red Panther"

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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 |

PART 2: SECTION 3

FIRE HOSE REELS

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E-mail: info@fireguard-uk.com • Website: www.fireguard-uk.com

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

Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| 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 |

Flamex Fire & Safety Equip

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

SAVER 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, wall mounted | 25 | 30 | Lever operated jet/spray | 1153Ba/01 |
| KX06-173-00 | Manual, fixed, wall mounted | 25 | 30 | Lever operated jet/spray | 1153Ba/02 |
| KX06-172A-00 | Automatic, swinging arm, wall mounted | 19 | 30 | Lever operated jet/spray | 1153Ba/03 |
| KX06-173A-00 | Manual, fixed, wall mounted | 19 | 30 | Lever operated jet/spray | 1153Ba/04 |
| KX06-173B-00 | Manual, swinging arm, wall mounted | 25 | 30 | Rotary operated jet/spray | 1153Ba/05 |
| KX06-173C-00 | Manual, swinging arm, wall mounted | 19 | 30 | Rotary operated jet/spray | 1153Ba/06 |
| KX06-216A-00 | Manual, fixed, wall mounted | 19 | 30 | Rotary operated jet/spray | 1153Ba/07 |
| KX06-216-00 | Manual, fixed, wall mounted | 25 | 30 | Rotary operated jet/spray | 1153Ba/08 |
| KX06-217A-00 | Manual, swinging arm, wall mounted | 19 | 30 | Rotary operated jet/spray | 1153Ba/09 |
| KX06-217-00 | Manual, swinging arm, wall mounted | 25 | 30 | Rotary operated jet/spray | 1153Ba/10 |
| KX06-218A-00 | Automatic, swinging arm, wall mounted | 19 | 30 | Rotary operated jet/spray | 1153Ba/11 |
| KX06-218-00 | Automatic, swinging arm, wall mounted | 25 | 30 | Rotary operated jet/spray | 1153Ba/12 |

Fullblaze Middle East

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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-SA19 | Swinging, automatic, wall mounted, rotary operated nozzle | 19 | 30 | Rotary operated spray | 1092Ed/03 |
| FB-SM19 | Swinging, manual, wall mounted, rotary operated nozzle | 19 | 30 | Rotary operated spray | 1092Ed/04 |
| 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

'GENTEC' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| GEN-MSP-G | 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: 1127Ba to EN 671-1:2012

'GF' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|--------------|---------------------------------------|------------------------|-------------------------|---------------------------|---------------|
| QD/HR/A25 | Automatic, swinging arm, wall mounted | 25 | 30 | Rotary operated jet/spray | 1127Ba/01 |
| QD/HR/M25 | Manual, swinging arm, wall mounted | 25 | 30 | Rotary operated jet/spray | 1127Ba/02 |
| QD/HR/A19 | Automatic, swinging arm, wall mounted | 19 | 30 | Rotary operated jet/spray | 1127Ba/04 |
| QD/HR/M19 | Manual, swinging arm, wall mounted | 19 | 30 | Rotary operated jet/spray | 1127Ba/05 |

PART 2: SECTION 3

FIRE HOSE REELS

Jordan Experts Fire Fighting Equipment Manufacturers (JOFFEX)

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

JOFFEX Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|---|-------------------------------|--------------------------------|--|----------------------|
| JXR-1 | Manual, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038Ua/02 |

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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 |

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 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 |
| '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: 1038ATa 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-02-MA | Manual, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038ATa/02 |
| MT-03-AA | Automatic, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038ATa/04 |
| MT-04-MP | Manual, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038ATa/10 |
| MT-05-AP | Automatic, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038ATa/11 |

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Certificate No: 1038Sa to EN 671-1

PART 2: SECTION 3

FIRE HOSE REELS

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 |
| 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 | |

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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: 463d to EN 671-1

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 |
| 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 |

PART 2: SECTION 3

FIRE HOSE REELS

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle Type | LPCB Ref. No. |
|-----------------|--|------------------------|-------------------------|-------------|---------------|
| 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 |
| 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 |

Note:

Hose reels approved for use with NLSV-25 Lock Shield Valve to BS 5154

Certificate No: 463d to EN 671-1

Cabinets

| Product Name | Description | LPCB Ref. No. |
|--------------|--|---------------|
| NF-SM-300 | Single cabinet, surface mounted, mild steel, solid door. | 463d/14 |
| NF-RM-300 | Single cabinet, recess mounted, mild steel, solid door. | |
| NF-SSB-300 | Single cabinet, surface mounted, brush finish stainless steel, solid door. | |
| NF-SSM-300 | Single cabinet, surface mounted, mirror finish stainless steel, solid door. | |
| NF-RSB-300 | Single cabinet, recess mounted, brush finish stainless steel, solid door. | |
| NF-RSM-300 | Single cabinet, recess mounted, mirror finish stainless steel, solid door. | |
| NF-SMK-300 | Single cabinet, surface mounted, mild steel, solid door, break glass and key. | |
| NF-RMK-300 | Single cabinet, recess mounted, mild steel, solid door, break glass and key. | |
| NF-SSBK-300 | Single cabinet, surface mounted, brush finish stainless steel, solid door, break glass and key. | |
| NF-SSMK-300 | Single cabinet, surface mounted, mirror finish stainless steel, solid door, break glass and key. | |
| NF-RSBK-300 | Single cabinet, recess mounted, brush finish stainless steel, solid door, break glass and key. | |
| NF-RSMK-300 | Single cabinet, recess mounted, mirror finish stainless steel, solid door, break glass and key. | |
| NF-SM-900 | Double vertical cabinet, surface mounted, mild steel, solid door. | |
| NF-RM-900 | Double vertical cabinet, recess mounted, mild steel, solid door. | |
| NF-SSB-900 | Double vertical cabinet, recess mounted, mild steel, solid door. | |
| NF-SSM-900 | Double vertical cabinet, surface mounted, mirror finish stainless steel, solid door. | |
| NF-RSB-900 | Double vertical cabinet, recess mounted, brush finish stainless steel, solid door. | |

