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# LPCB Red Book



# 1

## Part: 2

### Manual fire extinguishing equipment

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## Introduction

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

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

BRE Global additionally carries out:

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

## LPCB Listings

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

Listings comprise:

### Volume 1: (This Volume)

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

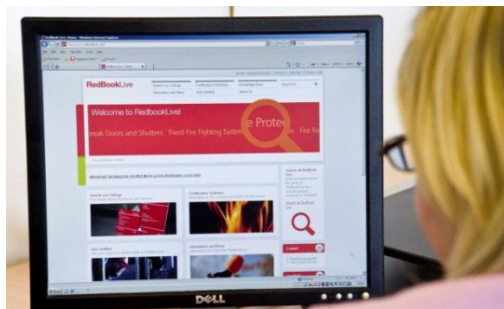
### Volume 2:

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

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

## Updates

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



## What is Third Party Certification?

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

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

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

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

## Benefits of Third Party Certification

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

### For specifiers and regulators:

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

### For manufacturers and installers:

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

## What does LPCB Certification offer?

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

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

## VOLUME 1 LIST OF APPROVED PRODUCTS AND SERVICES

### Product schemes comprise:

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

### Installer schemes comprise:

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

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

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



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



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

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



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*Part*

2

*MANUAL FIRE  
EXTINGUISHING  
EQUIPMENT*

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

### **INTRODUCTION**

**Listings in this section include:**

#### **Products**

- Portable fire extinguishers
- 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.



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:**

<b>EN 3 - Part 7 + A1:2007</b> - <i>Characteristics, performance requirements and test methods</i>
<b>EN 3 - Part 8</b> - <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>
<b>EN 3 - Part 9</b> - <i>Additional requirements to EN 3-7 for pressure resistance of CO<sub>2</sub> extinguishers</i>
<b>EN 3 - Part 10</b> - <i>Provisions for evaluating the conformity of a portable fire extinguisher to EN 3-7</i>
<b>BS 7867</b> - <i>Specification for portable fire extinguishers for use in aircraft</i>
<b>BS 6165</b> : <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.

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

## **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:

<b>Class A :</b>	for use on flammable solid materials, for example wood, paper, coal, straw, cloth etc.
<b>Class B :</b>	for use on fires involving flammable liquids or liquefiable solids.
<b>Class C :</b>	for fires involving gases.
<b>Class D :</b>	for fires involving metals for example magnesium, sodium, cadmium, manganese.
<b>Class F :</b>	for use on cooking oil fires.

#### **Colour Coding**

EN 3-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. 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, and the compliance mark is the Wheel-mark.

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

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

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

**'CEASEFIRE' Portable Fire Extinguishers**

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

# PART 2: SECTION 1

## PORTABLE FIRE EXTINGUISHERS

### 'CEASEFIRE' Portable Fire Extinguishers

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

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

### 'CEASEFIRE' Portable Fire Extinguishers

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

**Ceasefire Industries U.K. Limited**

3 Waterhouse Square, 138-142 Holborn, London EC1N 2SW, United Kingdom

Tel: +44 (0) 113 868 6666 / (0) 1268 919999

Website: [www.ceasefire.co.uk](http://www.ceasefire.co.uk)

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

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

Product Name	Type	Capacity	Fire Rating	LPCB Ref. No.
000700	CO <sub>2</sub>	2 kg	34B	1329Ab/32
000702	CO <sub>2</sub>	2 kg	34B	1329Ab/33
000701	CO <sub>2</sub>	5 kg	70B	1329Ab/34
000703	CO <sub>2</sub>	5 kg	70B	1329Ab/35
000705	Clean Agent (SP)	2 kg	21B	1329Ab/36
000849	Clean Agent (SP)	2 kg	21B	1329Ab/37
000706	Clean Agent (SP)	4 kg	34B	1329Ab/07
000850	Clean Agent (SP)	4 kg	21B	1329Ab/38
000707	Clean Agent (SP)	6 kg	34B	1329Ab/08
000851	Clean Agent (SP)	6 kg	34B	1329Ab/39
000708	Clean Agent (SP)	9 kg	55B	1329Ab/40
000852	Clean Agent (SP)	9 kg	9 kg	1329Ab/41
000779	Foam (SP)	3 litre	8A / 89B	1329Ab/09
000805	Foam (SP)	3 litre	8A / 89B	1329Ab/10
000715	Foam (SP)	6 litre	13A / 144B	1329Ab/11
000806	Foam (SP)	6 litre	13A / 144B	1329Ab/12
000716	Foam (SP)	9 litre	21A / 233B	1329Ab/13
000807	Foam (SP)	9 litre	21A / 233B	1329Ab/14
000838	Foam Mist (SP)	2 litre	5A / 34B / 25F	1329Ab/15
000696	Foam Mist (SP)	2 litre	5A / 55B / 25F	1329Ab/16
000839	Foam Mist (SP)	6 litre	13A / 113B / 40F	1329Ab/17
000698	Foam Mist (SP)	6 litre	13A / 144B / 40F	1329Ab/18
000730	ABC 50 Powder (SP)	1 kg	5A / 34B	1329Ab/42
000803	ABC 50 Powder (SP)	1 kg	5A / 34B	1329Ab/43
000731	ABC 50 Powder (SP)	2 kg	8A / 70B	1329Ab/44
000804	ABC 50 Powder (SP)	2 kg	8A / 70B	1329Ab/45
000732	ABC 50 Powder (SP)	4 kg	21A / 144B	1329Ab/19
000733	ABC 50 Powder (SP)	6 kg	27A / 183B	1329Ab/20
000734	ABC 50 Powder (SP)	9 kg	43A / 233B	1329Ab/21
000735	ABC 50 Powder (SP)	12 kg	55A / 233B	1329Ab/52
000721	ABC 90 Powder (SP)	1 kg	5A / 21B	1329Ab/46
000722	ABC 90 Powder (SP)	2 kg	13A / 55B	1329Ab/01
000723	ABC 90 Powder (SP)	4 kg	21A / 144B	1329Ab/02
000724	ABC 90 Powder (SP)	6 kg	27A / 183B	1329Ab/03
000725	ABC 90 Powder (SP)	9 kg	43A / 233B	1329Ab/04
000726	ABC 90 Powder (SP)	12 kg	55A / 233B	1329Ab/53
000736	BC Powder (SP)	2 kg	89B	1329Ab/47
000737	BC Powder (SP)	4 kg	233B	1329Ab/05
000738	BC Powder (SP)	6 kg	233B	1329Ab/06
000739	BC Powder (SP)	9 kg	233B	1329Ab/48
000717	Water (SP)	6 litre	13A	1329Ab/22
000798	Water (SP)	6 litre	13A	1329Ab/23
000718	Water (SP)	9 litre	21A	1329Ab/24
000799	Water (SP)	9 litre	21A	1329Ab/54
000709	Water Mist (SP)	2 litre	5A / 25F	1329Ab/25
000710	Water Mist (SP)	3 litre	8A / 25F	1329Ab/26
000711	Water Mist (SP)	6 litre	13A / 75F	1329Ab/27
000712	Water Mist (SP)	9 litre	21A / 75F	1329Ab/28
000780	Wet Chemical (SP)	3 litre	8A / 40F	1329Ab/29
000800	Wet Chemical (SP)	3 litre	8A / 40F	1329Ab/49
000719	Wet Chemical (SP)	6 litre	13A / 75F	1329Ab/30
000801	Wet Chemical (SP)	6 litre	13A / 75F	1329Ab/50
000720	Wet Chemical (SP)	9 litre	21A / 75F	1329Ab/31
000802	Wet Chemical (SP)	9 litre	21A / 75F	1329Ab/51

