LPCB Red Book



Part: 2
Manual fire extinguishing equipment

bre

VOLUME 1 LIST OF APPROVED PRODUCTS AND SERVICES

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. BRE Global additionally carries out: - Fire Investigation - Fire Risk Assessment - Fire Safety Engineering - Research - Training

Part 2

Manual fire extinguishing equipment

MANUAL FIRE EXTINGUISHING EQUIPMENT

INTRODUCTION

Listings in this section include:

Products

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

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

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BOXES FOR DRY RISER INLETS

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

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

This section lists products approved in accordance with:

BS 5041-5 - Boxes for dry riser inlets.

NAFFCO FZ Co

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

Tel: +971 4815111

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

Certificate No: 463j to BS 5041-5

Boxes for Dry Riser Inlets

| Product Name | Model | Size WxH (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 | 463j/01 |
| 4" x 2 way | NF-2WDRIC-SMA | 395 x 595 | 463j/01 |
| 4" x 2 way | NF-2WDRIC-RT | 595 x 395 | 463j/01 |
| 6" x 4 Way | NF-4WDRIC-RT | 595 x 595 | 463j/01 |
| 4" x 2 way | NF-2WDRIC-RTA | 395 x 595 | 463j/01 |

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DRY LANDING VALVES

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

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

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

This section lists products approved in accordance with:

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

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

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

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

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

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

This section lists products approved in accordance with:

EN 1869 Fire blankets

Aikah Pump Assembly LLC

Ras Al Khor Industrial Area 2, P.O.Box 5804, Dubai, United Arab Emirates

Tel: +971-43478005

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

Certificate No: 1434Fa to EN 1869:2019

'AMNA' Fire Blankets

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

Al Tahadi Security And Safety Equipment Trading

PO Box 45668, Ind. Area 11, Sharjah, United Arab Emirates

Tel: +971 5 0868 4543

E-mail: Sharqawi61@yahoo.com • Website: www.tahadi-fire.com

Certificate No: 1434Da to EN 1869:2019

Fire Blankets

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

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

Certificate No: 1434Ca to EN 1869:2019

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'BRISTOL' FGC Fire Blankets

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

Changshu Jiangnan Glass Fiber Co., Ltd.

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

Tel: +86-512-52560588 / +86-512-52561146

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 CS08-1212R | Red rectangular woven fabric Red rectangular hard PVC | 1434a/01 |
| CS08 1.2m x 1.8m | CS08-1218F CS08-1218R | Red rectangular woven fabric Red rectangular hard PVC | 1434a/02 |
| CS08 1.5m x 1.8m | CS08-1518F | Red rectangular woven fabric | 1434a/03 |

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

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

Tel: +971 6 5340300

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

Certificate No: 1434Ha to EN 1869:2019

'FIREX' Fire Blankets

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

Eversafe Extinguisher Sdn Bhd

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

Tel: +603 8024 9898

E-mail: info@eversafe.net • Website: www.eversafe.net

Certificate No: 1434Ba to EN 1869:2019

Fire Blankets

| Model | Container | LPCB Ref. No. |
|---------|------------------------------|---|
| FB8-22R | Red rectangular hard PVC | 1434Ba/01 |
| FB8-28R | Red rectangular hard PVC | 1434Ba/02 |
| FB8-58F | Red rectangular woven fabric | 1434Ba/03 |
| | FB8-22R FB8-28R | FB8-22R Red rectangular hard PVC FB8-28R Red rectangular hard PVC |

Jactone Products Limited

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

Tel: +44 (0)1902 357777

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 JPW1111 JS1111 JF1111 | Red small Jacpack White small Jacpack White square pack Red small flat pack | 783e/01 |
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| FBJT1212 (1.2m x 1.2m) | JPR1212 JPW1212 JF1212 | Red medium Jacpack White medium Jacpack Red small flat pack | 783e/02 |
|------------------------------|---------------------------------|---|---------|
| FBJT1811 (1.8m x 1.1m) | JPR1811 JPW1811 JF1811 | Red large Jacpack White large Jacpack Red medium flat pack | 783e/03 |
| FBJT1812 (1.8m x 1.2m) | JPR1812 JPW1812 JF1812 | Red large Jacpack White large Jacpack Red medium flat pack | 783e/04 |
| FBJT180175 (1.8m x 1.75m) | JPR180175 JPW180175 JF180175 | Red large Jacpack White large Jacpack Red large flat pack | 783e/05 |

NAFFCO FZ Co

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

Tel: +971 4815111

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

Certificate No: 463c to EN 1869:2019

'NAFFCO' Fire Blankets

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

SensorTech Firefighting and Safety Equipment Trading

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

Tel: +971 422 323 31

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

SFFECO GLOBAL FZE

S-10833, Jebel Ali Free Zone, Authority South 1, Dubai, 261318, United Arab Emirates

Tel: +971 4 880 9890

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

Certificate No: 1434Ga to EN 1869:2019

'SFFECO' SFD-FB Fire Blankets

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

Shanghai Huiying Industry Co Ltd

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

Tel: +86 21 61681700

E-mail: sales@pike-fire.com • Website: 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 PK8-H1212 | Red rectangular woven fabric Red rectangular hard PVC | 1434Aa/01 |
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| PK8 1.2m x 1.8m | PK8-S1218 PK8-H1218 | Red rectangular woven fabric Red rectangular hard PVC | 1434Aa/02 |
|-----------------|---------------------|---|-----------|
| PK8 1.5m x 1.8m | PK8-S1518 | Red rectangular woven fabric | 1434Aa/03 |

SIBCA Electronic Equipment Co. Limited

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

Tel: +971 2 4978600

E-mail: guard@sibca.com • Website: www.sibca.com

Certificate No: 1434la to EN 1869:2019

'SIBCA' Fire Blankets

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

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FIRE HOSE COUPLINGS AND ANCILLARY EQUIPMENT

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

This section lists products approved in accordance with:

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

Delivery hose couplings;

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

Standpipes;

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

Hydrant keys and bars;

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

Note:

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

MOBIAK S.A.

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

Tel: +30 28210 63222

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

Certificate No: 1153Af to BS 336:2010

'MOBIAK' Delivery Hose Couplings

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

Ningbo Kaixuan Fire Control Equipment Co., Ltd.

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

Tel: +86 574 62025710

 $\hbox{E-mail: info@kaixuanfire.com} \bullet \hbox{Website: www.kaixuanfire.com}$

Certificate No: 1153f to BS 336:2010

Delivery hose couplings

| Product Name | Description | LPCB Ref. No. |
|--------------|-------------|---------------|
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FIRE HOSE COUPLINGS AND ANCILLARY EQUIPMENT

| KX08-201A-00 | 2½" aluminium (LM25) delivery hose coupling with a 2¾" (70 mm) ribbed tails | 1153f/01 |
|---------------|--|----------|
| KX08-201A1-00 | $2\frac{1}{2}$ " aluminium (LM25) delivery hose coupling with a $2\frac{1}{2}$ " (64 mm) ribbed tails | 1153f/02 |
| KX08-201A2-00 | 21/2" 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 | $2\frac{1}{2}$ " copper alloy (CW617N) delivery hose coupling with a $2\frac{1}{2}$ " (64 mm) ribbed tails | 1153f/12 |
| KX08-201C2-00 | 21/2" copper alloy (CW617N) delivery hose coupling with a 2" (51 mm) ribbed tails | 1153f/13 |
| KX08-201C3-00 | 2½" copper alloy (CW617N) delivery hose coupling with a 1¾" (45 mm) ribbed tails | 1153f/14 |
| KX08-201C4-00 | 2½" copper alloy (CW617N) delivery hose coupling with a 1½" (38 mm) ribbed tails | 1153f/15 |

Certificate No: 1153g to BS 336:2010

Standpipes

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

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 • Website: www.aaagindia.in

Certificate No: 1584c to BS 336:2010

'AAAG' Delivery Hose Couplings

| Product Name | Description | LPCB Ref. No. |
|--------------|---|---------------|
| G130-BS | 21/2" copper alloy (CC491K) delivery hose coupling with 21/2" (64 mm) tails | 1584c/01 |
| | | |

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

Hose reeels are manufactured as:

- · Fixed, swinging arm, swinging pipe or swinging door;
- · Automatic or manual valve;
- · 19 mm, 25mm or 33 mm bore hose.

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

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

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

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

This section lists products approved in accordance with:

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

Adkinns Inc.

5063 Commercial Circle, Concord, CA 94520, USA

Tel: +1 (650) 457 4580 Website: www.adkinns.com

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

'HAROLD PATRICKS' Fire Hose Reels

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

Al Rayan Security & Safety Trading

Al Qusais Industrial Area 4, PO Box 52257, Dubai, United Arab Emirates

Tel: 00971 04 252 5333

E-mail: rayandxb@eim.ae • Website: www.alrayandxb.com

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

'SECURE' Fire Hose Reels

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

Al Tahadi Security And Safety Equipment Trading

PO Box 45668, Ind. Area 11, Sharjah, United Arab Emirates

Tel: +971 5 0868 4543

E-mail: Sharqawi61@yahoo.com • Website: 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

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

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

TARTAN Fire Hose Reels

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

Armor Safety & Security Ltd

120 Baker Street, London, W1U 6TU, United Kingdom

Tel: +971506531199

Website: 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 (| | Nozzle type | LPCB Ref. No. |
|--------------|-----------------------------------|--|----|-----------------------|---------------|
| ARM-HR2530 | Swinging, automatic, wall mounted | 25 | 30 | Rotary operated spray | 1092Nd/07 |

Bahri & Mazroei Technical Systems Co. LLC

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

Tel: +971 4 269 9051

E-mail: Svetlana.Kostetskaya@rewire-intl.com • Website: www.bmts.ae

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

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'URANUS' Fire Hose Reels

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

Beijing Synergy Technology Company, Ltd.

b-1901, Tian Yuan Gang, No. 2 Dongsanhuan North, Chaoyang, Beijing, 100027, China

Tel: +86 10 64680818

E-mail: export@synergyindustry.com • Website: www.synergyindustry.com

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

'SNG' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|--------------------------------------|---|---------------------------|----------------------------|--|---------------|
| SNG07-03A - 'SNG' Fire Hose Reel | Manual, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AJa/01 |
| SNG07-03B - 'SNG' Fire Hose Reel | Manual, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AJa/02 |
| SNG07-03C - 'SNG' Fire Hose Reel | Automatic, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AJa/03 |
| SNG07-03D - 'SNG' Fire Hose Reel | Automatic, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AJa/04 |
| SNG07-02D - 'SNG' Fire Hose Reel | Manual, swinging arm, wall mounted | 33 | 30 | Rotary operated jet/spray | 1038AJa/05 |
| SNG07-04A - 'SNG' Fire Hose Reel | Manual, fixed, wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AJa/06 |
| SNG07-04B - 'SNG' Fire Hose Reel | Manual, fixed, wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AJa/07 |
| SNG07-02C - 'SNG' Fire Hose Reel | Manual, swinging arm, wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AJa/12 |
| SNG07-02A - 'SNG' Fire Hose Reel | Manual, swinging pipe, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AJa/13 |
| SNG07-02B - 'SNG' Fire Hose Reel | Manual, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AJa/14 |
| SNG07-04C - 'SNG' Fire Hose Reell | Automatic, fixed, wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AJa/17 |
| SNG07-02E - 'SNG' Fire Hose Reel | Automatic, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AJa/18 |
| SNG07-04D - 'SNG' Fire Hose Reel | Automatic, fixed, wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038AJa/19 |

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 • Website: www.betacorporation.eu

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

BETA Fire Hose Reels

| <u> </u> | c 1103c Accis | | | | |
|-----------------|---|------------------------|-------------------------|--|------------------|
| 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 |