PART 2: SECTION 3**FIRE HOSE REELS**

| Product Name | Description | LPCB Ref. No. |
|--------------|---|---------------|
| NF-RSM-900 | Double vertical cabinet, recess mounted, mirror finish stainless steel, solid door. | |
| NF-SMK-900 | Double vertical cabinet, surface mounted, mild steel, solid door, break glass and key. | |
| NF-RMK-900 | Double vertical cabinet, recess mounted, mild steel, solid door, break glass and key. | |
| NF-SSBK-900 | Double vertical cabinet, surface mounted, brush finish stainless steel, solid door, break glass and key. | |
| NF-SSMK-900 | Double vertical cabinet, surface mounted, mirror finish stainless steel, solid door, break glass and key. | |
| NF-RSBK-900 | Double vertical cabinet, recess mounted, brush finish stainless steel, solid door, break glass and key. | |
| NF-RSMK-900 | Double vertical cabinet, recess mounted, mirror finish stainless steel, solid door, break glass and key. | |
| NF-SMP-300 | Single cabinet, surface mounted, mild steel, solid door, piano hinge. | 463d/13 |
| NF-RMP-300 | Single cabinet, recess mounted, mild steel, solid door, piano hinge. | |
| NF-SMPK-300 | Single cabinet, surface mounted, mild steel, solid door, piano hinge, break glass and key. | |
| NF-RMPK-300 | Single cabinet, recess mounted, mild steel, solid door, piano hinge, break glass and key. | |
| NF-SMGK-900 | Double vertical cabinet, surface mounted, mild steel, glass door, break glass and key. | 463d/14 |
| NF-RMGK-900 | Double vertical cabinet, recess mounted, mild steel, glass door, break glass and key. | |
| NF-SSBGK-900 | Double vertical cabinet, surface mounted, brush finish stainless steel, glass door, break glass and key. | |
| NF-SSMGK-900 | Double vertical cabinet, surface mounted, mirror finish stainless steel, glass door, break glass and key. | |
| NF-RSBGK-900 | Double vertical cabinet, recess mounted, brush finish stainless steel, glass door, break glass and key. | |
| NF-RSMGK-900 | Double vertical cabinet, recess mounted, mirror finish stainless steel, glass door, break glass and key. | |
| NF-SMP-900 | Double vertical cabinet, surface mounted, mild steel, solid door, piano hinge. | |
| NF-RMP-900 | Double vertical cabinet, recess mounted, mild steel, solid door, piano hinge. | |
| NF-SMG-900 | Double vertical cabinet, surface mounted, mild steel, glass door, piano hinge. | |
| NF-RMG-900 | Double vertical cabinet, recess mounted, mild steel, glass door, piano hinge. | |
| NF-SSBG-900 | Double vertical cabinet, surface mounted, brush finish stainless steel, glass door, piano hinge. | |
| NF-SSMG-900 | Double vertical cabinet, surface mounted, mirror finish stainless steel, glass door, piano hinge. | |
| NF-RSBG-900 | Double vertical cabinet, recess mounted, brush finish stainless steel, glass door, piano hinge. | |
| NF-RSMG-900 | Double vertical cabinet, recess mounted, mirror finish stainless steel, glass door, piano hinge. | |
| NF-SMPK-900 | Double vertical cabinet, surface mounted, mild steel, solid door, piano hinge, break glass and key. | |
| NF-RMPK-900 | Double vertical cabinet, recess mounted, mild steel, solid door, piano hinge, break glass and key. | |
| NF-SMGP-900 | Double vertical cabinet, surface mounted, mild steel, glass door, piano hinge. | |
| NF-RMGP-900 | Double vertical cabinet, recess mounted, mild steel, glass door, piano hinge. | |
| NF-SMGPK-900 | Double vertical cabinet, surface mounted, mild steel, glass door, piano hinge, break glass and key. | |
| NF-RMGPK-900 | Double vertical cabinet, recess mounted, mild steel, glass door, piano hinge, break glass and key. | |

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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 |
| N-MS2-25A | Manual, swinging arm, wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AMa/12 |
| N-MS3-25A | Manual, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AMa/14 |

PART 2: SECTION 3

FIRE HOSE REELS

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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' Cabinet or Wall Mounted 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 |

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

Fire Hose Reel Cabinets approved for use in conjunction with the approved 'JINTIAN FIRE' fire hose reels

| Product Name | Description | LPCB Ref. No. |
|--------------|--|---------------|
| KX06-095A-00 | Single door, surface mounted, red coated mild steel hose reel cabinet | 1153a/13 |
| KX06-095B-00 | Double door vertical, surface mounted, red coated mild steel hose reel cabinet | |
| KX06-095C-00 | Double door horizontal, surface mounted, red coated mild steel hose reel cabinet | |
| KX06-095D-00 | Single door, recessed, red coated mild steel hose reel cabinet | |
| KX06-095E-00 | Double door vertical, recessed, red coated mild steel hose reel cabinet | |
| KX06-095F-00 | Double door horizontal, recessed, red coated mild steel hose reel cabinet | |
| KX06-095G-00 | Single door, surface mounted, stainless steel hose reel cabinet | |
| KX06-095H-00 | Double door vertical, surface mounted, stainless steel hose reel cabinet | |
| KX06-095J-00 | Double door horizontal, surface mounted, stainless steel hose reel cabinet | |
| KX06-095K-00 | Single door, recessed, stainless steel hose reel cabinet | |
| KX06-095L-00 | Double door vertical, recessed, stainless steel hose reel cabinet | |
| KX06-095M-00 | Double door horizontal, recessed, stainless steel hose reel cabinet | |

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

Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|-----------------|--|------------------------|-------------------------|--|---------------|
| 2SW-C 19/30 | Manual, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038Ta/01 |
| 2SW-C 25/30 | Manual, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038Ta/02 |
| 2SWA-C 19/30 | Automatic, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038Ta/03 |
| 2SWA-C 25/30 | Automatic, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038Ta/04 |

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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 BS EN 671-1

'Krone' Fire Hose Reels

| Product Name | Description | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|---|-------------------------------|--------------------------------|---|----------------------|
| 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

| Product Name | Description | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| 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: 1092Fd to EN 671-1

FIRE KING Fire Hose Reels

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

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Certificate No: 1038Va to EN 671-1

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 |

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Certificate No: 1093d 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. |
|--------------|-----------------------------------|------------------------|-------------------------|-----------------------|---------------|
| RMFA19 | Fixed, automatic, wall mounted | 19 | 30 | Rotary operated spray | 1093d/01 |
| RMFM19 | Fixed, manual, wall mounted | 19 | 30 | Rotary operated spray | 1093d/02 |
| RMSA19 | Swinging, automatic, wall mounted | 19 | 30 | Rotary operated spray | 1093d/03 |
| RMSM19 | Swinging, manual, wall mounted | 19 | 30 | Rotary operated spray | 1093d/04 |
| RMFA25 | Fixed, automatic, wall mounted | 25 | 30 | Rotary operated spray | 1093d/05 |
| RMFM25 | Fixed, manual, wall mounted | 25 | 30 | Rotary operated spray | 1093d/06 |
| RMSA25 | Swinging, automatic, wall mounted | 25 | 30 | Rotary operated spray | 1093d/07 |
| RMSM25 | Swinging, manual, wall mounted | 25 | 30 | Rotary operated spray | 1093d/08 |

PART 2: SECTION 3

FIRE HOSE REELS

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 |
| 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

| Product Name | Description | Hose nominal bore (mm) | Hose maximum length (mm) | Nozzle type | LPCB Ref. No. |
|---------------------|--|-------------------------------|---------------------------------|--|----------------------|
| 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

| Product Name | Description | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| 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

'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-12-A | Manual, swinging pipe, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AFa/08 |
| IMHR-13-A | Automatic, swinging pipe, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AFa/09 |
| IMHR-14-A | Manual, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AFa/10 |
| IMHR-15-A | Automatic, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AFa/11 |
| 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: 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 |

PART 2: SECTION 3

FIRE HOSE REELS

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Certificate No: 1038a to EN 671-1

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 |
| CSJR-02-D | Automatic, fixed, wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038a/19 |

Certificate No: 1038a to EN 671-1

Fire Hose Reel Cabinets

| Product Name | Description | LPCB Ref. No. |
|---------------------|---|----------------------|
| CSJC-01-B/C | Single glazed door, surface mounted hose reel cabinet | 1038a/15 |
| CSJC-02-B/C/D | Single door, surface mounted hose reel cabinet | |
| CSJC-04-A/B | Single glazed door, surface mounted hose reel cabinet | |
| CSJC-05-A/B/C/D | Single door, surface mounted hose reel cabinet | |
| CSJC-06-A/B/C/D | Single door, recessed hose reel cabinet | |
| | | |