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

## **PART 2: SECTION 1**

### **PORTABLE FIRE EXTINGUISHERS**

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

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

#### **EMACO GLOBAL LLC**

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

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

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

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

#### **Falck Assistance A/S**

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Tel: +45 7022 1420

E-mail: [falckteknik@falck.dk](mailto:falckteknik@falck.dk) • Website: [www.falckteknik.dk](http://www.falckteknik.dk)

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

#### **Portable Fire Extinguishers**

<b>Product Name</b>	<b>Type</b>	<b>Capacity</b>	<b>Fire rating</b>	<b>LPCB Ref. No.</b>
2557	CO <sub>2</sub>	2 kg	34B	867Ea/10
2558	CO <sub>2</sub>	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

**Fire King Security and Safety Equipment**

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Tel: +971 7 2437050

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

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

**'FIREKING' Portable Fire Extinguishers**

Product Name	Type	Capacity	Fire Rating	LPCB Ref. No.
FKCD2	CO2	2 kg	34B	1092Ma/31
FKCD5	CO2	5 kg	70B	1092Ma/33
FKFM6	Foam (SP)	6 litre	21A/144B	1092Ma/17
FKFM9	Foam (SP)	9 litre	27A/233B	1092Ma/19
FKPD1	ABC Powder (SP)	1 kg	8A/34B	1092Ma/01
FKPD2	ABC Powder (SP)	2 kg	13A/89B	1092Ma/05
FKPD4	ABC Powder (SP)	4 kg	27A/144B	1092Ma/08
FKPD6	ABC Powder (SP)	6 kg	43A/233B	1092Ma/09
FKPD9	ABC Powder (SP)	9 kg	55A/233B	1092Ma/11
FKPD12	ABC Powder (SP)	12 kg	55A/233B	1092Ma/12
FKWT6	Water (SP)	6 litre	13A	1092Ma/24
FKWT9	Water (SP)	9 litre	21A	1092Ma/25
FKWC3	Wet Chemical (SP)	3 litre	13A/70B/40F	1092Ma/22
FKWC6	Wet Chemical (SP)	6 litre	21A/113B/75F	1092Ma/23

**Firemark Ltd.**

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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 <sub>2</sub>	2 kg	34B	867Ca/10
C5/1S	CO <sub>2</sub>	5 kg	89B	867Ca/11
F2/1	Foam (SP)	2 litre	8A / 55B	867Ca/21
F6/1	Foam (SP)	6 litre	21A/183B	867Ca/12
F6/2	Foam (SP)	6 litre	34A / 183B	867Ca/20
F9/1	Foam (SP)	9 litre	27A/233B	867Ca/13
P1/1	ABC Powder (SP)	1 kg	8A/55B	867Ca/04
P2/1	ABC Powder (SP)	2 kg	13A/89B	867Ca/01
P4/1	ABC Powder (SP)	4 kg	27A/233B	867Ca/07
P6/1	ABC Powder (SP)	6 kg	43A/233B	867Ca/02
P9/1	ABC Powder (SP)	9 kg	55A/233B	867Ca/08
W6/1	Water (SP)	6 litre	13A	867Ca/17
W9/1	Water (SP)	9 litre	21A	867Ca/09
WA6/2	Water Additive (SP)	6 litre	21A	867Ca/19
WC6/1	Wet Chemical (SP)	6 litre	21A/ 113B/ 75F	867Ca/16

## **PART 2: SECTION 1**

### **PORTABLE FIRE EXTINGUISHERS**

#### **Fullblaze Middle East**

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E-mail: [info@fullblaze-me.com](mailto:info@fullblaze-me.com) • Website: [www.fullblaze-me.com](http://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 <sub>2</sub>	2 kg	34B	1092Ea/31
FBCD5	CO <sub>2</sub>	5 kg	70B	1092Ea/33
FBFM6S	Foam (SP)	6 litre	21A/144B	1092Ea/17
FBFM9S	Foam (SP)	9 litre	27A/233B	1092Ea/19
FBPD1E	ABC Powder (SP)	1 kg	8A/34B	1092Ea/01
FBPD2S	ABC Powder (SP)	2 kg	13A/89B	1092Ea/05
FBPD6S	ABC Powder (SP)	6 kg	43A/233B	1092Ea/09
FBPD9S	ABC Powder (SP)	9 kg	55A/233B	1092Ea/11
FBPD12	ABC Powder (SP)	12 kg	55A/233B	1092Ea/12

#### **Jactone Products Limited**

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Tel: +44 (0)1902 357777 • Fax: +44 (0)1902 357711  
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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 <sub>2</sub>	2 kg	34B	783b/02
EC2F	CO <sub>2</sub>	2 kg	55B	783b/03
EC5	CO <sub>2</sub>	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 Fire Group Limited**

Units A1-A3 Aldwarke Wharf Business Park, Waddington Way, Aldwarke, Rotherham S65 3SH, United Kingdom  
Tel: +44 (0)1709 703223 • Fax: +44 (0)1709 543305  
E-mail: [sales@jewelfiregroup.com](mailto:sales@jewelfiregroup.com) • Website: [www.jewelfiregroup.com](http://www.jewelfiregroup.com)

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

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

Product Name	Type	Capacity	Fire Rating	LPCB Ref. No.
1WMX	Water Mist (SP)	1 litre	5F	1094b/01