Bonfire Safety Equipment Trading L.L.C

601 Saheel Tower 1, Al Nahda, Dubai, United Arab Emirates

Tel: +971526574824

E-mail: sales@bonfireuae.ae • Website: www.bonfireuae.ae

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

'BON FIRE' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|--------------|--|------------------------|----------------------------|--|---------------|
| BNFHRMB07 | Manual, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BHa/02 |
| BNFHRAB06 | Automatic, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BHa/04 |

Brake Fire Safety and Security

Building 8, Industrial Area / 1 Amman Street, Ajman, United Arab Emirates

Tel: +971 551 668 286

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

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

'BRAKE FIRE' Fire Hose Reels

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

Bristol Fire Engineering LLC

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

Tel: +971 4 347 2426

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

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

'BRISTOL' Fire Hose Reels

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

C-fire nv

Frank van Dyckelaan 3, B-9140, Temse, Belgium

Tel: +32 (0)3 710 69 01

E-mail: info@c-fire.eu • Website: www.c-fire.eu

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

'C fire' Fire Hose Reels

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

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| 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 |

COFFCO

PO Box 5, Pincode - 678002, India

Tel: +914912908940

E-mail: coffcoindia@gmail.com • Website: www.coffcofire.com

Certificate No: 1092Hd to EN 671-1

COFFCO Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|--------------|-----------------------------------|------------------------|-------------------------|-----------------------|---------------|
| CFFHRFA19 | Fixed, automatic, wall mounted | 19 | 30 | Rotary operated spray | 1092Hd/01 |
| CFFHRFM19 | Fixed, manual, wall mounted | 19 | 30 | Rotary operated spray | 1092Hd/02 |
| CFFHRSA19 | Swinging, automatic, wall mounted | 19 | 30 | Rotary operated spray | 1092Hd/03 |
| CFFHRSM19 | Swinging, manual, wall mounted | 19 | 30 | Rotary operated spray | 1092Hd/04 |
| CFFHRFA25 | Fixed, automatic, wall mounted | 25 | 30 | Rotary operated spray | 1092Hd/05 |
| CFFHRFM25 | Fixed, manual, wall mounted | 25 | 30 | Rotary operated spray | 1092Hd/06 |
| CFFHRSA25 | Swinging, automatic, wall mounted | 25 | 30 | Rotary operated spray | 1092Hd/07 |
| CFFHRSM25 | Swinging, manual, wall mounted | 25 | 30 | Rotary operated spray | 1092Hd/08 |

Crico Engineering

Zuiddijk 10, 8340 Damme, Belgium

Tel: +32 (0)475 834 835

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

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

Crico Fire Hose Reels

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

Crico Norway Ltd

Ursnis Veg 12, Jessheim, 2066, Norway

Tel: +32 475 834 835

E-mail: Christian@crico.no • Website: https://www.crico.no/

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

'Crico' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) I | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|------------------------|--|--------------------------|-------------------------|---------------------------|---------------|
| HR - Norway 30M x 3/4" | Manual, swinging door, cabinet mounted | 19 | 30 | Rotary operated jet/spray | 1038BJc/01 |
| | | | | | |

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Dafoos Fire Protection Equipment Trading Est.

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

Tel: +971-43402020

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

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 |

Demco Industries Sdn. Bhd.

Lot 3928, Jalan Keretapi Lama, Off Jalan Kapar 5 1/2 Miles, Klang, Selangor Darul Ehsan, 42100, Malaysia

Tel: +60 3 3290 3333

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

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

'DEMCO' Fire Hose Reels

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

Dimex Protection NV

Lozen Boer, Bedrijvenlaan 14, B-9080 Lochristi, Belgium

Tel: +32 (0)9 233 45 50

E-mail: info@dimexprotection.be • Website: www.dimexprotection.be

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

'DIMEX PROTECTION' Fire Hose Reels

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

EMACO GLOBAL LLC

3118 Beckett Way, Lakeland, FL 33810, USA

Tel: +1 (516) 288-8935

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

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

'EMACO' Fire Hose Reels

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

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| E0161-08-A | Manual, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038ALa/01 |
|------------|--|----|----|--|------------|
| E0161-07-B | Manual, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038ALa/02 |
| E0161-10-B | Automatic, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038ALa/03 |
| E0161-06-B | Automatic, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038ALa/04 |

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

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

Tel: +971 6 5340300

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

Certificate No: 863h to EN 671-1:2012

Fire Hose Reels

| Product Name Description | | Hose Nominal Bore (mm) Hose Maximum Length (m) Nozzle type LPCB Ref. No | | | | |
|--|--|---|----|-----------|---------|--|
| FX/HR/A25 Automatic, swinging arm, twist jet brass rotary nozzle, mild steel reels | | 25 | 30 | jet/spray | 863h/01 | |

EUROFEU

12 Rue Albert Remy, Senonches, 28250, France

Tel: +33 82090 1818 Website: www.eurofeu.fr

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. |
|----------------------|--|------------------------|----------------------------|---|------------------|
| ERF3330P | Manual, swinging arm, pillar or wall mounted | 33 | 30 | Rotary operated jet/spray or lever operated jet/spray | 1127Aa/07 |
| ERF2530AP | Automatic, swinging arm, wall mounted | 25 | 30 | Rotary operated jet/spray | 1127Aa/01 |
| ERF2530P | Manual, swinging arm, wall mounted | 25 | 30 | Rotary operated jet/spray | 1127Aa/02 |
| ERF2530F | Manual, fixed, wall mounted | 25 | 30 | Rotary operated jet/spray | 1127Aa/03 |
| ERF1920P ERF1930P | Manual, swinging arm, wall mounted | 19 | 30 | Rotary operated jet/spray | 1127Aa/05 |
| ERF1920F ERF1930F | Manual, fixed, wall mounted | 19 | 30 | Rotary operated jet/spray | 1127Aa/06 |

Eversafe Extinguisher Sdn Bhd

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

Tel: +603 8024 9898

E-mail: info@eversafe.net • Website: www.eversafe.net

Certificate No: 734a to EN 671-1

Fire Hose Reels

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

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| 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 |

Exon For Fire Protection Inc.

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Tel: +613 276 7755

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

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 |

Falcon Gold General Trading L.L.C

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Tel: +971525051651

E-mail: info@falcon-gold.com • Website: www.falcon-gold.com

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

'Falcon Gold' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|-----------------|---|------------------------|-------------------------|--|------------------|
| FG-651HR | Manual, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BIa/02 |

Fire Control Protection Systems

P.O Box:9428, Jurf Industrial Area 1, Ajman, United Arab Emirates

Tel: +971 56 401 8883

 $\hbox{E-mail: carolyn@firecps.com} \bullet \hbox{Website: www.firecps.com}$

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

'FRONTIER' Fire Hose Reels

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

Fire Fighter CO Security and Safety Equipment Trading LLC

Al Qusais Industry Area 4, P O Box 84926, Dubai, United Arab Emirates

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E-mail: mutasem@firefighterco1.ae

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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 |

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 • Website: www.fireking.ae

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 |

Fireguard Global Ltd.

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

Tel: +44 (0)8450 751042

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

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

Fire Hose Reels

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

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

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Fullblaze Fire Hose Reels

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

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

Fire Hose Reels

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

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

Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|-----------------|---|------------------------|-------------------------|--|---------------|
| LF-MA19 | Manual, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BFa/01 |
| LF-MA25 | Manual, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BFa/02 |
| LF-AA19 | Automatic, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BFa/03 |
| LF-AA25 | Automatic, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BFa/04 |
| LF-MF19 | Manual, fixed, wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BFa/06 |
| LF-MF25 | Manual, fixed, wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BFa/07 |
| LF-MP19 | Manual, swinging pipe, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BFa/08 |
| LF-AP19 | Automatic, swinging pipe, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BFa/09 |
| LF-MP25 | Manual, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BFa/10 |
| LF-AP25 | Automatic, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BFa/11 |
| LF-AF19 | Automatic, fixed, wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BFa/17 |
| LF-AF25 | Automatic, fixed, wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BFa/19 |

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Certificate No: 501b to BS EN 671-1

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'Combat' Fire Hose Reels

| Product Name | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle Type | LPCB Ref. No. |
|--|------------------------|-------------------------|----------------|------------------|
| 'Combat' model HR-1SW manual swinging hose reel | 25 | 30 | Jet, spray | 501b/01 |
| 'Combat' model AHR-1SW automatic universal swinging hose reel | 25 | 30 | Jet, spray | 501b/02 |
| '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 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-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 |

Certificate No: 501b to BS EN 671-1

'Will' Fire Hose Reels

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

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

'FIRELESS' Fire Hose Reels

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

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

'MASRY GROUP' Fire Hose Reels

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

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

'MAFCO' Fire Hose Reels

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

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

'MELTON' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|---------------------------|---------------|
| MT-03-AA | Automatic, swinging arm, cabinet or wall mounted | 25 | 30 | Rotary operated jet/spray | 1153Ma/01 |
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E-mail: sales@mobiak.gr • Website: http://www.mobiak.gr

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 NRF-9202501 | Manual, swinging door, cabinet mounted | 19 | 25 | Rotary operated jet/spray | 1038Ac/01 |
| MBK15-30BD NRF-9202502 | Manual, swinging door, cabinet mounted | 19 | 30 | Rotary operated jet/spray | 1038Ac/01 |

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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 |

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Certificate No: 1038Pa to EN 671-1

Fire Hose Reels

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

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

'MORX' Fire Hose Reels

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

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'MORX' Fire Hose Reels

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

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

'NAFFCO' Fire Hose Reels

| Product Name | Description | Hose NominalBore (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-030A | swinging pipe, automatic, plastic rotary nozzle, mild steel reels | 19 | 30 | jet/spray | 463d/02 |
| 19NFH-040A | fixed, automatic, plastic rotary nozzle, mild steel reels | 19 | 30 | jet/spray | 463d/03 |
| 19NFH-020M | swinging arm, manual, plastic rotary nozzle, mild steel reels | 19 | 30 | jet/spray | 463d/04 |
| 19NFH-030M | swinging pipe, manual, plastic rotary nozzle, mild steel reels | 19 | 30 | jet/spray | 463d/05 |
| 19NFH-040M | fixed, manual, plastic rotary nozzle, mild steel reels | 19 | 30 | jet/spray | 463d/06 |
| 25NFH-020A | swinging arm, automatic, plastic rotary nozzle, mild steel reels | 25 | 30 | jet/spray | 463d/07 |
| 25NFH-030A | FH-030A swinging pipe, automatic, plastic rotary nozzle, mild steel reels | | 30 | jet/spray | 463d/08 |
| 25NFH-040A | fixed, automatic, plastic rotary nozzle, mild steel reels | 25 | 30 | jet/spray | 463d/09 |
| 25NFH-020M | swinging arm, manual, plastic rotary nozzle, mild steel reels | 25 | 30 | jet/spray | 463d/10 |
| 25NFH-030M | swinging pipe, manual, plastic rotary nozzle, mild steel reels | 25 | 30 | jet/spray | 463d/11 |
| 25NFH-040M | fixed, manual, plastic rotary nozzle, mild steel reels | 25 | 30 | jet/spray | 463d/12 |
| 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-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 |
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| 19NFH-030A/SS-B | swinging pipe, automatic, brass rotary nozzle, stainless steel reels | 19 | 30 | jet/spray | 463d/20 |
|-----------------|--|----|----|-----------|---------|
| 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-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-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-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-020AB | swinging arm, automatic, brass rotary nozzle, mild steel reels | 25 | 30 | jet/spray | 463d/33 |
| 25NFH-020A/SS | swinging arm, automatic, plastic rotary nozzle, stainless steel reels | 25 | 30 | jet/spray | 463d/34 |
| 25NFH-020A/SS-B | swinging arm, automatic, brass rotary nozzle, stainless steel reels | 25 | 30 | jet/spray | 463d/35 |
| 25NFH-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-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-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-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-040MB | fixed, manual, brass rotary nozzle, mild steel reels | 25 | 30 | jet/spray | 463d/48 |
| 25NFH-040M/SS | fixed, manual, plastic rotary nozzle, stainless steel reels | 25 | 30 | jet/spray | 463d/49 |
| 25NFH-040M/SS-B | fixed, manual, brass rotary nozzle, stainless steel reels | 25 | 30 | jet/spray | 463d/50 |
| | | | | | |