Certificate No: 1038a to EN 671-1

Fire Hose Reel Cabinets

| Product Name | Description | LPCB Ref. No. |
|---------------------|--|----------------------|
| CSJC-03-A/B | Double door, surface mounted hose reel cabinet | 1038a/16 |
| CSJC-09-A/B/C | Double door, surface mounted, vertical hose reel cabinet | |
| CSJC-10-A/B/C | Double door, recessed, vertical hose reel cabinet | |

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

Fire Hose Reel

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|---------------------------|---------------|
| 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: 1038AKa to EN 671-1:2012

'UNIFIRE' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| UNFR-06-B | Automatic, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AKa/04 |

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Certificate No: 1092Dd to EN 671-1

| Product Name | Description | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle type | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|-----------------------|---------------|
| AHR19-01 | Fixed, automatic, wall mounted, rotary operated nozzle | 19 | 30 | Rotary operated spray | 1092Dd/01 |
| MHR19-01 | Fixed, manual, wall mounted, rotary operated nozzle | 19 | 30 | Rotary operated spray | 1092Dd/02 |
| AHR19-02 | Swinging, automatic, wall mounted, rotary operated nozzle | 19 | 30 | Rotary operated spray | 1092Dd/03 |
| MHR19-02 | Swinging, manual, wall mounted, rotary operated nozzle | 19 | 30 | Rotary operated spray | 1092Dd/04 |
| AHR25-01 | Fixed, automatic, wall mounted, rotary operated nozzle | 25 | 30 | Rotary operated spray | 1092Dd/05 |
| MHR25-01 | Fixed, manual, wall mounted, rotary operated nozzle | 25 | 30 | Rotary operated spray | 1092Dd/06 |
| AHR25-02 | Swinging, automatic, wall mounted, rotary operated nozzle | 25 | 30 | Rotary operated spray | 1092Dd/07 |
| MHR25-02 | Swinging, manual, wall mounted, rotary operated nozzle | 25 | 30 | Rotary operated spray | 1092Dd/08 |

PART 2: SECTION 3

FIRE HOSE REELS

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

'VM' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| 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

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|---|-------------------------------|--------------------------------|--|----------------------|
| 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 Reel

| 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: 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

'TIANBO' Fire Hose Reels

| Product Name | Description | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle type | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|-----------------------|---------------|
| 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 to EN 671-1:2012

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

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FIRE HOSE REELS

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|--|-------------------------------|--------------------------------|--|----------------------|
| 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 |

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

TenNeed' Fire Hose Reel Cabinets

| Product Name | Description | LPCB Ref. No. |
|---------------------|--|----------------------|
| TN04-C-02A | Single door, surface mounted hose reel cabinet | 1364b/05 |
| TN04-C-02B | Single door, surface mounted hose reel cabinet | |

Zener Security & Safety Equipments

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

Zenér Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|---------------------|---------------------------------------|-------------------------------|--------------------------------|--------------------------|----------------------|
| ZS10-HRA-00 | Automatic, swinging arm, wall mounted | 25 | 30 | Lever operated jet/spray | 1153Ca/01 |
| ZS10-HRM-00 | Manual, fixed, wall mounted | 25 | 30 | Lever operated jet/spray | 1153Ca/02 |
| ZS10-HRA1-00 | Automatic, swinging arm, wall mounted | 19 | 30 | Lever operated jet/spray | 1153Ca/03 |
| ZS10-HRM1-00 | Manual, fixed, wall mounted | 19 | 30 | Lever operated jet/spray | 1153Ca/04 |
| ZS10-HRM2-00 | Manual, swinging arm, wall mounted | 25 | 30 | Lever operated jet/spray | 1153Ca/05 |
| ZS10-HRM3-00 | Manual, swinging arm, wall mounted | 19 | 30 | Lever operated jet/spray | 1153Ca/06 |

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. Light duty blankets are suitable for kitchens and laboratory areas where fires tend to be smaller and contained, e.g. cooking oils.

EN 1869 specifies requirements for non re-usable fire blankets 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 1869:1997 *Fire blankets*

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 1869:1997

Fire Blankets

| Product Name | Dimensions (m) | LPCB Ref. No. |
|---------------------|----------------|---------------|
| OM-08 (1.2m X 1.2m) | 1.2 x 1.2 | 1434Da/01 |
| OM-08 (1.5m X 1.8m) | 1.5 x 1.8 | |

Notes:

Available as brand names – 'Tahadi' and 'Omex'

Bristol Fire Engineering LLC

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

Tel: +971 4 347 2426 • Fax: +971 4 347 2363

E-mail: sami@bristol-fire.com • Website: www.bristol-fire.com

Certificate No: 1434Ca to EN 1869:1997

'BRISTOL' Fire Blankets

| Product Name | Dimensions (m) | LPCB Ref. No. |
|--------------|----------------|---------------|
| FGC12 | 1.2 x 1.2 | 1434Ca/01 |
| FGC18 | 1.2 x 1.8 | |
| FGC28 | 1.5 x 1.8 | |

PART 2: SECTION 4

FIRE BLANKETS

Changshu Jiangnan Glass Fiber Co., Ltd.

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

Tel: +86-512-52560588 / +86-512-52561146 • Fax: +86-512-52565400

E-mail: zhi6739@jn-fiber.cn / zhang1146@jn-fiber.cn • Website: www.jn-grt.com

Certificate No: 1434a to EN 1869:1997

CS08 Fire Blanket

| Product Name | Dimensions (m) | LPCB Ref. No. |
|---------------------|-----------------------|----------------------|
| CS08 (1.2m x 1.2m) | 1.2 x 1.2 | 1434a/01 |
| CS08 (1.2m x 1.8m) | 1.2 x 1.8 | |
| CS08 (1.5m x 1.8m) | 1.5 x 1.8 | |

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

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

Tel: +971 6 5340300 • Fax: +971 6 5340090

E-mail: firex@emirates.net.ae • Website: www.firexuae.com

Certificate No: 863b to BS EN 1869

Fire Blankets

| Product Name | Dimensions (m) | LPCB Ref. No. |
|---------------------|-----------------------|----------------------|
| FB4 | 1.2 x 1.2 | 863b/01 |
| FB6 | 1.2 x 1.8 | |

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 • Website: www.eversafe.net

Certificate No: 1434Ba to EN 1869:1997

Fire Blankets

| Product Name | Dimensions (m) | LPCB Ref. No. |
|---------------------|-----------------------|----------------------|
| FB22 | 1.2 x 1.2 | 1434Ba/01 |
| FB28 | 1.2 x 1.8 | |
| FB58 | 1.5 x 1.8 | |

Notes:

1. Available as brand name – 'EVERSAFE'
2. Available as brand name – 'FireSafe'
3. Available as brand name – 'Red Panther'

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

Fire Blankets

| Product Name | Dimensions (m) | LPCB Ref. No. |
|---------------|----------------|---------------|
| Model NFB 1.2 | 1.1 x 1.1 | 463c/03 |
| Model NFB 1.4 | 1.2 x 1.2 | |
| Model NFB 2.1 | 1.2 x 1.8 | |

Note:

Material Ref: NF/MDS-FB/2016, Revision 05, dated 22 November 2016. Top and bottom push insert type container.