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

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

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

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

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

**Lingjack Engineering Works PTE Ltd**

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

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

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

**Portable fire extinguishers**

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
C-9FSE (1)	Foam	9 litre	34A/233B	501a/08
C-9FCE (1)	Foam (GC)	9 litre	34A/233B	501a/11
C-1ASE (1)	ABC Powder (SP)	1kg	5A/55B	501a/01
C-2ASE (1)	ABC Powder (SP)	2kg	13A/55B	501a/02
C-3ASE (1)	ABC Powder (SP)	3kg	13A/55B	501a/03
C-4ASE (1)	ABC Powder (SP)	4kg	21A/144B	501a/04
C-6ASE (1)	ABC Powder (SP)	6kg	34A/233B	501a/05
C-9ASE (1)	ABC Powder (SP)	9kg	43A/233B	501a/06
C-6ACE (1)	ABC Powder (GC)	6 kg	27A/233B	501a/16
C-9ACE (1)	ABC Powder (GC)	9 kg	43A/233B	501a/17
C-12ACE (1)	ABC Powder (GC)	12 kg	55A/233B	501a/18
C-9MSE(1)	BC Powder (SP)	9 kg	233B	501a/19
C-9PKSE(1)	BC Powder (SP)	9 kg	233B	501a/20
C-12PKCE(1)	BC Powder (GC)	12 kg	233B	501a/21
C-6WSE (1)	Water (SP)	6 litre	8A	501a/09
C-9WSE (1)	Water (SP)	9 litre	13A	501a/10
C-9WSEA (1)	Water additive (SP)	9 litre	21A	501a/12
C-9WCEA (1)	Water additive (GC)	9 litre	21A	501a/13
Q-2CSEC (2)	Carbon dioxide	2 kg	34B	501a/14
Q-5CSEC (2)	Carbon dioxide	5 kg	55B	501a/15
Q-6SF (2)	Foam	6 litre	8A/113B	501a/07
Q-9SF (2)	Foam	9 litre	34A/233B	501a/08
Q-9CF (2)	Foam (GC)	9 litre	34A/233B	501a/11
Q-1SP (2)	ABC Powder (SP)	1 kg	5A/55B	501a/01
Q-2SP (2)	ABC Powder (SP)	2 kg	13A/55B	501a/02
Q-3SP (2)	ABC Powder (SP)	3 kg	13A/55B	501a/03
Q-4SP (2)	ABC Powder (SP)	4 kg	21A/144B	501a/04
Q-6SP (2)	ABC Powder (SP)	6 kg	34A/233B	501a/05
Q-9SP (2)	ABC Powder (SP)	9 kg	43A/233B	501a/06
Q-9MSE(2)	BC Powder (SP)	9 kg	233B	501a/19
Q-9PKSE(2)	BC Powder (SP)	9 kg	233B	501a/20
Q-12PKCE(2)	BC Powder (GC)	12 kg	233B	501a/21
Q-6SW (2)	Water (SP)	6 litre	8A	501a/09
Q-9SWE (2)	Water (SP)	9 litre	13A	501a/10
Q-9WSEA (2)	Water additive (SP)	9 litre	21A	501a/12
Q-9WCEA (2)	Water additive (GC)	9 litre	21A	501a/13
Q-6CP (2)	ABC Powder (GC)	6 kg	27A/233B	501a/16
Q-9CP (2)	ABC Powder (GC)	9 kg	43A/233B	501a/17
Q-12CP (2)	ABC Powder (GC)	12 kg	55A/233B	501a/18

# PART 2: SECTION 1

## PORTABLE FIRE EXTINGUISHERS

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

### Portable Fire Extinguishers

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

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

### Portable Fire Extinguishers

Product Name	Type	Capacity	Fire Rating	LPCB Ref. No.
NHFC4	Clean Agent (SP)	4 kg	34B	463a/33
NHFC6	Clean Agent (SP)	6 kg	5A/55B	463a/34
NHFC9	Clean Agent (SP)	9 kg	8A/70B	463a/35
NHFC12	Clean Agent (SP)	12 kg	13A/70B	463a/36
NC2	CO <sub>2</sub>	2 kg	34B	463a/01
NCS2	CO <sub>2</sub>	2 kg	34B	463a/06
NCZ2	CO <sub>2</sub>	2 kg	55B	463a/07
NC5	CO <sub>2</sub>	5 kg	55B	463a/02
NC5X	CO <sub>2</sub>	5 kg	70B	463a/15
NCA5X	CO <sub>2</sub>	5 kg	70B	463a/16
NF 2EB	Eco Barid Foam (SP)	2 litre	8A/89B/5F	463a/39
NF 3EB	Eco Barid Foam (SP)	3 litre	8A/113B/25F	463a/40
NF 6EB	Eco Barid Foam (SP)	6 litre	21A/183B/40F	463a/41
NF 9EB	Eco Barid Foam (SP)	9 litre	27A/183B/40F	463a/42
NF3	Foam (SP)	3 litre	8A/70B	463a/17
NF3X	Foam (SP)	3 litre	8A/70B	463a/18
NF6	Foam (SP)	6 litre	21A/144B	463a/08
NF6X	Foam (SP)	6 litre	27A/144B	463a/19
NF9	Foam (SP)	9 litre	21A/183B	463a/09
NF9X	Foam (SP)	9 litre	27A/233B	463a/20
NFA9	Foam (SP)	9 litre	21A/183B	463a/21
NFC6X	Foam (GC)	6 litre	27A/144B	463a/26
NFC9X	Foam (GC)	9 litre	34A/233B	463a/27
NP1	ABC Powder (SP)	1 kg	8A/34B	463a/05
NP2	ABC Powder (SP)	2 kg	13A/70B	463a/37
NP3	ABC Powder (SP)	3 kg	21A/89B	463a/28
NP4	ABC Powder (SP)	4 kg	21A/113B	463a/10
NP6	ABC Powder (SP)	6 kg	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

**Nasr Awwadeh Factory for Fire Fighting & Safety Equipment**

Building No. 7, Mohammed Al Khodary Street, P.O. Box 330339, Marka 11134, Amman, Jordan

Tel: +962 6 488 1999 • Fax: +962 6 488 8861

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

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

**'NAF' Portable Fire Extinguishers**

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

**SensorTech Firefighting and Safety Equipment Trading**

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

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

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

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

**'WETPLUG' Portable Fire Extinguishers**

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

## PART 2: SECTION 1

### PORTABLE FIRE EXTINGUISHERS

#### Sentura Group (including Fire Depot and Firechief Global)

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

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

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

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 <sub>2</sub>	2 kg	34B	1093a/30
FXCD2S	CO <sub>2</sub>	2 kg	34B	1093a/31
FXCD5	CO <sub>2</sub>	5 kg	70B	1093a/32
FXCD5S	CO <sub>2</sub>	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
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

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

Baishuicong Industrial Park, Lianglong Town, Yuyao City, Zhejiang, China

Tel: +86-21-61602389 • Fax: +86-21-61602389 ext. 805

E-mail: [export@yytianbo.cn](mailto:export@yytianbo.cn) • Website: [www.yytianbo.cn](http://www.yytianbo.cn)

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

**Portable Fire Extinguishers**

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

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

**Zhejiang Orientx Fire Safety Equipment Co., Ltd.**

Wucheyan, Huangjiabu Town, Yuyao City, Zhejiang 315466, China

Tel: 0086-574-62003908 • Fax: 0086-574-62003933

E-mail: [chendian@orientxfire.com](mailto:chendian@orientxfire.com) • Website: <http://www.orientxfire.com>

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

## **PART 2: SECTION 1**

### **PORTABLE FIRE EXTINGUISHERS**

#### **Portable Fire Extinguishers**

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

#### **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: 867a to EN 3-7:2004+A1:2007, EN 3-8:2006 & EN 3-9:2006

#### **RUIHUA Portable Fire Extinguishers**

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

This certification scheme has been withdrawn

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

Fire Hose Reels should be selected, sited, serviced and maintained in accordance with the relevant code of practice. 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**

P.O.Box 97316, Obaid Warehouse #8, Qusais Ind Area 5, Dubai, United Arab Emirates

Tel: +971 4883 7662 • Fax: +971 4320 9378

E-mail: [info@a1firefighting.com](mailto:info@a1firefighting.com) • Website: [www.a1firefighting.com](http://www.a1firefighting.com)

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

#### **'A1 FIRE FIGHTING' Fire Hose Reels**

<b>Product Name</b>	<b>Description</b>	<b>Hose Nominal Bore (mm)</b>	<b>Hose Maximum Length (m)</b>	<b>Nozzle type</b>	<b>LPCB Ref. No.</b>
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



