

Fire Protection for the Construction Industry

Supply, delivery & storage of your fire extinguishers



Extinguisher covers, stands, trolleys



Construction, Design & Management (CDM)



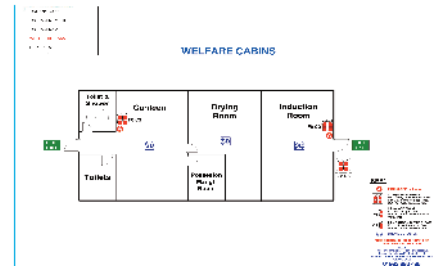
Health & safety signage



Fire risk assessment



Set up forms & fire plans



Dry riser visual & wet, & hydrant testing



Wireless evacuation systems



Construction personnel fire training



Portable Appliance Testing (PAT)



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Supply, delivery/collection & storage of your fire extinguishers



Morgan Fire Protection is registered under BAFE (British Approvals for Fire Equipment) to install, inspect and maintain portable fire extinguishers. and technicians are qualified and CSCS registered.

**Minimum
12 month
guarantee**

All makes of extinguisher can be serviced to BS5306 and to manufacturers' specifications. After an extinguisher has been used, even if only partially, it must be recharged or replaced and all extinguishers should be fully serviced annually. Fire blankets can be inspected at the same time.

Fire Extinguisher Product Guide

Water Fire Extinguishers



Water is one of the most useful fire extinguishers for Class A fires (freely burning materials such as paper, cloth and wood).



- squeeze grip operation
- controlled discharge
- steel body, painted red or chrome
- corrosion resistant finish
- internal polythene lining
- protective plastic base
- kitemarked to BS EN3
- complete with wall bracket
- Marine Safety Agency approval

WATER FIRE EXTINGUISHERS: CLASS A RISKS

WS3	WATER 3LTR STORED PRESSURE
WS3CH	WATER 3LTR CHROME FINISH
WS6	WATER 6LTR STORED PRESSURE
WS6CH	WATER 6LTR CHROME FINISH
WS9	WATER 9LTR STORED PRESSURE
WS9CH	WATER 9LTR CHROME FINISH

WATER MIST EXTINGUISHER: CLASS A/B/F & ELECTRICAL

WM6	6 LTR WATER MIST
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Foam Fire Extinguishers

Spray foam extinguishers provide a fast, powerful means of tackling Class A and Class B fire (petrol and volatile liquids). The foam forms a flame smothering seal over the surface preventing re-ignition. Ideal for multi-risk usage.



- spray nozzle
- squeeze grip operation
- controlled discharge
- gauge
- steel body, painted red or chrome
- corrosion resistant finish
- internal polythene lining
- protective plastic base
- kitemarked to BS EN3
- 6ltr & 9ltr foam spray have passed the 35kV conductivity of discharge test.
- complete with wall bracket

- Marine Safety Agency approval

FOAM FIRE EXTINGUISHERS: CLASS A/B RISKS

F2 5A	AFFF FOAM 2LTR - 5A rating
F2 13A	AFFF FOAM 2LTR - 13A rating
F3	AFFF FOAM 3LTR
F3CH	AFFF FOAM 3LTR CHROME FINISH
F6	AFFF FOAM 6LTR
F9	AFFF FOAM 9LTR
F6CH	AFFF FOAM 6LTR CHROME FINISH
F50EXT	50 LITRE FOAM
F100EXT	100 LITRE FOAM

Dry Powder Fire Extinguishers



Dry powder is a highly versatile Class A, B and C fire fighting medium for most fire risks. In addition to dealing with electrical hazards, flammable liquids and gases, this range of powder extinguishers are also effective on vehicle fires.