Shanghai Huiying Industry Co Ltd

Room 1313, Tower A, 1088 New Jinqiao Road, 201206, Shanghai, China

Tel: +86 21 61681700 • Fax: +86 21 61681701

E-mail: sales@pike-fire.com • Website: www.pike-fire.com

Certificate No: 1434Aa to EN 1869:1997

"Pike" Fire Blankets

| Product Name | Dimensions (m) | LPCB Ref. No. |
|------------------------|----------------|---------------|
| PKFB 08S (1.2m X 1.2m) | 1.2 x 1.2 | 1434Aa/01 |
| PKFB 08S (1.2m X 1.8m) | 1.2 x 1.8 | |
| PKFB 08S (1.5m X 1.8m) | 1.5 x 1.8 | |

PART 2: SECTION 5

FIRE HYDRANT SYSTEMS

Wet Riser

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. 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.

Dry Riser

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. The inlet breeching of a dry riser system is suitably located within a protective box or 'cabinet' for dry riser inlets on the ground floor to enable the fire and rescue service to connect layflat hose to a suitable water supply, allowing water to be pumped from the fire appliance pump up to higher floors or to where there are extensive distances from an entrance. Inlet breechings are tested to BS 5041-3 and the dry riser box for riser inlets are tested to BS 5041-5.

Underground Fire Hydrant

An underground fire hydrant is typically located within a surface box fitted with a cover. Underground fire hydrants and surface box frames and covers are tested to BS 750. The cover of the surface box is often but not always painted in a prominent colour to assist with fast location by fire service personnel. A notice identifying the location of the hydrant is also normally fitted in an adjacent position; in most jurisdictions it is illegal to park a car within a certain distance of a fire hydrant.

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.

These hydrants are often provided by the owner/operator of larger developments and the responsibility for the supply of water rests with this organisations responsible person, whilst publicly located hydrants are provided and maintained by the civic authorities. Regular maintenance is required to remove dirt and debris, prevent seizure of the valve, to maintain a clean water supply and to ensure easy removal of the protective cover.

A layflat high pressure hose is attached to the hydrant via a standpipe installed after removal of the surface box cover and the water is delivered by turning a hydrant key which is connected to the hydrant by fire service personnel. The layflat hose connected to the standpipe may be used to supply water directly onto the fire by connecting further lengths of hose and using a branch or nozzle to control the water at the point of delivery. It may also be used to connect the water supply to a fire pump that is transported to the location by the fire service in order to increase the delivered water pressure further. The supply may be split into multiple hoses to distribute the water as required. This water supply can then be connected to a dry riser inlet(s) if required.

For guidance on design and installation of wet and dry riser systems, refer to BS 9990:2006 *Code of practice for non-automatic fire fighting systems in buildings*. This standard covers good practice in matters affecting the design, installation, testing and maintenance of non-automatic fire fighting systems in buildings. Further information is also available in BS 9999:2008 *Code of practice for fire safety in the design, management and use of buildings*.

This section lists products approved in accordance with:

| | |
|-----------------|--|
| BS 5041-1:1987 | <i>Fire hydrant systems equipment. Specification for landing valves for wet risers</i> |
| BS 5041-3:1975 | <i>Fire hydrant systems equipment. Specification for inlet breechings for dry riser inlets</i> |
| EN 694:2001 | <i>Requirements for Fire-fighting hoses - semi-rigid hoses for fixed systems</i> |
| BS 6391:2009 | <i>Requirements for non-percolating layflat delivery hoses and hose assemblies for fire fighting purposes.</i> |
| BS 5041-5: 1974 | <i>Fire hydrant systems equipment. Specification for boxes for foam inlets and dry riser inlets</i> |
| BS 750:2006 | <i>Specification for underground fire hydrants and surface box frames and covers</i> |
| EN 14384:2005 | <i>Pillar fire hydrants</i> |
| BS 336:2010 | <i>Specification for fire hose couplings and ancillary equipment</i> |

Landing valves are listed as follows:-

Wet landing valves - Section 5.1.1

Dry landing valves - Section 5.1.2

PART 2: SECTION 5.1.1

WET LANDING VALVES

Wet landing valves are located at discharge points, typically on the upper floors of a taller building, where the supply of water is via a permanently charged or 'wet riser' water supply. 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.

This section lists products approved in accordance with:

BS 5041-1:1987 *Fire hydrant systems equipment. Specification for landing valves for wet risers*

Dafoos Fire Protection Equipment Trading Est.

PO Box 50891, Warehouse No. 51, Al Quoz 4, Dubai, United Arab Emirates

Tel: +971-43402020 • Fax: +971-43471390

E-mail: dafoos@dafoos.com • Website: www.dafoos.com

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

'SPARTAN' Wet Landing Valves

| Product Name | Description | LPCB Ref. No. |
|--------------|---|---------------|
| DFP-LVL-F001 | DN65 flanged inlet, oblique type, low pressure | 1153Ge/02 |
| DFP-LVL-M001 | 2 ½" BSPT male threaded inlet, oblique type, low pressure | 1153Ge/04 |
| DFP-LVL-F002 | DN65 flanged inlet, bib nosed type, low pressure | 1153Ge/13 |

Notes:

The maximum working pressure is 15 bar for low pressure landing valves

EMACO GLOBAL LLC

985 Kendall Drive Suite #A-230, San Bernardino CA 92407, USA

Tel: +1-909-907-9492 • Fax: +1-909-907-9492

E-mail: info@emacoglobal.com • Website: 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 |

Notes:

The maximum working pressure is 15 bar for low pressure landing valves

Fluid Equipment International bvba

Rumbeeksegravier 166 Unit D/E, 8800 Roeselare, West-Flanders, , Belgium

Tel: +32 51 811 711

E-mail: contact@fluid-equipment.be • Website: www.fluid-equipment.com

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

'FLUID' Wet Landing Valves

| Product Name | Description | LPCB Ref. No. |
|--------------|---|---------------|
| FTLVO | 2 ½", oblique type, low pressure, BSPT male threaded inlet, globe valve | 501Bc/01 |

PART 2: SECTION 5.1.1

WET LANDING VALVES

| Product Name | Description | LPCB Ref. No. |
|--------------|--|---------------|
| FLLVBN | DN65, bib nosed type, low pressure, flanged inlet, globe valve | 501Bc/08 |

Knowsley SK Limited

Centrepoint, Marshall Stevens Way, Trafford Park, Manchester M17 1AE, United Kingdom

Tel: +44 (0) 161 872 7511 • Fax: +44 (0) 161 848 8508

E-mail: sales@knowsleysk.co.uk • Website: www.knowsleysk.co.uk

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

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

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 |
| DH6I screw | 2½", bib nosed, screwed inlet, high pressure | 501c/09 |
| DH6I 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 |

PART 2: SECTION 5.1.1

WET LANDING VALVES

| Product Name | Description | LPCB Ref. No. |
|--------------|---|---------------|
| LV-BNF25 | 2½" PN16, diaphragm valve, bib nosed, flanged inlet, low pressure (3) | 501c/13 |

Notes:

1. The maximum working pressure is 15 bar for low pressure landing valves
2. The maximum working pressure is 20 bar for high pressure landing valves
3. This diaphragm valve has integrated and screwed BS 336 outlets.

MOBIAK S.A.

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

Tel: +30 282 10 63222 • Fax: +30 282 10 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 |

Notes:

1. The maximum working pressure is 15 bar for low pressure landing valves
2. The maximum working pressure is 20 bar for high pressure landing valves

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: 463e to BS 5041-1

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

Notes:

- 1) Maximum working pressure is 15 bar.

Ningbo Jintian Fire Fighting Industrial Co., Ltd.