**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](mailto:Sharqawi61@yahoo.com) • Website: [www.tahadi-fire.com](http://www.tahadi-fire.com)

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

**Angus Fire Ltd.**

Station Road, Bentham, Lancaster LA2 7NA, United Kingdom

Tel: +44 (0)1524 264000 • Fax: +44 (0)1524 264180

E-mail: [general.enquiries@angusuk.co.uk](mailto:general.enquiries@angusuk.co.uk) • Website: [www.angusfire.co.uk](http://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

**Armor Safety & Security Ltd**

120 Baker Street, London W1U 6TU, United Kingdom

Tel: +971506531199

Website: [www.armorsafety.org](http://www.armorsafety.org)

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

**'Armor' Fire Hose Reels**

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

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

#### **Asiatic Fire System Pte Ltd.**

65 Joo Koon Circle 629078, Singapore

Tel: +65 6863 0188 • Fax: +65 6897 9220

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

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

#### **KILLFIRE Fire Hose Reel**

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

#### **Bahri & Mazroei Technical Systems Co. LLC**

BMTC Building, PO Box 1247, Al Khabaisi, Dubai, United Arab Emirates

Tel: +971 4 269 9051 • Fax: +971 4 269 9052

E-mail: [Svetlana.Kostetskaya@bmtc.ae](mailto:Svetlana.Kostetskaya@bmtc.ae) • Website: [www.bmts.ae](http://www.bmts.ae)

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

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

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

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

B-606, Tian Yuan Gang, No. 2 Dongsanhuan North, Chaoyang, Beijing 100027, China

Tel: +86 10 64680818 • Fax: +86 10 64680816

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

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

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

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

## PART 2: SECTION 3

### FIRE HOSE REELS

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

#### BETA Corporation s.r.o

Slavojova 579/9, Prague 2, Nusle 128 00, Czech Republic

Tel: +420 721 554 641

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

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

#### BETA Fire Hose Reels

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

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

#### 'BGS' Fire Hose Reels

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

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Certificate No: 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

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

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

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

#### **'C fire' Fire Hose Reels**

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

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

#### **'CHOIFAT' Fire Hose Reels**

<b>Product Name</b>	<b>Description</b>	<b>Hose Nominal Bore (mm)</b>	<b>Hose Maximum Length (m)</b>	<b>Nozzle type</b>	<b>LPCB Ref. No.</b>
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

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Certificate No: 1092Hd to EN 671-1

**PART 2: SECTION 3**

## FIRE HOSE REELS

**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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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

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

#### 'DIMEX PROTECTION' Fire Hose Reels

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

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

#### 'EMACO' Fire Hose Reels

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

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

**'BK FIRE' Fire Hose Reels**

Product Name	Description	Hose Nominal Bore (mm)	Hose Maximum Length (m)	Nozzle type	LPCB Ref. No.
BKF3330DZ	Manual, swinging arm, wall mounted	33	30	Rotary operated jet/spray or lever operated jet/spray	1127Ca/07

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

**'EUROFEU' Fire Hose Reels**

Product Name	Description	Hose Nominal Bore (mm)	Hose Maximum Length (m)	Nozzle type	LPCB Ref. No.
ERF2530AP	Automatic, swinging arm, wall mounted	25	30	Rotary operated jet/spray	1127Aa/01
ERF2530P	Manual, swinging arm, wall mounted	25	30	Rotary operated jet/spray	1127Aa/02
ERF3330P	Manual, swinging arm, pillar or wall mounted	33	30	Rotary operated jet/spray or lever operated jet/spray	1127Aa/07

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Certificate No: 734a to 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
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

## 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-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"

### Exon For Fire Protection Inc.

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

### EZULA Fire Hose Reels

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



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

**'FST' Fire Hose Reels**

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

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

**'FireKing' 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	1092Md/03
FKSM19	Swinging, manual, wall mounted	19	30	Rotary operated spray	1092Md/04
FKSA25	Swinging, automatic, wall mounted	25	30	Rotary operated spray	1092Md/07
FKSM25	Swinging, manual, wall mounted	25	30	Rotary operated spray	1092Md/08

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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

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

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

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

### **Fullblaze Fire Hose Reels**

<b>Product Name</b>	<b>Description</b>	<b>Hose Nominal Bore (mm)</b>	<b>Hose Maximum Length (m)</b>	<b>Nozzle type</b>	<b>LPCB Ref. No.</b>
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

### **GENCO for Electro-Mechanical Systems L.L.C**

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

### **Fire Hose Reels**

<b>Product Name</b>	<b>Description</b>	<b>Hose Nominal Bore (mm)</b>	<b>Hose Maximum Length (m)</b>	<b>Nozzle type</b>	<b>LPCB Ref. No.</b>
GENCO GEN-ASP-A	Automatic, swinging arm, cabinet or wall mounted	25	30	Lever operated jet only or rotary operated jet/spray	1038ARa/04
GENCO GEN-MSP-M	Manual, swinging pipe, cabinet or wall mounted	25	30	Lever operated jet only or rotary operated jet/spray	1038ARa/14-1
GENTEC GEN-MSP-G	Manual, swinging pipe, cabinet or wall mounted	25	30	Lever operated jet only or rotary operated jet/spray	1038ARa/14-2

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

**PART 2: SECTION 3**

## FIRE HOSE REELS

**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
'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

## PART 2: SECTION 3

### FIRE HOSE REELS

Certificate No: 501b to BS EN 671-1

#### 'Will' Fire Hose Reels

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

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

#### 'ULTRA' Fire Hose Reels

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

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Certificate No: 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

**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	
MBK15-30BD	Manual, swinging door, cabinet mounted	19	30	Rotary operated jet/spray	
NRF-9202502	Manual, swinging door, cabinet mounted	19	30	Rotary operated jet/spray	

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Certificate No: 1038Pa to EN 671-1

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

#### **Fire Hose Reels**

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

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

#### **'MORX' Fire Hose Reels**

<b>Product Name</b>	<b>Description</b>	<b>Hose Nominal Bore (mm)</b>	<b>Hose Maximum Length (m)</b>	<b>Nozzle type</b>	<b>LPCB Ref. No.</b>
MXR-01-MA	Manual, swinging arm, cabinet or wall mounted	25	30	Lever operated jet only or rotary operated jet/spray	1038AWa/02
MXR-02-AA	Automatic, swinging arm, cabinet or wall mounted	25	30	Lever operated jet only or rotary operated jet/spray	1038AWa/04
MXR-03-MP	Manual, swinging pipe, cabinet or wall mounted	25	30	Lever operated jet only or rotary operated jet/spray	1038AWa/10
MXR-04-AP	Automatic, swinging pipe, cabinet or wall mounted	25	30	Lever operated jet only or rotary operated jet/spray	1038AWa/11
MXR-06-B	Manual, swinging pipe, cabinet or wall mounted	25	30	Lever operated jet only or rotary operated jet/spray	1038AWa/14
MXR-05-D	Automatic, swinging pipe, cabinet or wall mounted	25	30	Lever operated jet only or rotary operated jet/spray	1038AWa/18

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

#### **'MORX' Fire Hose Reels**

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

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Certificate No: 463d to EN 671-1

**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/13	
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.		463d/14
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.		