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

'NAF' Fire Hose Reels

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

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

'AMANCO' Fire Hose Reels

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

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

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

'KXFIRE' 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 |
| KX06-217A-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 |
| KX06-216A-00 | Manual swinging arm, cabinet or wall mounted | 19 | 30 | Rotary operated jet/spray | 1153a/13 |
| KX06-216-00 | Manual swinging arm, cabinet or wall mounted | 25 | 30 | Rotary operated jet/spray | 1153a/14 |

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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 |

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Certificate No: 1127a to 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 | 25 | 30 | Rotary operated jet/spray | 1127a/03 |
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| | nozzle | | | | |
|---------------|---|----|----|---|----------|
| SA10-304D-03S | Automatic, swinging arm, wall mounted, rotary operated nozzle | 19 | 30 | Rotary operated jet/spray | 1127a/04 |
| SA10-304D-02S | Manual, swinging arm, wall mounted, rotary operated nozzle | 19 | 30 | Rotary operated jet/spray | 1127a/05 |
| SA10-304D-14F | Manual, fixed, wall mounted, rotary operated nozzle | 19 | 30 | Rotary operated jet/spray | 1127a/06 |
| PSHR3330SF | Manual, swinging arm, pillar or wall mounted | 33 | 30 | Rotary operated jet/spray or lever operated jet/spray | 1127a/07 |

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

'Rapidrop' Fire Hose Reels

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

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

S&L Fire Hose Reels

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

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

'WETPLUG' Fire Hose Reels

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

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

'FIRECHIEF REELMAX' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|-----------------|--|------------------------|-------------------------|--|------------------|
| RMSM19-B | Manual, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1093e/01 |
| RMSM25-B | Manual, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1093e/02 |
| RMSA19-B | Automatic, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1093e/03 |
| RMSA25-B | Automatic, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1093e/04 |
| RMFM19-B | Manual, fixed, wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1093e/05 |
| RMFM25-B | Manual, fixed, wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1093e/06 |
| RMFA19-B | Automatic, fixed, wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1093e/07 |
| RMFA25-B | Automatic, fixed, wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1093e/08 |

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

'PIKE' Fire Hose Reels

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

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

'MOSAFE' Fire Hose Reels

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

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

'IMSECUR' Fire Hose Reels

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

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

'SHETER' Fire Hose Reels

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

SIBCA Electronic Equipment Co. Limited

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

Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|-----------------|--|------------------------|-------------------------|--|---------------|
| GC-0181A | Manual, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/01 |
| GC-0181B | Manual, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/02 |
| GC-0182A | Automatic, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/03 |
| GC-0182B | Automatic, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/04 |
| GC-0183A | Manual, swinging arm, wall mounted | 33 | 30 | Rotary operated jet/spray | 1038BGa/05 |
| GC-0184A | Manual, fixed, wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/06 |
| GC-0184B | Manual, fixed, wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/07 |
| GC-0185A | Manual, swinging pipe, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/08 |
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| GC-0186A | Automatic, swinging pipe, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/09 |
|----------|---|----|----|--|------------|
| GC-0185B | Manual, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/10 |
| GC-0186B | Automatic, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/11 |
| GC-0183B | Manual, swinging arm, wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/12 |
| GC-0185C | Manual, swinging pipe, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/13 |
| GC-0185D | Manual, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/14 |
| GC-0187A | Automatic, fixed, wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/17 |
| GC-0186C | Automatic, swinging pipe, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/18 |
| GC-0187B | Automatic, fixed, wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038BGa/19 |

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

'SKY' Fire Hose Reels

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

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

SANILITE Fire Hose Reels

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

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

'CSJ' & 'HLC' Fire hose reels

| Product Name | Description | Hose nominal bore (mm) | Hose maximum length (m) | Nozzle type | LPCB Ref. No. |
|--------------|---|------------------------|-------------------------|--|------------------|
| CSJR-08-A | Manual, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet / spray | 1038a/01 |
| CSJR-07-B | Manual, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet / spray | 1038a/02 |

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| 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 |
| HLCR-06-B | Automatic, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038a/04 |
| HLCR-07-B | Manual, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038a/02 |
| HLCR-08-A | Manual, swinging arm, cabinet or wall mounted | 19 | 30 | Lever operated jet only or rotary operated jet/spray | 1038a/01 |
| HLCR-04-D | Automatic, swinging arm, cabinet or wall mounted | 25 | 30 | Lever operated jet only or rotary operated jet/spray | 1038a/18 |

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 | 1038c/01 |

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

'VM' Fire Hose Reels

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

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

Advanced Systems Fire Hose Reel

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

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

'WATANIA' Fire Hose Reels

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

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

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E-mail: watania@wataniagroup.com • Website: www.wataniagroup.com

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

'Watania' Fire Hose Reels

| Product Name | Description | Hose Nominal Bore (mm) | Hose Maximum Length (m) | Nozzle type | LPCB Ref. No. |
|--------------|--|------------------------|-------------------------|--|---------------|
| | | (111111) | . , | | |
| 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

D8, New Industrial Area, Amman Street, Ajman, United Arab Emirates

Tel: +971 552148105

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

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

WATEX Fire Hose Reels

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

Yuyao Tianbo Fire Fighting Equipment Co., Ltd.

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

'TIANBO' Fire Hose Reels

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

Yuyao Tianning Fire Control Equipment Co., Ltd.

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

Tel: 0086 15618883100

E-mail: Nicole.mengxiaozhang@hotmail.com • Website: www.tianningfire.com

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

'TenNeed' Fire Hose Reels

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

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GATE VALVES

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

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

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

Tel: +30 28210 63222

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

Certificate No: 1153Ab to BS 5154:1991

'MOBIAK' Copper Alloy Gate Valves

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

Ningbo Kaixuan Fire Control Equipment Co., Ltd.

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

Tel: +86 574 62025710

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

Certificate No: 1153b to BS 5154:1991

'JINTIAN FIRE' Copper Alloy Gate Valves

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

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

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



Key

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

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

This section lists products approved in accordance with:

EN 15182-1 - Common requirements

EN 15182-2 - Combination branchpipes PN16

EN 15182-3 - Smooth bore jet and/or one fixed spray jet angle branchpipes PN16

EN 15182-4 - High pressure branchpipes PN40

Exceptions:

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

Note:

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

Advanced Systems Company Ltd

Office 1301 Capricorn Tower, Sheik Zayed Road, Trade Center Second, Dubai, United Arab Emirates E-mail: sales@adsystems.info • Website: www.adsystems.info

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

'ADVANCED SYSTEMS' Hand-Held Branchpipes

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

Fireguard Global Ltd.

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

Tel: +44 (0)8450 751042

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

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

'FIREGUARD' Hand-Held Branchpipes

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

Gulf Fire Fighting Equipments FZE

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Tel: +971 48807127

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

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

Hand-Held Branchpipes

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

Melton Egypt

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

Tel: +202 4489 2078

E-mail: info@melton-eg.com • Website: www.melton-eg.com

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

'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 |

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

'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 |

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| MBK07-107A-00 | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, M85*6*6H threaded female inlet, hand-held branchpipe | 1153Ac/08 |
|---------------|--|-----------|
| MBK07-107D-00 | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, 2½" BSP threaded male inlet, hand-held branchpipe | 1153Ac/09 |
| MBK07-107B-00 | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, M85*6*6H threaded female inlet, hand-held branchpipe | 1153Ac/10 |

MORX Fire Fighting Solutions

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

'MORX' Hand-Held Branchpipes

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

NAFFCO FZ Co

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

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

'NAFFCO' Hand-Held Branchpipes

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

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

'JINTIAN FIRE' Hand-Held Branchpipes

| Product Name | Description | LPCB Ref. No. |
|--------------|--|------------------|
| KX07-108C-00 | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, 2" BSP threaded male inlet, hand-held branchpipe | 1153c/01 |
| KX07-108A-00 | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, M56 x 4 threaded female inlet, hand-held branchpipe | 1153c/02 |
| KX07-127F-00 | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, BS336 male inlet, hand-held branchpipe | 1153c/03 |
| KX07-108D-00 | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, 2" BSP threaded male inlet, hand-held branchpipe | 1153c/04 |
| KX07-108B-00 | 13mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, M56 x 4 threaded female inlet, hand-held branchpipe | 1153c/05 |
| 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, 21/2" BSP threaded male inlet, hand-held branchpipe | 1153c/07 |
| KX07-107A-00 | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever and shaft gripping device, plastics obturator, M85*6*6H threaded female inlet, hand-held branchpipe | 1153c/08 |
| KX07-107D-00 | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, 2½" BSP threaded male inlet, hand-held branchpipe | 1153c/09 |
| KX07-107B-00 | 16mm smooth bore, straight jet and one fixed spray jet, lever operated, aluminium body, plastics covered aluminium lever, plastics shaft gripping device and obturator, M85*6*6H threaded female inlet, hand-held branchpipe | 1153c/10 |
| 25 Apr 202 | 5 Page 3 | 6 of 75 |

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E-mail: info@sheter.net • Website: www.sheter.net

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

'SHETER' Hand-Held Branchpipes

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

Sky for Import, General Contracting & Trading

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Tel: +202 2075 0366

E-mail: info@sky-ict.com • Website: www.skytrading-eg.com

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

'SKY' Hand-Held Branchpipes

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

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

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

Inlet breechings are tested to BS 5041-3.

This section lists products approved in accordance with:

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

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

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

'BRAKE FIRE' Inlet Breechings for Dry Riser Inlets

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

EMACO GLOBAL LLC

3118 Beckett Way, Lakeland, FL 33810, USA

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

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

'EMACO' Inlet Breechings

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

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

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Tel: +971 6 5340300

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

Certificate No: 863d to BS 5041-3

Inlet Breechings

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

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

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Inlet Breechings

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

Lingjack Engineering Works PTE Ltd

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Tel: +65 6759 4163

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

Certificate No: 501d to BS 5041-3

Inlet Breechings

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

MOBIAK S.A.

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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

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

Certificate No: 463f to BS 5041-3

Inlet Breechings

| 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 |

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

'KAIXUAN' Inlet Breechings for Dry Riser Inlets

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

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|-------------|---------------|
| | |

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Tel: +44 (0)1733 847 510

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

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

'RAPIDROP' Inlet Breechings for Dry Riser Inlets

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

Shah Bhogilal Jethalal & Brothers

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Tel: +91 2764 268612 to 15

E-mail: info@aaagindia.in • Website: 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 |

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

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

'FIRETECH' Inlet Breechings

| Product Name | Description | LPCB Ref. No. |
|--------------|---|---------------|
| FT202 | 4 way inlet breeching, 150mm flanged outlet | 1153Id/03 |
| FT201 | 2 way inlet breeching, 100mm flanged outlet | 1153ld/04 |

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

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 $\hbox{E-mail: rachel.yan@jsfire.com.cn} \bullet \hbox{Website: www.jsfire.com.cn}$

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

Inlet Breechings

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

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The Viking Corporation

210 N Industrial Park, Hastings, Michigan 49058, USA

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

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

Viking Corp Fireking Inlet Breechings

| 4 way inlet breeching, 150mm flanged outlet | 1153Kd/01 |
|---|-----------|
| 2 way inlet breeching, 100mm flanged outlet | 1153Kd/02 |
| | <u> </u> |

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LAYFLAT HOSES

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

To achieve these requirements layflat hose comes in three types.