Wu Che Yan, Yuyao City, Zhejiang Province, China

Tel: +86 574 62025710 • Fax: +86 574 62025711

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

Certificate No: 1153e to BS 5041-1

'JINTIAN FIRE' Wet Landing Valves

| Product Name | Description | LPCB Ref. No. |
|---------------|--|---------------|
| 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 |

Notes:

The maximum working pressure is 15 bar for low pressure landing valves
The maximum working pressure is 20 bar for high pressure landing valves

Shanghai Firetech Co. Ltd.

Room 401, Building No. 23, No. 1288 Pujian Road, Pudong District, Shanghai, China

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

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

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 |

PART 2: SECTION 5.1.1

WET LANDING VALVES

| Product Name | Description | LPCB Ref. No. |
|---------------|---|---------------|
| 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 |

Notes:

1. The maximum working pressure is 15 bar for low pressure landing valves
2. The maximum working pressure is 20 bar for high pressure landing valves

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: 1366a to BS 5041-1:1987

Wet Landing Valves

| Product Name | Description | LPCB Ref. No. |
|--------------|--|---------------|
| 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 |

Note:

The maximum working pressure is 15 bar

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: 1153Ke to BS 5041-1:1987

Viking Corp Fireking Wet Landing Valves

| Product Name | Description | LPCB Ref. No. |
|--------------|---|---------------|
| 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 |

Notes:

1. The maximum working pressure is 15 bar for low pressure landing valves
2. The maximum working pressure is 20 bar for high pressure landing valves

Tianjin Pro Made Fire Equipment Company Limited

25th Floor, 2nd Tower, Beichen Building, Beichen District, Tianjin, China

Tel: +86 22 5889 2190 • Fax: +86 22 5889 2195

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

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

'TPMC' Wet Landing Valves

| Product Name | Description | LPCB Ref. No. |
|--------------|---|---------------|
| 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 |
| 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 |

PART 2: SECTION 5.1.2

DRY LANDING VALVES

Dry landing valves comprise of a valve and outlet connection from a dry riser which are typically an uncharged pipe system installed within a building. The landing valves are located at discharge points typically on higher floors of buildings or harder to reach areas.

This section lists products approved in accordance with:

BS 5041-2:1987 *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. Flexible hoses are connected to control valves located adjacent to the fire zone and valves are located on each upper floor providing a source of water adjacent to the fire risk location. Normal working pressure will be stated with the listing.

This section lists products approved in accordance with:

BS 5041-3:1975 *Fire hydrant systems equipment. Specification for inlet breechings for dry riser inlets*

Dafoos Fire Protection Equipment Trading Est.

PO Box 50891, Warehouse No. 51, Al Quoz 4, Dubai, United Arab Emirates

Tel: +971-43402020 • Fax: +971-43471390

E-mail: dafoos@dafoos.com • Website: www.dafoos.com

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

'SPARTAN' Inlet Breechings

| Product Name | Description | LPCB Ref. No. |
|--------------|---|---------------|
| DFP-BI-04 | 4 way inlet breeching, 150mm flanged outlet | 1153Gd/01 |
| DFP-BI-02 | 2 way inlet breeching, 100mm flanged outlet | 1153Gd/02 |

EMACO GLOBAL LLC

985 Kendall Drive Suite #A-230, San Bernardino CA 92407, USA

Tel: +1-909-907-9492 • Fax: +1-909-907-9492

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

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 |

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

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

Tel: +971 6 5340300 • Fax: +971 6 5340090

E-mail: firex@emirates.net.ae • Website: www.firexuae.com

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 |

Note:

1. Normal working pressure is 16 bar

PART 2: SECTION 5.2

INLET BREECHINGS

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 • Website: www.combat.com.sg

Certificate No: 501d to BS 5041-3

Inlet Breechings

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

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: 1153Ad to BS 5041-3:1975

'MOBIAK' Inlet Breechings

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

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: 463f to BS 5041-3

| Product Name | Description | LPCB Ref. No. |
|---------------------|--------------------------------|----------------------|
| 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 |

Notes:

- 1) Normal working pressure is 10 bar.

Ningbo Jintian Fire Fighting Industrial Co., Ltd.

Wu Che Yan, Yuyao City, Zhejiang Province, China

Tel: +86 574 62025710 • Fax: +86 574 62025711

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

Certificate No: 1153d to BS 5041-3

Inlet breechings

| Product Name | Description | LPCB Ref. No. |
|--------------|---|---------------|
| KX08-203-00 | 4 way inlet breeching, 150mm flanged outlet | 1153d/01 |
| KX08-202-00 | 2 way inlet breeching, 100mm flanged outlet | 1153d/02 |

Note:
Rating PN 16

Shanghai Firetech Co. Ltd.

Room 401, Building No. 23, No. 1288 Pujian Road, Pudong District, Shanghai, China

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

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

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

'FIRETECH' Inlet Breechings

| Product Name | Description | LPCB Ref. No. |
|--------------|---|---------------|
| 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

| Product Name | Description | LPCB Ref. No. |
|--------------|--|---------------|
| 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 |

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210 N Industrial Park, Hastings, Michigan 49058, USA

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

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

Viking Corp Fireking Inlet Breechings

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

PART 2: SECTION 5.3

SEMI RIGID HOSES

Semi-rigid hose is used as part of a hose reel system typically (but not exclusively) red in colour, round in section and 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 694:2001 *Requirements for Fire-fighting hoses - semi-rigid hoses for fixed systems.*

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

Certificate No: 463h to BS 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 |

Notes:

1) Maximum working pressure is 1.2 MPa

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 • Website: 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 |

Notes:

1. Maximum working pressure is 1.2 MPa (12 bar)
2. Maximum working pressure is 0.7 MPa (7 bar)

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 • Website: www.suzhou-csj.com

Certificate No: 1038b to BS EN 694:2014

CSJ Semi-Rigid Hose

| Product Name | Description | LPCB Ref. No. |
|--------------------|---|---------------|
| 19mm Fire Hose (1) | Semi rigid hose, 19mm, colour red/black | 1038b/01 |

PART 2: SECTION 5.3

SEMI RIGID HOSES

| Product Name | Description | LPCB Ref. No. |
|---------------------|--|----------------------|
| 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 |

Notes:

- 1) Maximum working pressure is 1.2 MPa (12 bar)
- 2) Maximum working pressure is 0.7 MPa (7 bar)

Yuyao Tianning Fire Control Equipment Co., Ltd.

Ganxuan Village, Liangnong Town, Yuyao City, China

Tel: 0086 13588574423 • Fax: 0086-574-62357038

E-mail: shanling@outlook.com; shanling1@foxmail.com • Website: www.tntqxf.com

Certificate No: 1364a to EN 694:2014

'TN' Semi-Rigid Hose

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

Notes:

1. Maximum working pressure is 1.2 MPa (12 bar)

PART 2: SECTION 5.4

LAYFLAT HOSES

Layflat hose is typically used by the fire service to convey large quantities of high pressure 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 at high pressure and in varying extremes of temperature, the hose must not fail at a critical moment.

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 concertinaed 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 6391:2009 *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 | Model | 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 |

Notes:

1) Maximum working pressure is 15 bar.

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.

This section lists products approved in accordance with:

BS 5041-5 *Fire hydrant systems - Boxes for dry riser inlets.*

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Certificate No: 463j to BS 5041-5

Boxes for dry riser inlets

| Product Name | Model | Size W X H (mm) | LPCB Ref. No. |
|--------------|---------------|-----------------|---------------|
| 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 | |

PART 2: SECTION 5.6

PILLAR FIRE HYDRANTS

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.