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: 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

**Power Saints Ltd.**

Tianhua Industrial District, Langxia Street Scene, Yuyao City, Zhejiang 315480, China

Tel: 0086 (0)571 85772095 • Fax: 0086 (0)571 85772094

E-mail: [jose@powersaints.com](mailto:jose@powersaints.com) • Website: [www.saintsea.com](http://www.saintsea.com)

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

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

<b>Product Name</b>	<b>Description</b>	<b>Hose nominal bore (mm)</b>	<b>Hose maximum length (m)</b>	<b>Nozzle type</b>	<b>LPCB Ref. No.</b>
PSHR3330SF	Manual, swinging arm, pillar or wall mounted	33	30	Rotary operated jet/spray or lever operated jet/spray	1127a/07

#### **Rapidrop Global Limited**

Rutland Business Park, Newark Road, Peterborough PE1 5WA, United Kingdom

Tel: +44 (0)1733 847 510 • Fax: +44 (0)1733 553 958

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

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

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

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

#### **Sanal Srl**

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

#### **S&L Fire Hose Reels**

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

**SensorTech Firefighting and Safety Equipment Trading**

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

**'WETPLUG' Fire Hose Reels**

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

**Sentura Group (including Fire Depot and Firechief Global)**

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

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

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

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

#### **'FIRECHIEF REELMAX' Fire Hose Reels**

<b>Product Name</b>	<b>Description</b>	<b>Hose Nominal Bore (mm)</b>	<b>Hose Maximum Length (m)</b>	<b>Nozzle type</b>	<b>LPCB Ref. No.</b>
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

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

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

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

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

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

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

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

**Shanghai Iron Man Fire Fighting Equipment Co., Ltd.**

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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-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**

<b>Product Name</b>	<b>Description</b>	<b>Hose nominal bore (mm)</b>	<b>Hose maximum length (m)</b>	<b>Nozzle type</b>	<b>LPCB Ref. No.</b>
CSJR-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**

<b>Product Name</b>	<b>Description</b>	<b>LPCB Ref. No.</b>
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**

<b>Product Name</b>	<b>Description</b>	<b>LPCB Ref. No.</b>
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	

**VALMECA MAROC S.A.R.L.**

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Certificate No: 1038A1a 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	1038A1a/02
VM001	Manual, swinging arm, wall mounted	33	30	Rotary operated jet/spray	1038A1a/05
VM002	Manual, swinging pipe, cabinet or wall mounted	25	30	Lever operated jet only or rotary operated jet/spray	1038A1a/10
VM002A	Manual, swinging arm, wall mounted	25	30	Lever operated jet only or rotary operated jet/spray	1038A1a/12
VM002B	Manual, swinging pipe, cabinet or wall mounted	25	30	Lever operated jet only or rotary operated jet/spray	1038A1a/14

**Watania For Advanced Systems**

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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

**Watania For Modern Industries**

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

## **PART 2: SECTION 3**

### **FIRE HOSE REELS**

#### **'WATANIA' Fire Hose Reels**

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

#### **Watania for Trading and Engineering (Sherif Shaker & Corp.)**

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

#### **'Watania' Fire Hose Reels**

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

#### **Watex Pumps Industries**

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

#### **WATEX Fire Hose Reels**

<b>Product Name</b>	<b>Description</b>	<b>Hose Nominal Bore (mm)</b>	<b>Hose Maximum Length (m)</b>	<b>Nozzle type</b>	<b>LPCB Ref. No.</b>
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

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

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

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

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

**PART 2: SECTION 3**

## FIRE HOSE REELS

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

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

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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
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	

## **PART 2: SECTION 4**

### **FIRE BLANKETS**

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](mailto:Sharqawi61@yahoo.com) • Website: [www.tahadi-fire.com](http://www.tahadi-fire.com)

Certificate No: 1434Da to EN 1869:2019

#### **Fire Blankets**

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

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

Certificate No: 1434Ca to EN 1869:2019

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

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

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

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

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 1869:2019

**'JIANGNAN' CS08 Fire Blankets**

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

**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 1869:2019

**Fire Blankets**

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

**Jactone Products Limited**

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

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

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

Certificate No: 783e to EN 1869:2019

**Jactone JT510 Fire Blankets**

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

## **PART 2: SECTION 4**

### **FIRE BLANKETS**

#### **NAFFCO FZ Co**

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Tel: +971 4815111 • Fax: +971 48151222  
E-mail: [natfire@emirates.net.ae](mailto:natfire@emirates.net.ae) • Website: [www.naffco.com](http://www.naffco.com)

Certificate No: 463c to EN 1869:2019

#### **'NAFFCO' Fire Blankets**

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

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

P.O.Box 231728, Office No. 506, Al Saud Building, Al Qusais – 4, Dubai, United Arab Emirates  
Tel: +971 422 323 31 • Fax: +971 422 323 40  
E-mail: [info@sensortechuae.com](mailto:info@sensortechuae.com) • Website: [www.sensortechuae.com](http://www.sensortechuae.com)

Certificate No: 1434Ea to EN 1869:2019

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

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

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

Certificate No: 1434Aa to EN 1869:2019

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

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

*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>

## ***PART 2: SECTION 5.1***

### LANDING VALVES

Landing valves are listed as follows:-

Wet landing valves - Section 5.1.1

Dry landing valves - Section 5.1.2



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*

**EMACO GLOBAL LLC**

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Tel: +1-909-907-9492 • Fax: +1-909-907-9492  
E-mail: [info@emacoglobal.com](mailto:info@emacoglobal.com) • Website: [www.emacoglobal.com](http://www.emacoglobal.com)

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

**'EMACO' Wet Landing Valves**

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

Notes:

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

**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](mailto:sales@knowsleysk.co.uk) • Website: [www.knowsleysk.co.uk](http://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

## PART 2: SECTION 5.1.1

### WET LANDING VALVES

Product Name	Description	LPCB Ref. No.
3133	DN65, oblique type, high pressure, flanged inlet (alternative flange drilling combinations 3" and 4", 150lb and 300lb), screwed BS 336 outlet (2 1/2" BSP, NPT, NST thread types), globe valve	1480b/07
3134	2 1/2", oblique type, high pressure, male threaded inlet (BSP parallel, NPT and NST), screwed BS 336 outlet (2 1/2" 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](mailto:combat@lingjack.com) • Website: [www.combat.com.sg](http://www.combat.com.sg)

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

#### 'Lingjack' Wet Landing Valves

Product Name	Description	LPCB Ref. No.
LV-DR25	2 1/2" PN16, oblique, screwed inlet, low pressure	501c/01
LV-OF25	2 1/2" PN16, oblique, flanged inlet, low pressure	501c/02
LV-RA25	2 1/2" PN16, right angle, screwed inlet, low pressure	501c/03
LV-RAF25	2 1/2" PN16, right angle, flanged inlet, low pressure	501c/04
LV-HS25	2 1/2" PN16, horizontal, screwed inlet, low pressure	501c/05
LV-HF25	2 1/2" PN16, horizontal, flanged inlet, low pressure	501c/06
LV-BNS25	2 1/2" PN16, bib nosed, screwed inlet, low pressure	501c/07
LV-BNF25	2 1/2" PN16, bib nosed, flanged inlet, low pressure	501c/08
DH61 screw	2 1/2", bib nosed, screwed inlet, high pressure	501c/09
DH61 flange	2 1/2", bib nosed, flanged inlet, high pressure	501c/10
DV-RAF25	2 1/2" PN16, diaphragm valve, right angle, flanged inlet, low pressure	501c/11
DV-HF25	2 1/2" PN16, diaphragm valve, horizontal, flanged inlet, low pressure	501c/12
LV-BNF25	2 1/2" 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.