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

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

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

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

This section lists products approved in accordance with:

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

NAFFCO FZ Co

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

Tel: +971 4815111

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

Certificate No: 463g to BS 6391

Layflat delivery hoses

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

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

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

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

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

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

EN 1866 applies to mobile fire extinguishers with a total mass above 20kg for powder, water based and CO² extinguishers and manoeuvred by an operator on foot only. - This standard does not cover fire tests for class C and class F fires but the extinguishing media can be effective on these types of fire. Class D fires are considered to be very specialist application and are not included.

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

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

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

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

Abbreviations used for LPCB listing of mobile fire extinguishers

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

| Extinguishing Agent | |
|--------------------------------|--|
| W - Water | WB - Water based (water plus additive) |
| ABC or BC - Dry powder | CO ₂ - Carbon Dioxide |
| Method of Actuation | |
| SP - Stored pressure actuation | GC - Gas cartridge actuation |
| Units or Capacity | |
| kg - Kilogram | I - 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 woo | od, paper, coal, straw, cloth etc. |
|-----------|---|------------------------------------|
| Class B : | for use on fires involving flammable liquids | or liquefiable solids. |

Colour Coding

EN 1866 permits a zone of colour of up to 10% of the external area of the extinguisher body to be used to identify the

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extinguishing agent in accordance with national specifications.

Associated Enterprises (S) Pte Ltd.

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

Tel: +65-64550555

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

Certificate No: 1092Ac to EN 1866-1

PROTEC Mobile Fire Extinguishers

| Product Name | Туре | Capacity | Fire rating | LPCB Ref. No. |
|--------------|------------------------------|-----------|-------------|---------------|
| 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 |
| PRO-10-CD | CO ₂ | 10 kg | 144 B | 1092Ac/01 |
| PRO-20-CD | CO ₂ | 20 kg | 183 B | 1092Ac/02 |
| PRO-30-CD | CO ₂ | 30 kg | 183 B | 1092Ac/03 |

Bristol Fire Engineering LLC

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

Tel: +971 4 347 2426

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

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

'BRISTOL' Mobile Fire Extinguishers

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

Ceasefire Industries Private Limited

E6, Selaqui Industrial Area, Dehradun, Uttarakhand, 248011, India

Tel: +911204223473 E-mail: amit@ceasefire.in

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

'CEASEFIRE' Mobile Fire Extinguishers

| Product Name | Туре | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|---------------------------------|-----------|-------------|---------------|
| CF-000747 | Foam (Stored Pressure) | 25 Litre | IV B | 1329i/01 |
| CF-000748 | Foam (Stored Pressure) | 50 Litre | IV B | 1329i/02 |
| CF-001018 | Foam (Stored Pressure) | 50 Litre | IV B | 1329i/03 |
| CF-000749 | Foam (Stored Pressure) | 100 Litre | IV B | 1329i/04 |
| CF-001021 | Foam (Stored Pressure) | 100 Litre | IV B | 1329i/05 |
| CF-000744 | Foam Mist (Stored Pressure) | 25 Litre | IV B | 1329i/06 |
| CF-000750 | Foam Mist (Stored Pressure) | 25 Litre | ΙB | 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-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 |
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| CF-001031 | Water (Stored Pressure) | 50 litre | - | 1329i/15 |
|-----------|------------------------------------|-----------|-------|----------|
| CF-001033 | Water (Stored Pressure) | 100 litre | - | 1329i/16 |
| 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 |
| CF-000740 | CO ₂ | 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-000753 | Foam (Stored Pressure) | 50 litre | IV B | 1329i/23 |
| CF-001020 | Foam (Stored Pressure) | 100 litre | IV B | 1329i/24 |
| CF-001022 | Foam (Stored Pressure) | 135 litre | IV B | 1329i/25 |
| CF-000811 | ABC 50 Powder (Cartridge Operated) | 25 kg | IIΒ | 1329i/26 |
| CF-000812 | ABC 50 Powder (Cartridge Operated) | 50 kg | IV B | 1329i/27 |
| 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-000886 | Water (Stored Pressure) | 100 litre | - | 1329i/31 |
| CF-000973 | Water (Stored Pressure) | 135 litre | - | 1329i/32 |

Ceasefire Industries U.K. Limited

Office Number 301.3, One Victoria Square, Birmingham, West Midlands, B1 1BD, United Kingdom

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

Website: www.ceasefire.co.uk

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

'CEASEFIRE' & 'SECUREZONE' Mobile Fire Extinguishers

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

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Certificate No: 1092Hc to EN 1866-1

COFFCO Mobile Fire Extinguishers

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

EMACO GLOBAL LLC

3118 Beckett Way, Lakeland, FL 33810, USA

Tel: +1 (516) 288-8935

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

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

'EMACO' Mobile Fire Extinguishers

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

EUROFEU

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Tel: +33 82090 1818 Website: www.eurofeu.fr

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

'eurofeu' Mobile Fire Extinauishers

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

Fire King Security and Safety Equipment

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

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

'FIREKING' Mobile Fire Extinguishers

| Product Name | Туре | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| FKCD10 | CO ₂ | 10 kg | 144 B | 1092Mc/01 |
| FKCD20 | CO ₂ | 20 kg | 183 B | 1092Mc/02 |
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| FKCD30 | CO ₂ | 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 |

Lingjack Engineering Works PTE Ltd

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

Tel: +65 6759 4163

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

Certificate No: 501f to EN 1866-1

Mobile fire extinguishers

| Product Name | Туре | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|--------------------------------------|-----------|-------------|---------------|
| C-20C | CO ₂ | 20 kg | 89 B | 501f/01 |
| C-30C | CO ₂ | 30 kg | 113 B | 501f/02 |
| C-50FTC | Foam (Cartridge Operated) | 50 litre | IV B | 501f/03 |
| C-100FTC | Foam (Cartridge Operated) | 100 litre | IV B | 501f/04 |
| C-135FTC | Foam (Cartridge Operated) | 135 litre | IV B | 501f/05 |
| C-25FTP | Foam (Stored Pressure) | 25 litre | II B | 501f/06 |
| C-50FTP | Foam (Stored Pressure) | 50 litre | II B | 501f/07 |
| C-50ATC | ABC Powder (Cartridge Operated) | 50 kg | IV B | 501f/08 |
| 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 | IIΒ | 501f/11 |
| C-50ATP | ABC Powder (Stored Pressure) | 50 kg | IIΒ | 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 EN 1866-1

Mobile fire extinguishers

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

NAFFCO FZ Co

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Tel: +971 4815111

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

Certificate No: 463m to EN 1866 Parts 1 and 2.

Mobile Fire Extinguishers

| Product Name | Туре | 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 |

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SensorTech Firefighting and Safety Equipment Trading

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

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

'WETPLUG' Mobile Fire Extinguishers

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

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

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

Tel: +44 (0)330 999 22 33

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 | Туре | Capacity | Fire rating | LPCB Ref. No. |
|--------------|-----------------|-----------|-------------|---------------|
| 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

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

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

Mobile Fire Extinguishers

| Product Name | Туре | Capacity | Fire rating | LPCB Ref. No. |
|--------------|-----------------------------------|-----------|-------------|---------------|
| 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 |
| TMCD10 | CO ₂ (Stored Pressure) | 10 kg | 144 B | 1092c/01 |
| TMCD20 | CO ₂ (Stored Pressure) | 20 kg | 183 B | 1092c/02 |
| TMCD30 | CO ₂ (Stored Pressure) | 30 kg | 183 B | 1092c/03 |

Zhejiang Ruihua Machinery Co. Ltd

No. 1 Fengqixi Road, Western Industrial Zone, Linshan Town, Yuyao, Zhejiang, 315460, China

Tel: 0086 1350 578 4280

E-mail: jingxingli@ruihuafire.com

Certificate No: 867c to EN 1866-1

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Mobile fire extinguishers

| Product Name | Туре | 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 |

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

Pillar fire hydrants are tested to EN 14384.

This section lists products approved in accordance with:

EN 14384 - Pillar fire hydrants

Brake Fire Safety and Security

Building 8, Industrial Area / 1 Amman Street, Ajman, United Arab Emirates

Tel: +971 551 668 286

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

Certificate No: 1280la to EN 14384:2005

'BRAKE FIRE' Pillar Fire Hydrants

| Product Name | Inlet size | Hose outlet | Pumper | LPCB Ref. No. |
|--------------|-------------|---------------------|--------------------|---------------|
| BFHD-4"-P | 4" (DN 100) | 2 X 2.5" BSP (65mm) | 1 x 4" BSP (100mm) | 1280la/01 |
| BFHD-6"-P | 6" (DN 150) | 2 X 2.5" BSP (65mm) | 1 x 4" BSP (100mm) | 1280Ia/04 |

Bristol Fire Engineering LLC

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

Tel: +971 4 347 2426

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

Certificate No: 1280Fa to EN 14384:2005

'BRISTOL' Pillar fire hydrants

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

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

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

Tel: +971 6 5340300

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

Certificate No: 1280Aa to EN 14384:2005

Pillar Fire Hydrants

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

Eversafe Extinguisher Sdn Bhd

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

Tel: +603 8024 9898

E-mail: info@eversafe.net • Website: www.eversafe.net

Certificate No: 1280Ga to EN 14384:2005

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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 |
| EE16-117T | 6" (DN 150) | 2 X 2.5" BSP (65mm) | 1 x 4" BSP (100mm) | 1280Ga/04 |
| EE16-082T | 4" (DN 100) | 2 X 2.5" BS 336 (delivery hose connector) | 1 x 4" BSP (100mm) | 1280Ga/05 |
| EE16-117U | 4" (DN 100) | 2 X 2.5" BS 336 (delivery hose connector) | 1 x 4" BSP (100mm) | 1280Ga/06 |
| EE16-083T | 6" (DN 150) | 2 X 2.5" BS 336 (delivery hose connector) | 1 x 4" BSP (100mm) | 1280Ga/07 |
| EE16-117V | 6" (DN 150) | 2 X 2.5" BS 336 (delivery hose connector) | 1 x 4" BSP (100mm) | 1280Ga/08 |

Exon For Fire Protection Inc.

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

Tel: +613 276 7755

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

Certificate No: 1280Da to EN 14384:2005

EZULA Pillar Fire Hydrants

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

Fireguard Global Ltd.