- Multi purpose application
- brass squeeze grip valve
- controlled discharge
- steel body, painted red or chrome
- corrosion resistant finish
- protective plastic base
- kitemarked to BS EN3
- complete with wall bracket
- Marine Safety Agency approval



DRY POWDER FIRE EXTINGUISHERS: CLASS A/B/C RISKS

D1	DRY POWDER 1KG
D2	DRY POWDER 2KG
D4	DRY POWDER 4KG
D6	DRY POWDER 6KG
D9	DRY POWDER 9KG

Carbon Dioxide Fire Extinguishers



Our CO2 extinguishers have non-conductive anti-static horns and are suitable for fire involving B Class flammable liquids and electrical hazards. CO2 is harmless to delicate equipment. Ideal for modern office environments, all electronic risks, and where oils, spirits, solvents and waxes are in use.

- squeeze grip operation
- controlled discharge
- steel body, painted red or chrome
- corrosion resistant finish
- harmless to machinery
- kitemarked to BS EN3
- complete with wall bracket
- Marine Safety Agency approval



CO2 FIRE EXTINGUISHERS: CLASS B/ELECTRICAL RISKS

C2	CARBON DIOXIDE 2KG
C5	CARBON DIOXIDE 5KG
C2CH	CARBON DIOXIDE 2KG CHROME FINISH

Wet Chemical Fire Extinguishers



Ideal for mass catering outlets and food production factories where flammable cooking oil and fats can flare up in an instant.

- External neck thread
- Easy operation with no lance
- BSI Kitemarked
- BAFE approved
- CE Marked
- ISO 9001:2000 Manufacturer
- European Manufactured
- 35Kv Conductivity Test
- Stored Press



WET CHEMICAL FIRE EXTINGUISHERS: CLASS F RISKS

WC2	2 LTR WET CHEMICAL
WC3	3 LTR WET CHEMICAL
WC6	6 LTR WET CHEMICAL
WC2CH	2 LTR WET CHEMICAL CHROME FINISH
WC6CH	6 LTR WET CHEMICAL CHROME FINISH

Storage & delivery of your fire extinguishers

Morgan Fire offers **flexibility** and can work to short lead times or offer extensions. **No charge for storage** of fire extinguishers, stands etc. We only charge for delivery and collection from site and refilling and servicing of the equipment. You will consistently have **in date fire equipment** on site, fire equipment is **recycled** to the next project, only needing to replace extinguishers when they become condemned.

Morgan Fire has operated this system with a number of major construction companies for some years. References can be provided on request.



Supply & service of fire extinguishers Extinguishers supplied will conform to British Standards and come with a minimum 12 month manufacturer's guarantee. Fire extinguishers should be serviced by a 'competent person', minimum of once a year. We ask for duration of project at commencement. If it is 11 months only, the initial service will be required. If, however, the project runs for 14 months we will schedule a second visit for 12 months following initial installation.

Extinguisher covers, stands, mobile callpoints, fire blankets



Mobile callpoints

Double signboard SBOARDD
Double red tubular trolley TROD
Standalone Evacuation Alarm Wireless
SAFAW



Extinguisher covers

Low-cost fire extinguisher protection, manufactured in a durable plastic-based textile.



Fire blankets

Three sizes of fire blanket to meet current standards.



Red Moulded Stands FESS (sgl) FESD (dbl)



Red Tubular Stands FESSTR (sgl) FESDTR (dbl)



Chrome Tubular Stands FESSC (sgl) FESDC (dbl)

We will source the best value product for your requirements from our supplier base, therefore the item you receive may differ slightly from the image/description provided while still meeting or exceeding the relevant fire safety regulations.

Health & safety signage

Morgan Fire Protection can assist you in providing clear signs and notices to meet the requirements of the Regulatory Reform (Fire Safety) Order 2005 and BS5499, BS EN ISOs 7010 and 16069 relating to the design, manufacture, selection and installation of signage.
Please find below current sign product list. Discounts offered to the building trade.