### MOBIK 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](mailto:sales@mobiak.gr) • Website: <http://www.mobiak.gr>

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

#### 'MOBIK' 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 1/2" BSP female threaded inlet, oblique type, low pressure	1153Ae/03
MBK06-198B1-00	2 1/2" 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 1/2" BSPT male threaded inlet, right angle type, low pressure	1153Ae/07
MBK06-200A1-00	2 1/2" 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 1/2" 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 1/2" 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**

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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 Kaixuan Fire Control Equipment Co., Ltd.**

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

**'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

## **PART 2: SECTION 5.1.1**

### **WET LANDING VALVES**

#### **Shah Bhogilal Jethalal & Brothers**

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

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

#### **'AAAG' Wet Landing Valves**

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

#### **Shanghai Firetech Co. Ltd.**

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E-mail: [info@firetechsh.com](mailto:info@firetechsh.com) • Website: [www.firetechsh.com](http://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
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](mailto:rachel.yan@jsfire.com.cn) • Website: [www.jsfire.com.cn](http://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**

5150 Beltway Drive SE, Caledonia, Michigan 49316, 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

## **PART 2: SECTION 5.1.1**

### **WET LANDING VALVES**

<b>Product Name</b>	<b>Description</b>	<b>LPCB Ref. No.</b>
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

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.*

## **PART 2: SECTION 5.2**

### **INLET BREECHINGS**

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*

#### **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](mailto:info@emacoglobal.com) • Website: [www.emacoglobal.com](http://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](mailto:firex@emirates.net.ae) • Website: [www.firexuae.com](http://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

#### **Lingjack Engineering Works PTE Ltd**

No. 1 Woodlands Terrace, #03-01 Lingjack Industrial Building 738471, Singapore  
Tel: +65 6759 4163 • Fax: +65 6758 7513  
E-mail: [combat@lingjack.com](mailto:combat@lingjack.com) • Website: [www.combat.com.sg](http://www.combat.com.sg)

Certificate No: 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 Kaixuan Fire Control Equipment Co., Ltd.**

No. 999 Zhonghe Road, Huangjiabu Town, Yuyao City, Zhejiang Province 315466, China

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

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

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

**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

## **PART 2: SECTION 5.2**

### **INLET BREECHINGS**

#### **Shah Bhogilal Jethalal & Brothers**

72, Siddhi Vinayak Estate, Opp. Ramdev Kitchen Express, Santej-Vadsar Road, Village : Santej, Taluka : Kalol, District : Gandhinagar, Gujarat 382721, India

Tel: +91 2764 268612 to 15

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

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

#### **'AAAG' Inlet Breechings**

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

#### **Shanghai Firetech Co. Ltd.**

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

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

E-mail: [rachel.yan@jsfire.com.cn](mailto:rachel.yan@jsfire.com.cn) • Website: [www.jsfire.com.cn](http://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

#### **The Viking Corporation**

5150 Beltway Drive SE, Caledonia, Michigan 49316, USA

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

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

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

**PART 2: SECTION 5.2**  
INLET BREECHINGS

***Viking Corp Fireking Inlet Breechings***

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

## **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.*

#### **Al Ayed Hoses Factory**

P.O.Box 26381, Riyadh 11486, Kingdom of Saudi Arabia  
Tel: +966 11 4106423 • Fax: +966 11 4552036  
E-mail: [info@ayed-sa.com](mailto:info@ayed-sa.com) • Website: [www.ayed-sa.com](http://www.ayed-sa.com)

Certificate No: 1585a to EN 694:2014

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

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

#### **NAFFCO FZ Co**

PO Box 17014, Jebel Ali, Dubai, United Arab Emirates  
Tel: +971 4815111 • Fax: +971 48151222  
E-mail: [natfire@emirates.net.ae](mailto:natfire@emirates.net.ae) • Website: [www.naffco.com](http://www.naffco.com)

Certificate No: 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](mailto:mkt-hongrun@hr-fire.com) • Website: [www.hr-fire.com](http://www.hr-fire.com)

Certificate No: 1288a to EN 694:2014

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

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

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

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

Certificate No: 1038b to 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
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](mailto:shanling@outlook.com); [shanling1@foxmail.com](mailto:shanling1@foxmail.com) • Website: [www.tntqxf.com](http://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 concentrated in a hanging rack adjacent to a dry riser in a fixed location within a building ensuring a fast and easily available source of large quantities of water. A branch (nozzle) is usually also supplied at this location.

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

BS 6391:2009 *Requirements for non-percolating layflat delivery hoses and hose assemblies for fire fighting purposes.*

#### **NAFFCO FZ Co**

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

Tel: +971 4815111 • Fax: +971 48151222

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

Certificate No: 463g to BS 6391

#### ***Layflat delivery hoses***

<b>Product Name</b>	<b>Model</b>	<b>LPCB Ref. No.</b>
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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**NAFFCO FZ Co**

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

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

Certificate No: 1280Fa to EN 14384:2005

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

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

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

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

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

E-mail: [firex@emirates.net.ae](mailto:firex@emirates.net.ae) • Website: [www.firexuae.com](http://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](mailto:info@eversafe.net) • Website: [www.eversafe.net](http://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](mailto:ahmed.shalaby@exonfire.com) • Website: [www.exonfire.com](http://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

### Fireguard Global Ltd.

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Certificate No: 1280Ha to EN 14384:2005

#### 'FIREGUARD' Pillar fire hydrants

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

### NAFFCO FZ Co

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

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

## PART 2: SECTION 5.6

### PILLAR FIRE HYDRANTS

Product Name	Inlet size	Hose Outlet	Pumper Outlet	LPCB Ref. No.
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 NFHQ - 800	4 (DN 100)	2 x G2½" BS 336 quick coupling	1 x G4 (100mm)	463n/11
100 NFHQ - 1200	4 (DN 100)	2 x G2½" BS 336 quick coupling	1 x G4 (100mm)	463n/12
150 NFHQ - 800	6 (DN 150)	2 x G2½" BS 336 quick coupling	1 x G4 (100mm)	463n/13
150 NFHQ - 1200	6 (DN 150)	2 x G2½" BS 336 quick coupling	1 x G4 (100mm)	463n/14
100 NFHQ - 800	4 (DN 100)	2 x G2½" BS 336 quick coupling	1 x G4 (100mm)	463n/15
100 NFHQ - 1200	4 (DN 100)	2 x G2½" BS 336 quick coupling	1 x G4 (100mm)	463n/16
150 NFHQ - 800	6 (DN 100)	2 x G2½" BS 336 quick coupling	1 x G4 (100mm)	463n/17
150 NFHQ - 1200	6 (DN 150)	2 x G2½" BS 336 quick coupling	1 x G4 (100mm)	463n/18