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

Tel: +44 (0)8450 751042

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

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 |

Mazen Abdulsalam Jadid Factory For Manufacturing Safety Equipment

Industrial City No. 3, Jazan Road, Jeddah, Kingdom of Saudi Arabia

Tel: +966 506 667 516

E-mail: mafco2000@gmail.com

Certificate No: 1280Ka to EN 14384:2005

'MAFCO' Pillar Fire Hydrants

| Product Name | Inlet size | Hose outlet | Pumper | LPCB Ref. No. |
|--------------|-------------|---------------------|--------------------|---------------|
| MAFH4 | 4" (DN 100) | 2 X 2.5" BSP (65mm) | 1 x 4" BSP (100mm) | 1280Ka/02 |
| MAFH6 | 6" (DN 150) | 2 X 2.5" BSP (65mm) | 1 x 4" BSP (100mm) | 1280Ka/03 |

Melton Egypt

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

Tel: +202 4489 2078

E-mail: info@melton-eg.com • Website: www.melton-eg.com

Certificate No: 1280Ja to EN 14384:2005

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'MELTON' Pillar Fire Hydrants

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

NAFFCO FZ Co

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

Tel: +971 4815111

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

Certificate No: 463n to EN 14384

Pillar Fire Hydrants

| Product Name | Inlet size | Hose Outlet | Pumper Outlet | LPCB Ref. No. |
|---------------------|-------------|---|------------------|---------------|
| 100 NHC - 800 | 4" (DN 100) | 2 x G21/2" BS 336 quick coupling | 1 x G4" (100mm) | 463n/01 |
| 100 NHC - 1200 | 4" (DN 100) | 2 x G21/2" 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 21/2" straight landing valve with BS 336 quick coupling | 1 x G4" (100mm) | 463n/04 |
| 150 NFHV - 800 | 6" (DN 150) | 2 x 21/2" straight landing valve with BS 336 quick coupling | 1 x G4" (100mm) | 463n/05 |
| 150 NFHV - 1200 | 6" (DN 150) | 2 x 21/2" straight landing valve with BS 336 quick coupling | 1 x G4" (100mm) | 463n/06 |
| 100 NFHQ - 800 | 4" (DN 100) | 2 x G21/2" BS 336 quick coupling | 1 x G4" (100mm) | 463n/07 |
| 100 NFHQ - 1200 | 4" (DN 100) | 2 x G21/2" BS 336 quick coupling | 1 x G4" (100mm) | 463n/08 |
| 150 NFHQ - 800 | 6" (DN 150) | 2 x G21/2" BS 336 quick coupling | 1 x G4" (100mm) | 463n/09 |
| 150 NFHQ - 1200 | 6" (DN 150) | 2 x G21/2" BS 336 quick coupling | 1 x G4" (100mm) | 463n/10 |
| 100 NFHQC - 800 | 4" (DN 100) | 2 x G21/2" BS 336 quick coupling | 1 x G4" (100mm) | 463n/11 |
| 100 NFHQC - 1200 | 4" (DN 100) | 2 x G21/2" BS 336 quick coupling | 1 x G4" (100mm) | 463n/12 |
| 150 NFHQC - 800 | 6" (DN 150) | 2 x G21/2" BS 336 quick coupling | 1 x G4" (100mm) | 463n/13 |
| 150 NFHQC - 1200 | 6" (DN 150) | 2 x G21/2" BS 336 quick coupling | 1 x G4" (100mm) | 463n/14 |
| 100 NFHQS-CD - 800 | 4" (DN 100) | 2 x G21/2" BS 336 quick coupling | 1 x G4" (100mm) | 463n/15 |
| 150 NFHQS-CD - 1200 | 6" (DN 150) | 2 x G21/2" BS 336 quick coupling | 1 x G4" (100mm) | 463n/18 |
| 100 NFHQS-CD - 1200 | 4" (DN 100) | 2 x G21/2" BS 336 quick coupling | 1 x G4" (100mm) | 463n/16 |
| 150 NFHQS-CD - 800 | 6" (DN 100) | 2 x G21/2" BS 336 quick coupling | 1 x G4" (100mm) | 463n/17 |
| 100NFHQV-CD1 | 4" (DN 100) | 2 x G21/2" BS 336 quick coupling | 1 v G4" (100 mm) | 463n/19 |
| 100NFHQV-CD2 | 4" (DN 100) | 2 x G2½" BS 336 quick coupling | 1 v G4" (100 mm) | 463n/20 |
| 150NFHQV-CD1 | 6" (DN 150) | 2 x G2½" BS 336 quick coupling | 1 v G4" (100 mm) | 463n/21 |
| 150NFHQV-CD2 | 6" (DN 150) | 2 x G21/2" BS 336 quick coupling | 1 v G4" (100 mm) | 463n/22 |

National Factory for Security & Safety Equipment LLC

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

Tel: +968 2444 6268

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

Certificate No: 1280Ca to EN 14384:2005

AMANCO Pillar Fire Hydrants

| LPCB Ref. No. | Pumper | Hose outlet | Inlet size | Product Name |
|---------------|--------------------|---------------------|-------------|--------------|
| ım) 1280Ca/02 | 1 x 4" BSP (100mm) | 2 x 2.5" BSP (65mm) | 4" (DN 100) | AFH4-DR |
| ım) 1280Ca/03 | 1 x 4" BSP (100mm) | 2 x 2.5" BSP (65mm) | 6" (DN 150) | AFH6-DR |
| 111) | TX4 BOI (TOOIIIII) | 2 x 2.0 Bor (00mm) | 0 (BN 100) | AI TIO DIX |

Ningbo Kaixuan Fire Control Equipment Co., Ltd.

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

Tel: +86 574 62025710

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

Certificate No: 1280a to EN 14384:2005

'FLAMETECH' Pillar fire hydrants

| | i iliai ili e ilyarante | | | |
|--------------|-------------------------|---------------------|--------------------|---------------|
| 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 |
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| FT16-083S | 6" (DN 150) | 2 X 2.5" BSP (65mm) | 1 x 4" BSP (100mm) | 1280a/03 |
|-----------|-------------|---|--------------------|----------|
| FT16-117T | 6" (DN 150) | 2 X 2.5" BSP (65mm) | 1 x 4" BSP (100mm) | 1280a/04 |
| FT16-082T | 4" (DN 100) | 2 X 2.5" BS 336 (delivery hose connector) | 1 x 4" BSP (100mm) | 1280a/05 |
| FT16-117U | 4" (DN 100) | 2 X 2.5" BS 336 (delivery hose connector) | 1 x 4" BSP (100mm) | 1280a/06 |
| FT16-083T | 6" (DN 150) | 2 X 2.5" BS 336 (delivery hose connector) | 1 x 4" BSP (100mm) | 1280a/07 |
| FT16-117V | 6" (DN 150) | 2 X 2.5" BS 336 (delivery hose connector) | 1 x 4" BSP (100mm) | 1280a/08 |

SFFECO GLOBAL FZE

S-10833, Jebel Ali Free Zone, Authority South 1, Dubai, 261318, United Arab Emirates

Tel: +971 4 880 9890

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

Certificate No: 1280Ba to EN 14384:2005

SFFECO Pillar Fire Hydrants

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

The Viking Corporation

210 N Industrial Park, Hastings, Michigan 49058, USA

Tel: +1 269 945 9501

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

Certificate No: 096w to EN 14384:2005

Viking Corp Fireking Pillar Fire Hydrants

| Product Name | Inlet size | Hose outlet | Pumper | LPCB Ref. No. |
|--------------|-------------|---------------------|--------------------|---------------|
| HYF5 | 4" (DN 100) | 2 X 2.5" BSP (65mm) | 1 x 4" BSP (100mm) | 096w/01 |
| HYF2 | 4" (DN 100) | 2 X 2.5" BSP (65mm) | 1 x 4" BSP (100mm) | 096w/02 |
| 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 |

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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 <u>not</u> carried out as part of this directive.

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

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

| EN 3-7 +A1 | Characteristics, performance requirements and test methods |
|------------|---|
| EN 3-8 | 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 |
| EN 3-9 | Additional requirements to EN 3-7 for pressure resistance of CO2 extinguishers |
| EN 3-10 | Provisions for evaluating the conformity of a portable fire extinguisher to EN 3-7 |

Abbreviations used for LPCB listing of portable fire extinguishers

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

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

Labelling

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

| which they have demonstrated earliestly performance as defined in Erv 6. In earlimary. | | | | | |
|--|--|--|--|--|--|
| Class A: | for use on flammable solid materials, for example wood, paper, coal, straw, cloth etc. | | | | |
| Class B : | for use on fires involving flammable liquids or liquefiable solids. | | | | |
| Class C : | for fires involving gases. | | | | |
| Class D : | for fires involving metals for example magnesium, sodium, cadmium, manganese. | | | | |
| Class F: | for use on cooking oil fires. | | | | |

Colour Coding

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

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

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Associated Enterprises (S) Pte Ltd.

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

Tel: +65-64550555

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

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

Portable fire extinguishers

| Product Name | Туре | Capacity | Fire rating | LPCB Ref. No. |
|--------------|-------------------|----------|--------------|---------------|
| 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-6-WC | Wet Chemical (SP) | 6 litre | 21A/113B/75F | 1092Aa/23 |
| PRO-2-CD-AL | CO ₂ | 2 kg | 34B | 1092Aa/30 |
| PRO-2-CD | CO ₂ | 2 kg | 34B | 1092Aa/31 |
| PRO-5-CD-AL | CO ₂ | 5 kg | 70B | 1092Aa/32 |
| PRO-5-CD | CO ₂ | 5 kg | 70B | 1092Aa/33 |
| PRO-3-WC | Wet Chemical (SP) | 3 litre | 13A/70B/40F | 1092Aa/22 |

Ceasefire Industries Private Limited

E6, Selaqui Industrial Area, Dehradun, Uttarakhand, 248011, India

Tel: +911204223473 E-mail: amit@ceasefire.in

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

'CEASEFIRE' Portable Fire Extinguishers

| Product Name | Туре | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|--------------------|----------|------------------|---------------|
| 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-000737 | BC Powder (SP) | 4 kg | 233B | 1329b/05 |
| CF-000738 | BC Powder (SP) | 6 kg | 233B | 1329b/06 |
| CF-000706 | Clean Agent (SP) | 4 kg | 34B | 1329b/07 |
| CF-000707 | Clean Agent (SP) | 6 kg | 34B | 1329b/08 |
| 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-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-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-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 |
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| CF-000719 | Wet Chemical (SP) | 6 litre | 13A / 75F | 1329b/30 |
|-------------------------|--|---------|--------------|----------------------|
| CF-000720 | Wet Chemical (SP) | 9 litre | 21A / 75F | 1329b/31 |
| CF-000700 | CO ₂ | 2 kg | 34B | 1329b/32 |
| CF-000702 | CO ₂ | 2 kg | 34B | 1329b/33 |
| CF-000701 | CO ₂ | 5 kg | 70B | 1329b/34 |
| CF-000703 | CO ₂ | 5 kg | 70B | 1329b/35 |
| CF-000705 | Clean Agent (SP) | 2 kg | 21B | 1329b/36 |
| CF-000849 | Clean Agent (SP) | 2 kg | 21B | 1329b/37 |
| CF-000850 | Clean Agent (SP) | 4 kg | 21B | 1329b/38 |
| 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-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-000721 | ABC 90 Powder (SP) | 1 kg | 5A / 21B | 1329b/46 |
| CF-000736 | BC Powder (SP) | 2 kg | 89B | 1329b/47 |
| CF-000739 | BC Powder (SP) | 9 kg | 233B | 1329b/48 |
| CF-000800 | Wet Chemical (SP) | 3 litre | 8A / 40F | 1329b/49 |
| CF-000801 | Wet Chemical (SP) | 6 litre | 13A / 75F | 1329b/50 |
| CF-000802 | Wet Chemical (SP) | 9 litre | 21A / 75F | 1329b/51 |
| CF-000735 | ABC 50 Powder (SP) | 12 kg | 55A / 233B | 1329b/52 |
| CF-000726 | ABC 90 Powder (SP) | 12 kg | 55A / 233B | 1329b/53 |
| CF-000799 | Water (SP) | 9 litre | 21A | 1329b/54 |
| CF-000805S | Foam Spray (SP) | 3 litre | 8A/89B/25F | 1329b/60 |
| CF-000779S | Foam Spray (SP) | 3 litre | 8A/89B/25F | 1329b/59 |
| CF-000806S | Foam Spray (SP) | 6 litre | 13A/144B/40F | 1329b/62 |
| CF-000715S | Foam Spray (SP) | 6 litre | 13A/144B/40F | 1329b/61 |
| CF-000807S | Foam Spray (SP) | 9 litre | 21A/233B/75F | 1329b/64 |
| CF-000716S | Foam Spray (SP) | 9 litre | 21A/233B/75F | 1329b/63 |
| CF-000717S | Water Spray (SP) | 6 litre | 13A/25F | 1329b/55 |
| CF-000718S | Water Spray (SP) | 6 litre | 21A/40F | 1329b/56 |
| CF-000798S | Water Spray (SP) | 9 litre | 13A/25F | 1329b/57 |
| CF-000799S | Water Spray (SP) | 9 litre | 21A/40F | 1329b/58 |
| CF-001335 | Clean Agent FK-5-1-12 (SP) | 6 kg | 34B | 1329b/67 |
| CF-001333 | Clean Agent FK-5-1-12 (SP) | 2 kg | 21B | 1329b/65 |
| CF-001334 | Clean Agent FK-5-1-12 (SP) | 4 kg | 34B | 1329b/66 |
| CF-001334 | Clean Agent FK-5-1-12 (SP) | 9 kg | 55B | 1329b/68 |
| CF-001479 | Fluorine free foam (SP) | 3 litre | 8A/55B | 1329b/69 |
| CF-001479 | Fluorine free foam (SP) | 6 litre | 13A/113B | 1329b/09 |
| CF-001482 | Wet Chemical Spray (SP) | 3 litre | 8A/40F | 1329b/70 |
| CF-001481 | Fluorine free foam (SP) | 9 litre | 21A/183B | 1329b/71 |
| CF-001483 | Wet Chemical Spray (SP) | 6 litre | 13A/75F | 1329b/71 |
| CF-001463 | Wet Chemical Spray (SP) Wet Chemical Spray (SP) | 9 litre | 21A/75F | 1329b/73 |
| CF-001503 | Wet Chemical Spray (SP) Wet Chemical Spray (SP) | 3 litre | 8A/40F | 1329b/75 |
| CF-001501 | Wet Chemical Spray (SP) Wet Chemical Spray (SP) | 6 litre | 13A/75F | 1329b/75 |
| CF-001502 CF-001484 | Wet Chemical Spray (SP) | 9 litre | 21A/75F | 1329b/76 1329b/74 |
| CF-001484 CF-000706C | Clean Agent (SP) | | | |
| | <u> </u> | 4 kg | 21B | 1329b/80 |
| CF-000707C | Clean Agent (SP) | 6 kg | 34B | 1329b/81 |
| CF-00070C | CO ₂ | 2 kg | 34B | 1329b/78 |
| CF-000708C | Clean Agent (SP) | 9 kg | 55B | 1329b/82 |
| CF-000701C | CO ₂ | 5 kg | 70B | 1329b/79 |