DESCRIPTION	MFP Code	MFP Code
FIRE EXIT SIGNS - Standard		
FIRE EXIT 120 X 340 ← LEFT	430T	430METAL
FIRE EXIT 120 X 340 → RIGHT	435T	435METAL
FIRE EXIT 120 X 340 ↑ UP	436T	436METAL
FIRE EXIT 120 X 340 ↓ DOWN	437T	437METAL
FIRE EXIT 120 X 340 ↘ DIAG LEFT UP	434T	
FIRE EXIT 120 X 340 ↗ DIAG RIGHT UP	438T	
FIRE EXIT 120 X 340 ↙ DIAG LEFT DOWN	433T	
FIRE EXIT 120 X 340 ↘ DIAG RIGHT DOWN	439T	
FIRE EXIT SIGNS - Large		
FIRE EXIT 150 X 400 ← LEFT	430K	FSMETAL150X400
FIRE EXIT 150 X 400 → RIGHT	435K	FSMETAL150X400
FIRE EXIT 150 X 400 ↑ UP	436K	FSMETAL150X400
FIRE EXIT 150 X 400 ↓ DOWN	437K	FSMETAL150X400
FIRE EXIT 150 X 400 ↘ DIAG LEFT UP	434K	FSMETAL150X400
FIRE EXIT 150 X 400 ↗ DIAG RIGHT UP	438K	FSMETAL150X400
FIRE EXIT 150 X 400 ↙ DIAG LEFT DOWN	433K	FSMETAL150X400
FIRE EXIT 150 X 400 ↘ DIAG RIGHT DOWN	439K	FSMETAL150X400
FIRE EXTINGUISHER ID SIGNS - Portrait		
FIRE EXT ID 200 X 80 WATER	6362M	ME6362METAL
FIRE EXT ID 200 X 80 CO2	6265M	ME6365METAL
FIRE EXT ID 200 X 80 FOAM SPRAY	6361M	ME6361METAL
FIRE EXT ID 200 X 80 POWDER	6360M	ME6360METAL
FIRE EXT ID 200 X 80 WET CHEM	6267M	ME6267METAL
FIRE BLANKET ID 200 X 80	6366M	ME6366METAL
FIRE EXTINGUISHER ID SIGNS - Landscape		
FIRE EXT ID 105 X 150 WATER	6374ID	ME6362METAL
FIRE EXT ID 105 X 150 CO2	6372ID	ME6365METAL
FIRE EXT ID 105 X 150 FOAM SPRAY	6373ID	ME6361METAL
FIRE EXT ID 105 X 150 POWDER	6370ID	ME6360METAL
FIRE EXT ID 105 X 150 WET CHEM	6407ID	ME6267METAL
FIRE BLANKET ID 105 X 150	6376ID	ME6366METAL
FIRE ACTION NOTICES		
FIRE ACTION STANDARD 200 X 150	5537D	5537METAL
FIRE ACTION BREAK GLASS 200 X 150	5425D	
FIRE ACTION STAFF 200 X 150	5479D	

DESCRIPTION	MFP Code
FIRE SAFETY INSTRUCTION/FIRE ACTION - Standard	
FIRE DOOR KEEP SHUT 100 X 100	5421METAL
FIRE DOOR KEEP LOCK SHUT 100 X 100	5140METAL
AUTO FIRE DOOR KEEP CLEAR 100 X 100	
DO NOT USE LIFT 150 X 150	FSMETALLIFT
FIRE EXIT KEEP CLEAR 150 X 150	
FIRE ESCAPE KEEP CLEAR 100 X 100	
FIRE SAFETY INSTRUCTION/FIRE ACTION - Large	
FIRE ESCAPE KEEP CLEAR 200 X 200	
ASSEMBLY POINT 300 X 300	
SAFE AREA 200 X 150	
PROHIBITION SIGNS	
NO SMOKING 100 X 100	
NO SMOKING ON PREMISES 210 X 150	
FIRE FIGHTING EQUIPMENT SIGNS	
FIRE EXTINGUISHER 200 X 150	
FIRE HOSE 200 X 150	
CALL POINT 100 X 100	6421METAL
FIRE ALARM CONTROL PANEL 100 X 300	
DRY RISER 200 X 200	
HAZARD WARNING SIGNS	
ELECTRICAL HAZARD 200 X 150	
HIGH VOLTAGE 200 X 150	
FLAMMABLE MATERIAL 200 X 150	
EMERGENCY ESCAPE SIGNS	
TURN TO OPEN (RIGHT) 100 X 100	
TURN TO OPEN (LEFT) 100 X 100	
PUSH PAD TO OPEN 100 X 100	
PUSH BAR TO OPEN 100 X 300 Standard	
PUSH BAR TO OPEN 150 X 400 Large	
LABOUR	
SIGN FIXING	
ZHOOKS/CLIPS	