### National Factory for Security & Safety Equipment LLC

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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

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Certificate No: 1280a to EN 14384:2005

### 'FLAMETECH' 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

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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**

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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
HYF3	6 (DN 150)	2 X 2.5 BSP (65mm)	1 x 4 BSP (100mm)	096w/03
HYF4	6 (DN 150)	2 X 2.5 BSP (65mm)	1 x 4 BSP (100mm)	096w/04

## **PART 2: SECTION 5.7**

### **GATE VALVES**

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

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

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

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Certificate No: 1153Ab to BS 5154:1991

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

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

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Certificate No: 1153b to BS 5154:1991

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

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

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

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Certificate No: 1153Af to BS 336:2010

**'MOBIAK' Delivery Hose Couplings**

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

## **PART 2: SECTION 5.8**

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

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

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Certificate No: 1153f to BS 336:2010

#### **Delivery hose couplings**

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

Certificate No: 1153g to BS 336:2010

#### **Standpipes**

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

#### **Shah Bhogilal Jethalal & Brothers**

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Certificate No: 1584c to BS 336:2010

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

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

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 CO<sub>2</sub> extinguishers and manoeuvred by an operator on foot only. This standard does not cover fire tests for class C and class F fires but the extinguishing media can be effective on these types of fire. Class D fires are considered to be very specialist application and are not included.

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

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

### 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 <sub>2</sub> - 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 and the compliance mark is the Wheel-mark.

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

EN 1866-1:2007 - Mobile fire extinguishers

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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 <sub>2</sub>	10 kg	144 B	1092Ac/01
PRO-20-CD	CO <sub>2</sub>	20 kg	183 B	1092Ac/02
PRO-30-CD	CO <sub>2</sub>	30 kg	183 B	1092Ac/03
PRO-50-MF	Foam (Stored Pressure)	50 litre	IV B	1092Ac/04
PRO-100-MF	Foam (Stored Pressure)	100 litre	IV B	1092Ac/05
PRO-25-MDC	ABC Powder (Stored Pressure)	25 kg	II B	1092Ac/06
PRO-50-MDC	ABC Powder (Stored Pressure)	50 kg	IV B	1092Ac/07
PRO-100-MDC	ABC Powder (Stored Pressure)	100 kg	IV B	1092Ac/08

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

#### **'CEASEFIRE' Mobile Fire Extinguishers**

Product Name	Type	Capacity	Fire Rating	LPCB Ref. No.
CF-000740	CO <sub>2</sub>	20 kg	113 B	1329i/20
CF-000754	Foam (Cartridge Operated)	50 litre	IV B	1329i/21
CF-001019	Foam (Cartridge Operated)	50 litre	IV B	1329i/22
CF-000747	Foam (Stored Pressure)	25 Litre	IV B	1329i/01
CF-000748	Foam (Stored Pressure)	50 Litre	IV B	1329i/02
CF-000753	Foam (Stored Pressure)	50 litre	IV B	1329i/23
CF-001018	Foam (Stored Pressure)	50 Litre	IV B	1329i/03
CF-000749	Foam (Stored Pressure)	100 Litre	IV B	1329i/04
CF-001020	Foam (Stored Pressure)	100 litre	IV B	1329i/24



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

Product Name	Type	Capacity	Fire Rating	LPCB Ref. No.
CF-001021	Foam (Stored Pressure)	100 Litre	IV B	1329i/05
CF-001022	Foam (Stored Pressure)	135 litre	IV B	1329i/25
CF-000744	Foam Mist (Stored Pressure)	25 Litre	IV B	1329i/06
CF-000750	Foam Mist (Stored Pressure)	25 Litre	I B	1329i/07
CF-000745	Foam Mist (Stored Pressure)	50 Litre	IV B	1329i/08
CF-000751	Foam Mist (Stored Pressure)	50 Litre	IV B	1329i/09
CF-000746	Foam Mist (Stored Pressure)	100 Litre	IV B	1329i/10
CF-000752	Foam Mist (Stored Pressure)	100 Litre	IV B	1329i/11
CF-000811	ABC 50 Powder (Cartridge Operated)	25 kg	II B	1329i/26
CF-000812	ABC 50 Powder (Cartridge Operated)	50 kg	IV B	1329i/27
CF-000808	ABC 50 Powder (Stored Pressure)	25 kg	IV B	1329i/12
CF-000809	ABC 50 Powder (Stored Pressure)	50 kg	IV B	1329i/13
CF-000810	ABC 50 Powder (Stored Pressure)	100 kg	IV B	1329i/14
CF-000756	Water (Cartridge Operated)	50 litre	-	1329i/28
CF-001032	Water (Cartridge Operated)	50 litre	-	1329i/29
CF-000755	Water (Stored Pressure)	50 litre	-	1329i/30
CF-001031	Water (Stored Pressure)	50 litre	-	1329i/15
CF-000886	Water (Stored Pressure)	100 litre	-	1329i/31
CF-001033	Water (Stored Pressure)	100 litre	-	1329i/16
CF-000973	Water (Stored Pressure)	135 litre	-	1329i/32
CF-000741	Water Mist (Stored Pressure)	25 litre	-	1329i/17
CF-000742	Water Mist (Stored Pressure)	50 litre	-	1329i/18
CF-000743	Water Mist (Stored Pressure)	100 litre	-	1329i/19

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

**'CEASEFIRE' & 'SECUREZONE' Mobile Fire Extinguishers**

Product Name	Type	Capacity	Fire Rating	LPCB Ref. No.
000740	CO <sub>2</sub>	20 kg	113 B	1329Ai/20
000754	Foam	50 litre	IV B	1329Ai/21
001019	(Cartridge Operated) Foam	50 litre	IV B	1329Ai/22
000747	(Cartridge Operated) Foam	25 litre	IV B	1329Ai/01
000748	(Stored Pressure) Foam	50 litre	IV B	1329Ai/02
000753	(Stored Pressure) Foam	50 litre	IV B	1329Ai/23
001018	(Stored Pressure) Foam	50 litre	IV B	1329Ai/03
000749	(Stored Pressure) Foam	100 litre	IV B	1329Ai/04
001020	(Stored Pressure) Foam	100 litre	IV B	1329Ai/24
001021	(Stored Pressure) Foam	100 litre	IV B	1329Ai/05
001022	(Stored Pressure) Foam	135 litre	IV B	1329Ai/25
000744	(Stored Pressure) Foam Mist	25 litre	IV B	1329Ai/06
000750	(Stored Pressure) Foam Mist	25 litre	I B	1329Ai/07
000745	(Stored Pressure) Foam Mist	50 litre	IV B	1329Ai/08
000751	(Stored Pressure) Foam Mist	50 litre	IV B	1329Ai/09
000746	(Stored Pressure) Foam Mist	100 litre	IV B	1329Ai/10
000752	(Stored Pressure) Foam Mist	100 litre	IV B	1329Ai/11