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 | Туре | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|--------------------|----------|-------------|---------------|
| CF-000984 | CO ₂ | 2 kg | 34B | 1329g/32 |
| CF-000985 | CO ₂ | 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 |
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CF-001182 Wet Chemical (SP) 9 litre 21A / 75F 1329g/31

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

'CEASEFIRE' Portable Fire Extinguishers

| Product Name | Туре | Capacity | Fire Rating | LPCB Ref. No |
|--------------|--------------------|----------|------------------|--------------|
| CF-001108 | CO ₂ | 2 kg | 34B | 1329h/32 |
| CF-001109 | CO ₂ | 2 kg | 34B | 1329h/33 |
| CF-001110 | Clean Agent (SP) | 2 kg | 21B | 1329h/36 |
| CF-001111 | Clean Agent (SP) | 2 kg | 21B | 1329h/37 |
| CF-001112 | Clean Agent (SP) | 4 kg | 34B | 1329h/07 |
| CF-001113 | Clean Agent (SP) | 4 kg | 21B | 1329h/38 |
| CF-001114 | Clean Agent (SP) | 6 kg | 34B | 1329h/08 |
| CF-001115 | Clean Agent (SP) | 6 kg | 34B | 1329h/39 |
| CF-001125 | Foam (SP) | 6 litre | 13A / 144B | 1329h/11 |
| CF-001126 | Foam (SP) | 6 litre | 13A / 144B | 1329h/12 |
| CF-001127 | Foam (SP) | 9 litre | 21A / 233B | 1329h/13 |
| CF-001128 | Foam (SP) | 9 litre | 21A / 233B | 1329h/14 |
| CF-001121 | Foam Mist (SP) | 2 litre | 5A / 55B / 25F | 1329h/16 |
| CF-001122 | Foam Mist (SP) | 6 litre | 13A / 144B / 40F | 1329h/18 |
| CF-001137 | ABC 50 Powder (SP) | 1 kg | 5A / 34B | 1329h/42 |
| CF-001137SG | ABC 50 Powder (SP) | 1 kg | 5A / 34B | 1329h/43 |
| CF-001138 | ABC 50 Powder (SP) | 2 kg | 8A / 70B | 1329h/44 |
| CF-001138SG | ABC 50 Powder (SP) | 2 kg | 8A / 70B | 1329h/45 |
| CF-001139 | ABC 50 Powder (SP) | 4 kg | 21A / 144B | 1329h/19 |
| CF-001140 | ABC 50 Powder (SP) | 6 kg | 27A / 183B | 1329h/20 |
| CF-001141 | ABC 50 Powder (SP) | 9 kg | 43A / 233B | 1329h/21 |
| CF-001142 | ABC 90 Powder (SP) | 1 kg | 5A / 21B | 1329h/46 |
| CF-001143 | ABC 90 Powder (SP) | 2 kg | 13A / 55B | 1329h/01 |
| CF-001144 | ABC 90 Powder (SP) | 4 kg | 21A / 144B | 1329h/02 |
| CF-001145 | ABC 90 Powder (SP) | 6 kg | 27A / 183B | 1329h/03 |
| CF-001146 | ABC 90 Powder (SP) | 9 kg | 43A / 233B | 1329h/04 |
| CF-001147 | BC Powder (SP) | 2 kg | 89B | 1329h/47 |
| CF-001149 | BC Powder (SP) | 4 kg | 233B | 1329h/05 |
| CF-001150 | BC Powder (SP) | 6 kg | 233B | 1329h/06 |
| CF-001148 | BC Powder (SP) | 9 kg | 233B | 1329h/48 |
| CF-001129 | Water (SP) | 6 litre | 13A | 1329h/22 |
| CF-001130 | Water (SP) | 6 litre | 13A | 1329h/23 |
| CF-001131 | Water (SP) | 9 litre | 21A | 1329h/24 |
| CF-001132 | Water (SP) | 9 litre | 21A | 1329h/54 |
| CF-001118 | Water Mist (SP) | 2 litre | 5A / 25F | 1329h/25 |
| CF-001119 | Water Mist (SP) | 6 litre | 13A / 75F | 1329h/27 |
| CF-001120 | Water Mist (SP) | 9 litre | 21A / 75F | 1329h/28 |
| CF-001133 | Wet Chemical (SP) | 6 litre | 13A / 75F | 1329h/30 |
| CF-001135 | Wet Chemical (SP) | 6 litre | 13A / 75F | 1329h/50 |
| CF-001134 | Wet Chemical (SP) | 9 litre | 21A / 75F | 1329h/31 |
| CF-001136 | Wet Chemical (SP) | 9 litre | 21A / 75F | 1329h/51 |

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Website: 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 | Туре | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|------------------|----------|-------------|---------------|
| 000700 | CO ₂ | 2 kg | 34B | 1329Ab/32 |
| 000702 | CO ₂ | 2 kg | 34B | 1329Ab/33 |
| 000701 | CO ₂ | 5 kg | 70B | 1329Ab/34 |
| 000703 | CO ₂ | 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 |

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| 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 |
| 00800 | Wet Chemical (SP) | 3 litre | 8A / 40F | 1329Ab/49 |
| 000719 | Wet Chemical (SP) | 6 litre | 13A / 75F | 1329Ab/30 |
| 000801 | Wet Chemical (SP) | 6 litre | 13A / 75F | 1329Ab/50 |
| 000720 | Wet Chemical (SP) | 9 litre | 21A / 75F | 1329Ab/31 |
| 000802 | Wet Chemical (SP) | 9 litre | 21A / 75F | 1329Ab/51 |

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

'CEASEFIRE' & 'SECUREZONE' Portable Fire Extinguishers

| Product Name | Туре | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|--------------------|----------|-------------|---------------|
| 000984 | CO ₂ | 2 kg | 34B | 1329Ag/32 |
| 000985 | CO ₂ | 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 |

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

'EMACO' Portable Fire Extinguishers

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

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

'FIREKING' Portable Fire Extinguishers

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

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

FIREMARK Portable Fire Exinguishers

| Product Name | Туре | Capacity | Fire rating | LPCB Ref. No. |
|--------------|---------------------|----------|----------------|---------------|
| C2/1S | CO ₂ | 2 kg | 34B | 867Ca/10 |
| C5/1S | CO ₂ | 5 kg | 89B | 867Ca/11 |
| F6/1 | Foam (SP) | 6 litre | 21A/183B | 867Ca/12 |
| 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 |
| WC6/1 | Wet Chemical (SP) | 6 litre | 21A/ 113B/ 75F | 867Ca/16 |
| WA6/2 | Water Additive (SP) | 6 litre | 21A | 867Ca/19 |
| F6/2 | Foam (SP) | 6 litre | 34A / 183B | 867Ca/20 |

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F2/1 Foam (SP) 2 litre 8A / 55B 867Ca/21

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

Fullblaze Portable Fire Extinguishers

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

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

Portable Fire Extinguishers

| Product Name | Туре | 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 |

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

Portable Fire Extinguishers

| Туре | Capacity | Fire rating | LPCB Ref. No. |
|-----------------|---|---|--|
| Foam (SP) | 6 litre | 34A/183B | 783b/01 |
| CO ₂ | 2 kg | 34B | 783b/02 |
| CO ₂ | 2 kg | 55B | 783b/03 |
| CO ₂ | 5 kg | 70B | 783b/04 |
| | Foam (SP) CO ₂ CO ₂ | Foam (SP) 6 litre CO2 2 kg CO2 2 kg | Foam (SP) 6 litre 34A/183B CO2 2 kg 34B CO2 2 kg 55B |

Jewel Fire Group Limited

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

'JEWEL FIRE GROUP' Portable Fire Extinguishers

| Product Name | Туре | 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 |

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 | Туре | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| 1WMX | Water Mist (SP) | 1 litre | 5F | 1094b/01 |
| 25 Apr 2025 | | | | Page 60 of 75 |

1.4WMX Water Mist (SP) 1.4 litre 5A / 5F 1094b/02

Lingjack Engineering Works PTE Ltd

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

Tel: +65 6759 4163

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 | Туре | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|---------------------|----------|-------------|---------------|
| 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-6FSE (1) | Foam (SP) | 6 litre | 8A/113B | 501a/07 |
| C-9FSE (1) | Foam (SP) | 9 litre | 34A/233B | 501a/08 |
| C-6WSE (1) | Water (SP) | 6 litre | 8A | 501a/09 |
| C-9WSE (1) | Water (SP) | 9 litre | 13A | 501a/10 |
| 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-6SF (2) | Foam (SP) | 6 litre | 8A/113B | 501a/07 |
| Q-9SF (2) | Foam (SP) | 9 litre | 34A/233B | 501a/08 |
| Q-6SW (2) | Water (SP) | 6 litre | 8A | 501a/09 |
| Q-9SWE (2) | Water (SP) | 9 litre | 13A | 501a/10 |
| C-9FCE (1) | Foam (GC) | 9 litre | 34A/233B | 501a/11 |
| C-9WSEA (1) | Water additive (SP) | 9 litre | 21A | 501a/12 |
| C-9WCEA (1) | Water additive (GC) | 9 litre | 21A | 501a/13 |
| C-2CSEC (1) | Carbon dioxide | 2 kg | 34B | 501a/14 |
| C-5CSEC (1) | Carbon dioxide | 5 kg | 55B | 501a/15 |
| Q-9CF (2) | Foam (GC) | 9 litre | 34A/233B | 501a/11 |
| Q-9WSEA (2) | Water additive (SP) | 9 litre | 21A | 501a/12 |
| Q-9WCEA (2) | 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 |
| 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 |
| 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 |
| 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 |
| 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 |

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

Portable Fire Extinguishers

| Product Name | Туре | 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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NAFFCO FZ Co