These hydrants are often provided by the owner/operator of larger developments and the responsibility for the supply of water rests with this organisations responsible person, whilst publicly located hydrants are provided and maintained by the civic authorities. Regular maintenance is required to remove dirt and debris, prevent seizure of the valve, to maintain a clean water supply and to ensure easy removal of the protective cover.

This section lists products approved in accordance with:

EN 14384:2005 *Pillar fire hydrants*

Bristol Fire Engineering LLC

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

Tel: +971 4 347 2426 • Fax: +971 4 347 2363

E-mail: sami@bristol-fire.com • Website: 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

Tel: +971 6 5340300 • Fax: +971 6 5340090

E-mail: firex@emirates.net.ae • Website: www.firexuae.com

Certificate No: 1280Aa to EN 14384:2005

| 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 |

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 • Website: www.eversafe.net

Certificate No: 1280Ga to EN 14384:2005

Pillar Fire Hydrants

| Product Name | Inlet size | Hose outlet | Pumper | LPCB Ref. No. |
|--------------|------------|--------------------|-------------------|---------------|
| 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 |

PART 2: SECTION 5.6

PILLAR FIRE HYDRANTS

| Product Name | Inlet size | Hose outlet | Pumper | LPCB Ref. No. |
|--------------|------------|--|-------------------|---------------|
| 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 |

Notes:

Available as brand names – 'EVERSAFE', 'FireSafe' and 'Red Panther'

Exon For Fire Protection Inc.

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

Tel: +613 276 7755

E-mail: ahmed.shalaby@exonfire.com • Website: www.exonfire.com

Certificate No: 1280Da to EN 14384:2005

EZULA Pillar Fire Hydrants

| Product Name | Inlet size | Hose outlet | Pumper | LPCB Ref. No. |
|--------------|------------|--------------------|-------------------|---------------|
| 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 |

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: 463n to BS 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 |

PART 2: SECTION 5.6

PILLAR FIRE HYDRANTS

| Product Name | Inlet size | Hose Outlet | Pumper Outlet | LPCB Ref. No. |
|---------------------|-------------------|--------------------------------|----------------------|----------------------|
| 150 NFHQC - 1200 | 6 (DN 150) | 2 x G2½" BS 336 quick coupling | 1 x G4 (100mm) | 463n/14 |
| 100 NFHQS-CD - 800 | 4 (DN 100) | 2 x G2½" BS 336 quick coupling | 1 x G4 (100mm) | 463n/15 |
| 100 NFHQS-CD - 1200 | 4 (DN 100) | 2 x G2½" BS 336 quick coupling | 1 x G4 (100mm) | 463n/16 |
| 150 NFHQS-CD - 800 | 6 (DN 100) | 2 x G2½" BS 336 quick coupling | 1 x G4 (100mm) | 463n/17 |
| 150 NFHQS-CD - 1200 | 6 (DN 150) | 2 x G2½" BS 336 quick coupling | 1 x G4 (100mm) | 463n/18 |

National Factory for Security & Safety Equipment LLC

P.O.Box 129, Road No. 19, Ind. Estate, Al Rusayl PC 124, Sultanate of Oman

Tel: +968 2444 6268 • Fax: +968 2444 6227

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

Certificate No: 1280Ca to EN 14384:2005

AMANCO Pillar Fire Hydrants

| Product Name | Inlet size | Hose outlet | Pumper | LPCB Ref. No. |
|---------------------|-------------------|--------------------|-------------------|----------------------|
| 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 |

Saudi Factory for Fire Equipment FZCO

S-10833, Jebel Ali Free Zone, Authority South 1, Dubai, PO BOX 261281, United Arab Emirates

Tel: +971 4 880 9890 • Fax: +971 4 880 9822

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

Certificate No: 1280Ba to EN 14384:2005

SFFECO Pillar Fire Hydrants

| Product Name | Inlet size | Hose outlet | Pumper | LPCB Ref. No. |
|---------------------|-------------------|--|-------------------|----------------------|
| 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 |

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: 096w to EN 14384:2005

Viking Corp Fireking Pillar Fire Hydrants

| Product Name | Inlet size | Hose outlet | Pumper | LPCB Ref. No. |
|---------------------|-------------------|--------------------|-------------------|----------------------|
| 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 |

PART 2: SECTION 5.6

PILLAR FIRE HYDRANTS

| Product Name | Inlet size | Hose outlet | Pumper | LPCB Ref. No. |
|--------------|------------|--------------------|-------------------|---------------|
| 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 |

Unisafe Fire Protection Specialists LLC

P.O.Box 117579, Ras Al Khor, Al Aweer Industrial Estate, Dubai, United Arab Emirates

Tel: +971 4 3339977 • Fax: +971 4 3339358

Website: www.unisafedxb.com

Certificate No: 1280Ea to EN 14384:2005

Unisafe Pillar Fire Hydrants

| Product Name | Inlet size | Hose outlet | Pumper | LPCB Ref. No. |
|--------------|------------|--------------------|-------------------|---------------|
| UH-14384-4ES | 4 (DN 100) | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Ea/01 |
| UH-14384-4MS | 4 (DN 100) | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Ea/02 |
| UH-14384-6MS | 6 (DN 150) | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Ea/03 |
| UH-14384-6ES | 6 (DN 150) | 2 X 2.5 BSP (65mm) | 1 x 4 BSP (100mm) | 1280Ea/04 |

Zhejiang Flametech Industries Co Limited

Tianjia Village, Xiaoyue Town, Shangyu City, Zhejiang, China

E-mail: hzl@flametech-co.com • Website: www.flametech-co.com

Certificate No: 1280a to EN 14384

Pillar fire hydrants

| Product Name | Inlet size | Hose outlet | Pumper | LPCB Ref. No. |
|--------------|------------|--|-------------------|---------------|
| 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 |

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*

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: 1153Ab to BS 5154:1991

'MOBIAK' Copper Alloy Gate Valves

| Product Name | Description | LPCB Ref. No. |
|---------------------|---|----------------------|
| 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 Jintian Fire Fighting Industrial Co., Ltd.

Wu Che Yan, Yuyao City, Zhejiang Province, China

Tel: +86 574 62025710 • Fax: +86 574 62025711

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

Certificate No: 1153b to BS 5154:1991

'JINTIAN FIRE' Copper Alloy Gate Valves

| Product Name | Description | LPCB Ref. No. |
|---------------------|---|----------------------|
| 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, of delivery hose conforming to BS 6391, suction hose conforming to BS 3165 or EN ISO 14557, suitable for firefighting purposes up to a working pressure not exceeding 16 bar and other items of equipment associated with the use of firefighting hose.

Components covered in BS 336:

This section lists products approved in accordance with:

BS 336:2010 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.

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: 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

Ningbo Jintian Fire Fighting Industrial Co., Ltd.

Wu Che Yan, Yuyao City, Zhejiang Province, China

Tel: +86 574 62025710 • Fax: +86 574 62025711

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

Certificate No: 1153f to BS 336:2010

Delivery hose couplings

| Product Name | Description | LPCB Ref. No. |
|---------------------|--|----------------------|
| 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

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

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 assessment based legislation. LPCB approval also helps ensure the mobile fire extinguishers meet and continue to meet appropriate standards.

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 CO₂ 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.

Abbreviations used for LPCB listing of mobile fire extinguishers

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

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

| Method of Actuation | |
|--------------------------------|------------------------------|
| SP - Stored pressure actuation | GC - Gas cartridge actuation |

| Units or Capacity | |
|-------------------|-----------|
| 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.