## **PART 2: SECTION 6**

### **MOBILE FIRE EXTINGUISHERS**

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

### **COFFCO**

PO Box 5, Pincode - 678002, India

Tel: +914912908940 • Fax: +914912554695

E-mail: [coffcoindia@gmail.com](mailto:coffcoindia@gmail.com) • Website: [www.coffcofire.com](http://www.coffcofire.com)

Certificate No: 1092Hc to EN 1866-1

### **COFFCO Mobile Fire Extinguishers**

<b>Product Name</b>	<b>Type</b>	<b>Capacity</b>	<b>Fire Rating</b>	<b>LPCB Ref. No.</b>
CFCO10	CO <sub>2</sub>	10 kg	144 B	1092Hc/01
CFCO20	CO <sub>2</sub>	20 kg	183 B	1092Hc/02
CFCO30	CO <sub>2</sub>	30 kg	183 B	1092Hc/03
CFF50	Foam (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**

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](mailto:info@emacoglobal.com) • Website: [www.emacoglobal.com](http://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 <sub>2</sub>	10 kg	144 B	1092Kc/01
E0803-CD20	CO <sub>2</sub>	20 kg	183 B	1092Kc/02
E0803-CD30	CO <sub>2</sub>	30 kg	183 B	1092Kc/03
E0804-FM50	Foam (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

**EUROFEU**

12 Rue Albert Remy, Senonches 28250, France  
Tel: +33 82090 1818 • Fax: +33 23737 9196  
Website: [www.eurofeu.fr](http://www.eurofeu.fr)

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

**'eurofeu' Mobile Fire Extinguishers**

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

**Fire King Security and Safety Equipment**

Al Juwais Main Road, Ras Al Khaimah, , United Arab Emirates  
Tel: +971 7 2437050  
E-mail: [info@fireking.ae](mailto:info@fireking.ae) • Website: [www.fireking.ae](http://www.fireking.ae)

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

**'FIREKING' Mobile Fire Extinguishers**

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

## **PART 2: SECTION 6**

### **MOBILE FIRE EXTINGUISHERS**

#### **Lingjack Engineering Works PTE Ltd**

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

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

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

Certificate No: 501f to BS EN 1866-1

<b>Product Name</b>	<b>Type</b>	<b>Capacity</b>	<b>Fire Rating</b>	<b>LPCB Ref. No.</b>
C-20C	CO <sub>2</sub>	20 kg	89 B	501f/01
C-30C	CO <sub>2</sub>	30 kg	113 B	501f/02
C-50FTC	Foam (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
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

<b>Product Name</b>	<b>Type</b>	<b>Capacity</b>	<b>Fire Rating</b>	<b>LPCB Ref. No.</b>
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 CO<sub>2</sub> is not a nominal charge specified in EN 1866-1 clause 6.2.1 - Nominal Charges

**NAFFCO FZ Co**

PO Box 17014, Jebel Ali, Dubai, United Arab Emirates  
Tel: +971 4815111 • Fax: +971 48151222  
E-mail: [natfire@emirates.net.ae](mailto:natfire@emirates.net.ae) • Website: [www.naffco.com](http://www.naffco.com)

Certificate No: 463m to 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**

Building No. 7, Mohammed Al Khodary Street, P.O. Box 330339, Marka 11134, Amman, Jordan  
Tel: +962 6 488 1999 • Fax: +962 6 488 8861  
E-mail: [info@naffire.com](mailto:info@naffire.com) • Website: [www.naffire.com](http://www.naffire.com)

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

**'NAF' Mobile Fire Extinguishers**

Product Name	Type	Capacity	Fire Rating	LPCB Ref. No.
NCD10	CO <sub>2</sub>	10 kg	144 B	1092lc/01
NCD20	CO <sub>2</sub>	20 kg	183 B	1092lc/02
NCD30	CO <sub>2</sub>	30 kg	183 B	1092lc/03
NFM50	Foam (Stored Pressure)	50 litre	IV B	1092lc/04
NFM100	Foam (Stored Pressure)	100 litre	IV B	1092lc/05
NPD25	ABC Powder (Stored Pressure)	25 kg	II B	1092lc/06
NPD50	ABC Powder (Stored Pressure)	50 kg	IV B	1092lc/07
NPD100	ABC Powder (Stored Pressure)	100 kg	IV B	1092lc/08

**SensorTech Firefighting and Safety Equipment Trading**

P.O.Box 231728, Office No. 506, Al Saud Building, Al Qusais – 4, Dubai, United Arab Emirates  
Tel: +971 422 323 31 • Fax: +971 422 323 40  
E-mail: [info@sensortechuae.com](mailto:info@sensortechuae.com) • Website: [www.sensortechuae.com](http://www.sensortechuae.com)

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

**'WETPLUG' Mobile Fire Extinguishers**

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

## PART 2: SECTION 6

### MOBILE FIRE EXTINGUISHERS

Product Name	Type	Capacity	Fire Rating	LPCB Ref. No.
WMP100	ABC Powder (Stored Pressure)	100 kg	IV B	1092Lc/08

#### Sentura Group (including Fire Depot and Firechief Global)

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

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

E-mail: sales@firedepot.co.uk • 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 <sub>2</sub>	10 kg	144 B	1093c/01
FXC20	CO <sub>2</sub>	20 kg	183 B	1093c/02
FXC30	CO <sub>2</sub>	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

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

Baishuicong Industrial Park, Lianglong Town, Yuyao City, Zhejiang, China

Tel: +86-21-61602389 • Fax: +86-21-61602389 ext. 805

E-mail: export@yytianbo.cn • Website: www.yytianbo.cn

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

#### Mobile Fire Extinguishers

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

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.

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

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

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

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

Certificate No: 11530c to EN 15182-1:2007+A1:2009 and EN 15182-3:2007+A1:2009



**'FIREGUARD' Hand-Held Branchpipes**

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

**Melton Egypt**

Block 20003, 3rd Plot, El Obour, Industrial Zone, Cairo, Egypt  
Tel: +202 4489 2078 • Fax: +202 4489 2078  
E-mail: [info@melton-eg.com](mailto:info@melton-eg.com) • Website: [www.melton-eg.com](http://www.melton-eg.com)

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  
Tel: +30 28210 63222 • Fax: +30 28210 66260  
E-mail: [sales@mobiak.gr](mailto:sales@mobiak.gr) • Website: <http://www.mobiak.gr>

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

## **PART 2: SECTION 7**

### **HAND-HELD BRANCHPIPES**

<b>Product Name</b>	<b>Description</b>	<b>LPCB Ref. No.</b>
MBK07-107D-00	16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, 2½" BSP threaded male inlet, hand-held branchpipe	1153Ac/09
MBK07-107B-00	16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, M85*6*6H threaded female inlet, hand-held branchpipe	1153Ac/10

### **MORX Fire Fighting Solutions**

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

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

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

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

#### **'MORX' Hand-Held Branchpipes**

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

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

No. 999 Zhonghe Road, Huangjiabu Town, Yuyao City, Zhejiang Province 315466, China

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

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

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

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

<b>Product Name</b>	<b>Description</b>	<b>LPCB Ref. No.</b>
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

**PART 2: SECTION 7**

## HAND-HELD BRANCHPIPES

<b>Product Name</b>	<b>Description</b>	<b>LPCB Ref. No.</b>
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