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

Tel: +971 4815111

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

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

Portable Fire Extinguishers

| Product Name | Туре | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|---------------------|----------|--------------|---------------|
| NC2 | CO ₂ | 2 kg | 34B | 463a/01 |
| NCS2 | CO ₂ | 2 kg | 34B | 463a/06 |
| NCZ2 | CO ₂ | 2 kg | 55B | 463a/07 |
| NC5 | CO ₂ | 5 kg | 55B | 463a/02 |
| NF6 | Foam (SP) | 6 litre | 21A/144B | 463a/08 |
| NF9 | Foam (SP) | 9 litre | 21A/183B | 463a/09 |
| NP1 | ABC Powder (SP) | 1 kg | 8A/34B | 463a/05 |
| NP2 | ABC Powder (SP) | 2 kg | 13A/70B | 463a/37 |
| NP4 | ABC Powder (SP) | 4 kg | 21A/113B | 463a/10 |
| NP6 | ABC Powder (SP) | 6 kg | 34A/183B | 463a/38 |
| NP9 | ABC Powder (SP) | 9 kg | 43A/233B | 463a/03 |
| NP12 | ABC Powder (SP) | 12 kg | 55A/233B | 463a/04 |
| NW6 | Water (SP) | 6 litre | 13A | 463a/11 |
| NW9 | Water (SP) | 9 litre | 21A | 463a/12 |
| NWN6 | Water (SP) | 6 litre | 13A | 463a/13 |
| NWN9 | Water (SP) | 9 litre | 13A | 463a/14 |
| NC5X | CO ₂ | 5 kg | 70B | 463a/15 |
| NCA5X | CO ₂ | 5 kg | 70B | 463a/16 |
| NF3 | Foam (SP) | 3 litre | 8A/70B | 463a/17 |
| NF3X | Foam (SP) | 3 litre | 8A/70B | 463a/18 |
| NF6X | Foam (SP) | 6 litre | 27A/144B | 463a/19 |
| NF9X | Foam (SP) | 9 litre | 27A/233B | 463a/20 |
| NFA9 | Foam (SP) | 9 litre | 21A/183B | 463a/21 |
| NW6X | Water (SP) | 6 litre | 13A | 463a/22 |
| NW9X | Water (SP) | 9 litre | 21A | 463a/23 |
| NWA9 | Water (SP) | 9 litre | 21A | 463a/24 |
| 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 |
| NFC6X | Foam (GC) | 6 litre | 27A/144B | 463a/26 |
| NFC9X | Foam (GC) | 9 litre | 34A/233B | 463a/27 |
| NP3 | ABC Powder (SP) | 3 kg | 21A/89B | 463a/28 |
| NWC6X | Water (SP) | 6 litre | 13A | 463a/29 |
| NWC9X | Water (SP) | 9 litre | 21A | 463a/30 |
| 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 |
| 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 |

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

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

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

'NAF' Portable Fire Extinguishers

| Product Name | Туре | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| NCD5 | CO ₂ | 5 kg | 70B | 1092Ia/33 |
| NPD6S | ABC Powder (SP) | 6 kg | 43A/233B | 1092Ia/09 |
| NFM6 | Foam (SP) | 6 litre | 21A/144B | 1092Ia/17 |
| NFM9 | Foam (SP) | 9 litre | 27A/233B | 1092Ia/19 |
| NPD9 | ABC Powder (SP) | 9 kg | 55A/233B | 1092Ia/11 |
| NPD12 | ABC Powder (SP) | 12 kg | 55A/233B | 1092la/12 |
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Qatar Factory For Fire Fighting Equipment & Safety Systems - NAFFCO

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Tel: +974 4402 5888

E-mail: info@qatarfactory.qa • Website: www.qatarfactory.qa

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

Portable fire extinguishers

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

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

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

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

'WETPLUG' Portable Fire Extinguishers

| Product Name | Туре | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|---------------------|----------|--------------|---------------|
| WPC2A | CO ₂ | 2 kg | 34B | 1092La/30 |
| WPC2 | CO ₂ | 2 kg | 34B | 1092La/31 |
| WPC5A | CO ₂ | 5 kg | 70B | 1092La/32 |
| WPC5 | CO ₂ | 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 |

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

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

Tel: +44 (0)330 999 22 33

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

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

FIRECHIEF FM, XTR, POWERPLUS & ECOSPRAY Extinguishers

| Product Name | Туре | Capacity | Fire rating | LPCB Ref. No. |
|--------------|-----------|----------|-------------|---------------|
| FXF2 | Foam (SP) | 2 litre | 8A/55B | 1093a/15 |
| FXF6 | Foam (SP) | 6 litre | 21A/144B | 1093a/17 |
| FXF9 | Foam (SP) | 9 litre | 27A/233B | 1093a/19 |
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| FMP1 | ABC Powder (SP) | 1 kg | 8A/34B | 1093a/01 |
|--------|---------------------|---------|--------------|----------|
| PPP1 | ABC Powder (SP) | 1 kg | 8A/55B | 1093a/04 |
| FXP2 | ABC Powder (SP) | 2 kg | 13A/89B | 1093a/06 |
| FXP4 | ABC Powder (SP) | 4 kg | 27A/144B | 1093a/08 |
| FXP6 | ABC Powder (SP) | 6 kg | 43A/233B | 1093a/09 |
| FXP9 | ABC Powder (SP) | 9 kg | 55A/233B | 1093a/11 |
| FXP12 | ABC Powder (SP) | 12 kg | 55A/233B | 1093a/12 |
| FXW6 | Water (SP) | 6 litre | 13A | 1093a/24 |
| FXW9 | Water (SP) | 9 litre | 21A | 1093a/25 |
| ESW3 | Water Additive (SP) | 3 litre | 13A | 1093a/28 |
| ESW6 | Water Additive (SP) | 6 litre | 27A | 1093a/29 |
| FXWC6 | Wet Chemical (SP) | 6 litre | 21A/113B/75F | 1093a/23 |
| FXF3 | Foam (SP) | 3 litre | 13A/89B | 1093a/16 |
| FXP3 | ABC Powder (SP) | 3 kg | 21A/113B | 1093a/07 |
| FXWC2 | Wet Chemical (SP) | 2 litre | 8A/34B/25F | 1093a/21 |
| FXCD2S | CO ₂ | 2 kg | 34B | 1093a/31 |
| FXCD5S | CO ₂ | 5 kg | 70B | 1093a/33 |
| FXWC3 | Wet Chemical (SP) | 3 litre | 13A/70B/40F | 1093a/22 |

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

FIRECHIEF FM Portable Fire Extinguishers

| Product Name | Туре | 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 |

Yuyao Tianbo Fire Fighting Equipment Co., Ltd.

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

Tel: +86-21-61602389

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

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

Portable Fire Extinguishers

| Product Name | Туре | Capacity | Fire rating | LPCB Ref. No. |
|--------------|---------------------|----------|--------------|---------------|
| TMFM2S | Foam (SP) | 2 litre | 8A/55B | 1092a/14 |
| TMFM6S | Foam (SP) | 6 litre | 21A/144B | 1092a/17 |
| TMPD1 | ABC Powder (SP) | 1 kg | 8A/34B | 1092a/03 |
| TMPD1E | ABC Powder (SP) | 1 kg | 8A/34B | 1092a/01 |
| TMPD1S | ABC Powder (SP) | 1 kg | 8A/55B | 1092a/04 |
| TMPD2S | ABC Powder (SP) | 2 kg | 13A/89B | 1092a/05 |
| 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 |
| TMWC6 | Wet Chemical (SP) | 6 litre | 21A/113B/75F | 1092a/23 |
| TMFM9S | Foam (SP) | 9 litre | 27A/233B | 1092a/19 |
| TMFM3S | Foam (SP) | 3 litre | 13A/89B | 1092a/16 |
| TMPD3S | ABC Powder (SP) | 3 kg | 21A/113B | 1092a/07 |
| TMWC2 | Wet Chemical (SP) | 2 litre | 8A/34B/25F | 1092a/21 |
| TMPD1A | ABC Powder (SP) | 1 kg | 8A/34B | 1092a/02 |
| TMCD2 | CO ₂ | 2 kg | 34B | 1092a/31 |
| TMCD5 | CO ₂ | 5 kg | 70B | 1092a/33 |
| TMCD2A | CO ₂ | 2 kg | 34B | 1092a/30 |
| TMCD5A | CO ₂ | 5 kg | 70B | 1092a/32 |
| TMFM6RS | Foam (SP) | 6 litre | 27A/183B | 1092a/18 |
| TMWC3 | Wet Chemical (SP) | 3 litre | 13A/70B/40F | 1092a/22 |

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

'TIANBO' Portable Fire Extinguishers

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| Product Name | Туре | 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 |

Zhejiang Orientx Fire Safety Equipment Co., Ltd.

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

Tel: 0086-574-62003908

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

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

Portable Fire Extinguishers

| Product Name | Туре | Capacity | Fire Rating | LPCB Ref. No. |
|--------------|-----------------|----------|-------------|---------------|
| OCE2-LWB117 | CO ₂ | 2 kg | 34B | 1327a/01 |
| OCE5-LWB152 | CO ₂ | 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

E-mail: jingxingli@ruihuafire.com

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

RUIHUA Portable Fire Extinguishers

| Product Name | Туре | Capacity | Fire rating | LPCB Ref. No. |
|----------------|---------------------|----------|--------------|---------------|
| K2S (1) | CO ₂ | 2 kg | 34B | 867a/10 |
| 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 |
| 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 |
| W9 (1) | Water (SP) | 9 litre | 21A | 867a/09 |
| K5S (1) | CO ₂ | 5 kg | 89B | 867a/11 |
| P2P | ABC Powder (SP) | 2 kg | 13A/89B | 867a/15 |
| S6 Eco Plus | Foam (SP) | 6 litre | 34A/183B | 867a/20 |
| S9 Eco (1,2) | Foam (SP) | 9 litre | 27A/233B | 867a/13 |
| W6 (1) | Water (SP) | 6 litre | 13A | 867a/17 |
| F6 (1) | Wet Chemical (SP) | 6 litre | 21A/113B/75F | 867a/16 |
| WA6 | Water Additive (SP) | 6 litre | 21A | 867a/19 |
| S6 Eco (1,2) | Foam (SP) | 6 litre | 21A / 183B | 867a/12 |
| S2 Eco (1,2) | Foam (SP) | 2 litre | 8A / 55B | 867a/21 |

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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 up to 30 metres in length. The purpose of this type of hose is to provide a steady flow of water quickly as a first response in a fire situation without having to set up lengths of hose from another source. The semi-rigid construction helps to prevent kinks which would restrict supply, is durable and operates in a fairly wide temperature range.

This section lists products approved in accordance with:

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

Al Ayed Hoses Factory

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

Tel: +966112600555

E-mail: info@ayed-sa.com • Website: 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

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

Certificate No: 463h to EN 694

Semi rigid hoses

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

Shaoxing Hongrun Fire Control Equipment Co., Ltd.

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

Tel: +86-575-82716911

E-mail: mkt-hongrun@hr-fire.com • Website: www.hr-fire.com

Certificate No: 1288a to EN 694:2014

HR Semi-rigid Hose

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

Suzhou HLC Plastics Industry Co. Ltd

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

Tel: +86 512 65366918

E-mail: info@suzhou-csj.com • Website: www.suzhou-csj.com

Certificate No: 1038b to 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 |
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SEMI RIGID HOSES

| 25mm Fire Hose (1) | Semi rigid hose, 25 mm, colour red/black | 1038b/02 |
|--------------------|--|----------|
| 33mm Fire Hose (2) | Semi rigid hose, 33 mm, colour red/black | 1038b/03 |

Yuyao Tianning Fire Control Equipment Co., Ltd.