Class C: for fires involving gases.

Class D: for fires involving metals for example magnesium, sodium, cadmium, manganese.

Class F: for use on cooking oil fires.

PART 2: SECTION 6

MOBILE FIRE EXTINGUISHERS

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.

CE Marking

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. Performance testing and fire testing is not carried out as part of this directive.

Marine Equipment Directive

The Marine Equipment Directive (MED) was adopted into UK Law and became mandatory on the 5 August 1999. The MED covers any ship (or lifeboat) flying a flag of an EEA member state. The MED covers a vast array of equipment, covering all aspects of a ship's safety, including mobile fire extinguishers. Conformity assessment is through a Notified Body, such as LPCB, and the compliance mark is the Wheel-mark.

This section lists products approved in accordance with:

EN 1866-1:2007 - Mobile fire extinguishers

Associated Enterprises (S) Pte Ltd.

Block 28, Sin Ming Drive, #01-173 575702, Singapore

Tel: +65-64550555 • Fax: +65-64550505

E-mail: enquiry@aespl.com.sg • Website: www.aespl.com.sg

Certificate No: 1092Ac to BS EN 1866-1

PROTEC Mobile Fire Extinguishers

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|--------------|------------------------------|-----------|-------------|---------------|
| PRO-10-CD | CO ₂ | 10 kg | 144 B | 1092Ac/01 |
| PRO-20-CD | CO ₂ | 20 kg | 183 B | 1092Ac/02 |
| PRO-30-CD | CO ₂ | 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 |

Ceasefire Industries Pvt. Ltd

Plot No. 4, Second Floor, Sector - 135, Noida, Uttar Pradesh 201301, India

Tel: +91 120 4255800 • Fax: +91 120 4255801

E-mail: amit@ceasefire.in • Website: www.ceasefire.in

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

'CEASEFIRE' Mobile Fire Extinguishers

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|-----------------------------|-----------|-------------|---------------|
| CF000747 | Foam (Stored Pressure) | 25 Litre | IV B | 1329i/01 |
| CF000748 | Foam (Stored Pressure) | 50 Litre | IV B | 1329i/02 |
| CF001018 | Foam (Stored Pressure) | 50 Litre | IV B | 1329i/03 |
| CF000749 | Foam (Stored Pressure) | 100 Litre | IV B | 1329i/04 |
| CF001021 | Foam (Stored Pressure) | 100 Litre | IV B | 1329i/05 |
| CF000744 | Foam Mist (Stored Pressure) | 25 Litre | IV B | 1329i/06 |
| CF000750 | Foam Mist (Stored Pressure) | 25 Litre | I B | 1329i/07 |
| CF000745 | Foam Mist (Stored Pressure) | 50 Litre | IV B | 1329i/08 |
| CF000751 | Foam Mist (Stored Pressure) | 50 Litre | IV B | 1329i/09 |

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MOBILE FIRE EXTINGUISHERS

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|---------------------------------|-----------|-------------|---------------|
| CF000746 | Foam Mist (Stored Pressure) | 100 Litre | IV B | 1329i/10 |
| CF000752 | Foam Mist (Stored Pressure) | 100 Litre | IV B | 1329i/11 |
| CF000808 | ABC 50 Powder (Stored Pressure) | 25 kg | IV B | 1329i/12 |
| CF000809 | ABC 50 Powder (Stored Pressure) | 50 kg | IV B | 1329i/13 |
| CF000810 | ABC 50 Powder (Stored Pressure) | 100 kg | IV B | 1329i/14 |
| CF001031 | Water (Stored Pressure) | 50 litre | - | 1329i/15 |
| CF001033 | Water (Stored Pressure) | 100 litre | - | 1329i/16 |
| CF000741 | Water Mist (Stored Pressure) | 25 litre | - | 1329i/17 |
| CF000742 | Water Mist (Stored Pressure) | 50 litre | - | 1329i/18 |
| CF000743 | Water Mist (Stored Pressure) | 100 litre | - | 1329i/19 |

COFFCO

PO Box 5, Pincode - 678002, India
 Tel: +914912908940 • Fax: +914912554695
 E-mail: coffco@eth.net • 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 ₂ | 10 kg | 144 B | 1092Hc/01 |
| CFCO20 | CO ₂ | 20 kg | 183 B | 1092Hc/02 |
| CFCO30 | CO ₂ | 30 kg | 183 B | 1092Hc/03 |
| CFF50 | Foam (Stored Pressure) | 50 litre | IV B | 1092Hc/04 |
| CFF100 | Foam (Stored Pressure) | 100 litre | IV B | 1092Hc/05 |
| CFDP25 | ABC Powder (Stored Pressure) | 25 kg | II B | 1092Hc/06 |
| CFDP50 | ABC Powder (Stored Pressure) | 50 kg | IV B | 1092Hc/07 |
| CFDP100 | ABC Powder (Stored Pressure) | 100 kg | IV B | 1092Hc/08 |

EMACO GLOBAL LLC

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 Tel: +1-909-907-9492 • Fax: +1-909-907-9492
 E-mail: info@emacoglobal.com • Website: www.emacoglobal.com

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

'EMACO' Mobile Fire Extinguishers

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

PART 2: SECTION 6

MOBILE FIRE EXTINGUISHERS

EUROFEU

12 Rue Albert Remy, Senonches 28250, France
Tel: +33 82090 1818 • Fax: +33 23737 9196
Website: www.eurofeu.fr

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

'eurofeu' Mobile Fire Extinguishers

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|------------------------------|-----------|-------------|---------------|
| GT010 CO2 | CO ₂ | 10 kg | 144 B | 1092Jc/01 |
| GT020 CO2 | CO ₂ | 20 kg | 183 B | 1092Jc/02 |
| GT030 CO2 | CO ₂ | 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 |

Fluid Equipment International bvba

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Tel: +32 51 811 711
E-mail: contact@fluid-equipment.be • Website: www.fluid-equipment.com

Certificate No: 501Bf to EN 1866-1:2007

'FLUID' Mobile Fire Extinguishers

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|---------------------------------|----------|-------------|---------------|
| FEC30 | CO ₂ | 30 kg | 113 B | 501Bf/02 |
| FEP25 | ABC Powder (Stored Pressure) | 25 kg | II B | 501Bf/11 |
| FEP50 | ABC Powder (Stored Pressure) | 50 kg | II B | 501Bf/12 |

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 • Website: www.combat.com.sg

Certificate No: 501f to BS EN 1866-1

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|------------------------------------|-----------|-------------|---------------|
| C-20C | CO ₂ | 20 kg | 89 B | 501f/01 |
| C-30C | CO ₂ | 30 kg | 113 B | 501f/02 |
| C-50FTC | Foam (Cartridge Operated) | 50 litre | IV B | 501f/03 |
| C-100FTC | Foam (Cartridge Operated) | 100 litre | IV B | 501f/04 |
| C-135FTC | Foam (Cartridge Operated) | 135 litre | IV B | 501f/05 |
| C-25FTP | Foam (Stored Pressure) | 25 litre | II B | 501f/06 |
| C-50FTP | Foam (Stored Pressure) | 50 litre | II B | 501f/07 |
| C-50ATC | ABC Powder (Cartridge Operated) | 50 kg | IV B | 501f/08 |