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

Tel: 0086 15618883100

E-mail: Nicole.mengxiaozhang@hotmail.com • Website: www.tianningfire.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 |

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

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

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

This section lists products approved in accordance with:

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

Brake Fire Safety and Security

Building 8, Industrial Area / 1 Amman Street, Ajman, United Arab Emirates

Tel: +971 551 668 286

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

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

'BRAKE FIRE' Landing Valves for Wet Risers

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

EMACO GLOBAL LLC

3118 Beckett Way, Lakeland, FL 33810, USA

Tel: +1 (516) 288-8935

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

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

'EMACO' Wet Landing Valves

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

Emerson Automation Solutions Final Control UK Ltd

Sharp Street, Worsley, Manchester, M28 3NA, United Kingdom

Tel: 0161 703 1971

E-mail: David.Kerr@Emerson.com • Website: Emerson.com/en-gb

Certificate No: 1767a to BS 5041-1

Bailey Class F, DN 40 flanged inlet, bib nosed type high pressureregulating landing valve.

| Product Name | Description | LPCB Ref. No. |
|----------------|---|---------------|
| Bailey Class F | DN40, bib nosed type, high pressure, flanged inlet, landing valve | 1767a/01 |
| | | |

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

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

Tel: +971 6 5340300

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

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

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'FIREX' Landing Valves for Wet Risers

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

Fire King Security and Safety Equipment

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

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

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

Wet Landing Valves

| Product Name | Description | LPCB Ref. No. |
|---------------|--|---------------|
| FK06-198E-00 | 2 1/2", oblique type, low pressure, BSPT male threaded inlet, globe valve | 1153Xe/17 |
| FK06-198E1-00 | 2 ½", oblique type, low pressure, BSP female threaded inlet, globe valve | 1153Xe/18 |
| FK06-198F1-00 | DN65, oblique type, low pressure, flanged inlet, globe valve | 1153Xe/20 |
| FK06-198G-00 | 2 ½", right angle type, low pressure, BSPT male threaded inlet, globe valve | 1153Xe/21 |
| FK06-198G1-00 | 2 ½", right angle type, low pressure, BSP female threaded inlet, globe valve | 1153Xe/22 |
| FK06-198H1-00 | DN65, right angle type, low pressure, flanged inlet, globe valve | 1153Xe/24 |
| FK06-200E-00 | 2 ½", horizontal type, low pressure, BSPT male threaded inlet, globe valve | 1153Xe/25 |
| FK06-200E1-00 | 2 ½", horizontal type, low pressure, BSP female threaded inlet, globe valve | 1153Xe/26 |
| FK06-200F1-00 | DN65, horizontal type, low pressure, flanged inlet, globe valve | 1153Xe/28 |
| FK06-199C-00 | 2 ½", bib nosed type, high pressure, BSPT male threaded inlet, globe valve | 1153Xe/29 |
| FK06-199D1-00 | DN65, bib nosed type, high pressure, flanged inlet, globe valve | 1153Xe/31 |

Knowsley SK Limited

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

Tel: +44 (0) 161 872 7511

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

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

Knowsley SK Wet Landing Valves

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

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

Knowsley SK Wet Landing Valves

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

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Lingjack Engineering Works PTE Ltd

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

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

'Lingjack' Wet Landing Valves

| Product Name | Description | LPCB Ref. No. |
|--------------|---|---------------|
| LV-DR25 | 2½" PN16, oblique, screwed inlet, low pressure | 501c/01 |
| LV-OF25 | 2½" PN16, oblique, flanged inlet, low pressure | 501c/02 |
| LV-RA25 | 2½" PN16, right angle, screwed inlet, low pressure | 501c/03 |
| LV-RAF25 | 2½" PN16, right angle, flanged inlet, low pressure | 501c/04 |
| LV-HS25 | 21/2" PN16, horizontal, screwed inlet, low pressure | 501c/05 |
| LV-HF25 | 21/2" PN16, horizontal, flanged inlet, low pressure | 501c/06 |
| LV-BNS25 | 21/2" PN16, bib nosed, screwed inlet, low pressure | 501c/07 |
| LV-BNF25 | 2½" PN16, bib nosed, flanged inlet, low pressure | 501c/08 |
| DH6I screw | 21/2", bib nosed, screwed inlet, high pressure | 501c/09 |
| DH6I flange | 21/2", bib nosed, flanged inlet, high pressure | 501c/10 |
| DV-RAF25 | 2½" PN16, diaphragm valve, right angle, flanged inlet, low pressure | 501c/11 |
| DV-HF25 | 2½" PN16, diaphragm valve, horizontal, flanged inlet, low pressure | 501c/12 |
| LV-BNF25 | 21/2" PN16, diaphragm valve, bib nosed, flanged inlet, low pressure (3) | 501c/13 |

MOBIAK S.A.

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

Tel: +30 28210 63222

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

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

'MOBIAK' Wet Landing Valves

| Product Name | Description | LPCB Ref. No. |
|----------------|---|---------------|
| MBK06-198A-00 | DN50 flanged inlet, oblique type, low pressure | 1153Ae/01 |
| MBK06-198A1-00 | DN65 flanged inlet, oblique type, low pressure | 1153Ae/02 |
| MBK06-198B-00 | 2 1/2" BSP female threaded inlet, oblique type, low pressure | 1153Ae/03 |
| MBK06-198B1-00 | 2 ½" BSPT male threaded inlet, oblique type, low pressure | 1153Ae/04 |
| MBK06-198C-00 | DN50 flanged inlet, right angle type, low pressure | 1153Ae/05 |
| MBK06-198C1-00 | DN65 flanged inlet, right angle type, low pressure | 1153Ae/06 |
| MBK06-198D1-00 | 2 ½" BSPT male threaded inlet, right angle type, low pressure | 1153Ae/07 |
| MBK06-200A1-00 | 2 ½" BSPT male threaded inlet, horizontal type, low pressure | 1153Ae/08 |
| MBK06-200B-00 | DN50 flanged inlet, horizontal type, low pressure | 1153Ae/09 |
| MBK06-200B1-00 | DN65 flanged inlet, horizontal type, low pressure | 1153Ae/10 |
| MBK06-200C1-00 | 2 ½" BSPT male threaded inlet, bib nosed type, low pressure | 1153Ae/11 |
| MBK06-200D-00 | DN50 flanged inlet, bib nosed type, low pressure | 1153Ae/12 |
| MBK06-200D1-00 | DN65 flanged inlet, bib nosed type, low pressure | 1153Ae/13 |
| MBK06-199A-00 | DN50 flanged inlet, bib nosed type, high pressure | 1153Ae/14 |
| MBK06-199A1-00 | DN65 flanged inlet, bib nosed type, high pressure | 1153Ae/15 |
| MBK06-199B-00 | 2 ½" BSPT male threaded inlet, bib nosed type, high pressure | 1153Ae/16 |

NAFFCO FZ Co

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Tel: +971 4815111

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

Certificate No: 463e to BS 5041-1

NDR 098 Wet Landing Valves

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

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Tel: +86 574 62025710

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

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 1/2", 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 1/2", 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 |

Rapidrop Global Limited

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

Tel: +44 (0)1733 847 510

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

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

'RAPIDROP' Landing Valves for Wet Risers

| Product Name | Description | LPCB Ref. No. |
|--------------|--|---------------|
| Fig.605M | 2 ½", oblique type, low pressure, BSPT male threaded inlet, globe valve | 5661/01 |
| Fig.605F | 2 ½", oblique type, low pressure, BSP female threaded inlet, globe valve | 5661/02 |
| Fig.605 | DN65, oblique type, low pressure, flanged inlet, globe valve | 5661/03 |
| Fig.606M | 2 ½", right angle type, low pressure, BSPT male threaded inlet, globe valve | 5661/04 |
| Fig.606F | 2 ½", right angle type, low pressure, BSP female threaded inlet, globe valve | 5661/05 |
| Fig.606 | DN65, right angle type, low pressure, flanged inlet, globe valve | 5661/06 |
| Fig.607M | 2 ½", horizontal type, low pressure, BSPT male threaded inlet, globe valve | 5661/07 |
| Fig.607F | 2 ½", horizontal type, low pressure, BSP female threaded inlet, globe valve | 5661/08 |
| Fig.607 | DN65, horizontal type, low pressure, flanged inlet, globe valve | 5661/09 |
| Fig.608M | 2 ½", bib nosed type, high pressure, BSPT male threaded inlet, globe valve | 5661/10 |
| Fig.608 | DN65, bib nosed type, high pressure, flanged inlet, globe valve | 5661/11 |

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Shah Bhogilal Jethalal & Brothers

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Tel: +91 2764 268612 to 15

E-mail: info@aaagindia.in • Website: 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 |

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

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

'FIRETECH' Wet Landing Valves

| Product Name | Description | LPCB Ref. No |
|--------------|--|--------------|
| FT105M | 2 ½" BSPT male threaded inlet, bib nosed type, low pressure | 1153le/11 |
| FT105S | DN50 flanged inlet, bib nosed type, low pressure | 1153le/12 |
| FT105 | DN65 flanged inlet, bib nosed type, low pressure | 1153le/13 |
| FT102M | 2 ½", oblique type, low pressure, BSPT male threaded inlet, globe valve | 1153le/17 |
| FT102F | 2 ½", oblique type, low pressure, BSP female threaded inlet, globe valve | 1153le/18 |
| FT102 | DN65, oblique type, low pressure, flanged inlet, globe valve | 1153le/20 |
| FT103M | 2 ½", right angle type, low pressure, BSPT male threaded inlet, globe valve | 1153le/21 |
| FT103F | 2 1/2", right angle type, low pressure, BSP female threaded inlet, globe valve | 1153le/22 |
| FT103 | DN65, right angle type, low pressure, flanged inlet, globe valve | 1153le/24 |
| FT104M | 2 ½", horizontal type, low pressure, BSPT male threaded inlet, globe valve | 1153le/25 |
| FT104F | 2 ½", horizontal type, low pressure, BSP female threaded inlet, globe valve | 1153le/26 |
| FT104 | DN65, horizontal type, low pressure, flanged inlet, globe valve | 1153le/28 |
| FT101M | 2 1/2", bib nosed type, high pressure, BSPT male threaded inlet, globe valve | 1153le/29 |
| FT101 | DN65, bib nosed type, high pressure, flanged inlet, globe valve | 1153le/31 |
| FT102S | DN50, oblique type, low pressure, flanged inlet, globe valve | 1153le/19 |
| FT103S | DN50, right angle type, low pressure, flanged inlet, globe valve | 1153le/23 |
| FT104S | DN50, horizontal type, low pressure, flanged inlet, globe valve | 1153le/27 |
| FT101S | DN50, bib nosed type, high pressure, flanged inlet, globe valve | 1153le/30 |

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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 1/2" 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 |

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The Viking Corporation

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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 1/2", bib nosed type, high pressure, BSPT male threaded inlet, globe valve | 1153Ke/16 |

Tianjin Pro Made Fire Equipment Company Limited

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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 1/2", bib nosed type, low pressure, BSPT male threaded inlet, globe valve | 1153Le/11 |
| F27-50 | DN50, bib nosed type, low pressure, flanged inlet, globe valve | 1153Le/12 |
| F27-65 | DN65, bib nosed type, low pressure, flanged inlet, globe valve | 1153Le/13 |
| F29-50 | DN50, bib nosed type, high pressure, flanged inlet, globe valve | 1153Le/14 |
| F29-65 | DN65, bib nosed type, high pressure, flanged inlet, globe valve | 1153Le/15 |
| F30-65T | 2 ½", bib nosed type, high pressure, BSPT male threaded inlet, globe valve | 1153Le/16 |

Walter Frank & Sons Ltd.

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 $\hbox{E-mail: noor@westleygroup.co.uk/walter-frank} \\$

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

Wet landing valves

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

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

Wet landing valves

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

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