PART 2: SECTION 6
MOBILE FIRE EXTINGUISHERS

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|---|----------|-------------|---------------|
| C-100ATC | ABC Powder (Cartridge Operated) | 100 kg | IV B | 501f/09 |
| C-150ATC | ABC Powder (Cartridge Operated) | 150 kg | IV B | 501f/10 |
| C-25ATP | ABC Powder (Stored Pressure) | 25 kg | II B | 501f/11 |
| C-50ATP | ABC Powder (Stored Pressure) | 50 kg | II B | 501f/12 |
| C-50PTC | Purple K Powder (Cartridge Operated) | 50 kg | IV B | 501f/13 |
| C-100PTC | Purple K Powder (Cartridge Operated) | 100 kg | IV B | 501f/14 |
| C-150PTC | Purple K Powder (Cartridge Operated) | 150 kg | IV B | 501f/15 |
| C-25PTP | Purple K Powder (Stored Pressure) | 25 kg | II B | 501f/16 |
| C-50PTP | Purple K Powder (Stored Pressure) | 50 kg | II B | 501f/17 |
| C-25MTC | Monnex Powder (Cartridge Operated) | 25 kg | III B | 501f/18 |
| C-50MTC | Monnex Powder (Cartridge Operated) | 50 kg | III B | 501f/19 |
| C-100MTC | Monnex Powder (Cartridge Operated) | 100 kg | III B | 501f/20 |

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

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|---|----------|-------------|---------------|
| C-75ATC | ABC Powder (Cartridge operated) | 75 kg | IVB | 501g/02 |
| C-75PTC | Purple K Powder (Cartridge operated) | 75 kg | IVB | 501g/03 |

Note: 75kg CO₂ is not a nominal charge specified in EN 1866-1 clause 6.2.1 - Nominal Charges

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Certificate No: 463m to BS EN 1866-1

Mobile Fire Extinguishers

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|-----------------|-----------|-------------|---------------|
| 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 |

Nasr Awwadeh Factory for Fire Fighting & Safety Equipment

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

PART 2: SECTION 6

MOBILE FIRE EXTINGUISHERS

'NAF' Mobile Fire Extinguishers

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|---------------------|------------------------------|-----------------|--------------------|----------------------|
| NCD10 | CO ₂ | 10 kg | 144 B | 10921c/01 |
| NCD20 | CO ₂ | 20 kg | 183 B | 10921c/02 |
| NCD30 | CO ₂ | 30 kg | 183 B | 10921c/03 |
| NFM50 | Foam (Stored Pressure) | 50 litre | IV B | 10921c/04 |
| NFM100 | Foam (Stored Pressure) | 100 litre | IV B | 10921c/05 |
| NPD25 | ABC Powder (Stored Pressure) | 25 kg | II B | 10921c/06 |
| NPD50 | ABC Powder (Stored Pressure) | 50 kg | IV B | 10921c/07 |
| NPD100 | ABC Powder (Stored Pressure) | 100 kg | IV B | 10921c/08 |

Ras Al Khaimah Fire Fighting Equipment Factory Fire King L.L.C

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Certificate No: 1092Fc to EN 1866-1

FIRE KING Mobile Fire Extinguishers

| Product Name | Type | Capacity | Fire Rating | LPCB Ref. No. |
|---------------------|---------------------------------|-----------------|--------------------|----------------------|
| FKCD10 | CO ₂ | 10 kg | 144 B | 1092Fc/01 |
| FKCD20 | CO ₂ | 20 kg | 183 B | 1092Fc/02 |
| FKCD30 | CO ₂ | 30 kg | 183 B | 1092Fc/03 |
| FKFM50 | Foam (Stored Pressure) | 50 litre | IV B | 1092Fc/04 |
| FKFM100 | Foam (Stored Pressure) | 100 litre | IV B | 1092Fc/05 |
| FKPD25 | ABC Powder (Stored Pressure) | 25 kg | II B | 1092Fc/06 |
| FKPD50 | ABC Powder (Stored Pressure) | 50 kg | IV B | 1092Fc/07 |
| FKPD100 | ABC Powder (Stored Pressure) | 100 kg | IV B | 1092Fc/08 |

Sentura Group (including Fire Depot and Firechief Global)

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E-mail: sales@firedepot.co.uk • Website: www.firedepot.co.uk

Certificate No: 1093c to EN 1866-1

FIRECHIEF XTR Mobile Fire Extinguishers

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|---------------------|-----------------|-----------------|--------------------|----------------------|
| FXC10 | CO ₂ | 10 kg | 144 B | 1093c/01 |
| FXC20 | CO ₂ | 20 kg | 183 B | 1093c/02 |
| FXC30 | CO ₂ | 30 kg | 183 B | 1093c/03 |
| FXF50 | Foam (SP) | 50 litre | IV B | 1093c/04 |
| FXF100 | Foam (SP) | 100 litre | IV B | 1093c/05 |
| 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 |

Unisafe Fire Protection Specialists LLC

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Website: www.unisafedxb.com

Certificate No: 1092Dc to BS EN 1866-1

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|--------------|------------------------------|-----------|-------------|---------------|
| UCME10 | CO ₂ | 10 kg | 144 B | 1092Dc/01 |
| UCME20 | CO ₂ | 20 kg | 183 B | 1092Dc/02 |
| UCME30 | CO ₂ | 30 kg | 183 B | 1092Dc/03 |
| UFME50 | Foam (Stored Pressure) | 50 litre | IV B | 1092Dc/04 |
| UFME100 | Foam (Stored Pressure) | 100 litre | IV B | 1092Dc/05 |
| UPME25 | ABC Powder (Stored Pressure) | 25 kg | II B | 1092Dc/06 |
| UPME50 | ABC Powder (Stored Pressure) | 50 kg | IV B | 1092Dc/07 |
| UPME100 | ABC Powder (Stored Pressure) | 100 kg | IV B | 1092Dc/08 |

Yuyao Tianbo Fire Fighting Equipment Co., Ltd.

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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 ₂ (Stored Pressure) | 10 kg | 144 B | 1092c/01 |
| TMCD20 | CO ₂ (Stored Pressure) | 20 kg | 183 B | 1092c/02 |
| TMCD30 | CO ₂ (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 |

Notes:

Available as brand names – 'TIANBO', 'MEGA SAFETY' & 'SOS'

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

| Product Name | Type | Capacity | Fire rating | LPCB Ref. No. |
|--------------|---------------------------------|----------|-------------|---------------|
| P25TG | ABC Powder (Stored Pressure) | 25 kg | II B | 867c/01 |
| P50TG | ABC Powder (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 intended 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 Hand-held branchpipes for fire service use - Part 1: Common requirements

EN 15182-2 Hand-held branchpipes for fire service use - Part 2: Combination branchpipes PN16

EN 15182-3 Hand-held branchpipes for fire service use - Part 3: Smooth bore jet and/or one fixed spray jet angle branchpipes PN16

EN 15182-4 Hand-held branchpipes for fire service use - Part 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.

Melton Egypt

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Certificate No: 1153Mc to EN 15182-1:2007+A1:2009 and EN 15182-3:2007+A1:2009

'Melton' Hand-Held Branchpipes

| Product Name | Description | LPCB Ref. No. |
|--------------|--|---------------|
| 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 15182-1:2007+A1:2009 and EN 15182-3:2007+A1:2009

'MOBIAK' Hand-Held Branchpipes

| Product Name | Description | LPCB Ref. No. |
|---------------|--|---------------|
| 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 |

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Certificate No: 1153c to EN 15182-1:2007+A1:2009 and EN 15182-3:2007+A1:2009

PART 2: SECTION 7

HAND-HELD BRANCHPIPES

'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 |
| 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 |