Fire exit signs, ID signs, Action notices, prohibition signs etc.

Sign fixing or supply only. Landscape & portrait signs.



Contractor stand & trolley product guide

Construction, Design & Management (CDM)

The Construction (Design and Management) Regulations (CDM Regulations) are intended to ensure that health and safety issues are properly considered during a project's development so that the risk of harm to those who have to build, use and maintain structures is reduced.

They were introduced in 1994 following publication of European Directive 92/57/EEC on minimum safety and health standards for temporary or mobile construction sites. The CDM Regulations were revised in 2007, and the latest revision came into force on 6 April 2015.

The latest revision resulted from:

1. The perception that the regulations had been over-interpreted.
2. A belief that the coordination function in the pre-construction phase was often a bureaucratic add-on that was not always embedded in the project, resulting in additional costs with little additional value.
3. The persistence of unacceptable standards, particularly on smaller sites.

The regulations therefore made the following changes:

1. Structural simplification of the regulations to make them easier to understand.
2. The replacement of the Approved Code of Practice (ACOP) with more targeted guidance.
3. Replacement of the role of CDM coordinator with a new role of 'principal designer'.
4. Splitting competence assessment into its component parts of skills, knowledge, training and experience, and, if it relates to an organisation, organisational capability.
5. Removing the exemption for domestic clients, but passing their CDM duties to the contractor.
6. Changing the threshold for appointment of coordinators (principal contractors and principal designers), to require coordinators where there is more than one contractor.

The Health and Safety Executive (HSE) suggest that this will capture close to an additional 1 million projects a year, but that the requirements will be proportionate and little more work will be necessary. Some concern has been expressed about what constitutes more than one contractor, and how it is possible to know how many contractors may be needed.

These changes separate the threshold for coordination from that of notifying the HSE about the works. The HSE must be notified where the construction work is likely to last longer than 30 working days and have more than 20 workers working simultaneously at any point, or exceed 500 person days.

In terms of the organisation of projects, the most significant of these changes is the replacement of the role of CDM coordinator with a new role of 'principal designer' (PD). The reason for the change is to give responsibility for CDM during the design phase to an individual that has the ability to influence the design. The role of principal designer is analogous to that of the principal contractor during the construction phase and includes:

- Planning, managing and monitoring the pre-construction phase.
- Ensuring risks are eliminated or controlled through design work.
- Passing information on to the principal contractor.
- Ensuring cooperation and coordination.
- Ensuring designers comply with their duties.
- Assisting the client in preparing pre-construction information.
- Preparing the health and safety file.
- This change required the amendment of appointment documents and contracts.

Other duty holders under the regulations are:

Clients. (see CDM 2015 client duties)

Designers. (see CDM 2015 designer duties)

Principal contractors. (see CDM 2015 principal contractor duties)

Contractors. (see CDM 2015 contractor duties)

Workers. (see CDM 2015 worker duties)

CDM stands can be personalised with your company branding.

Contractor Stand (Triple) - Blue (Information Point), Green (First Aid) and Red (Fire) base station

Order Code TCDMRBG

Price on request

Includes: Blue, Red and Green back boards with clip frames.
First aid kit and eyewash centre.

Can be branded with your company logo & details.

Additional items available from Morgan Fire

- Standalone alarm
- Extinguishers (up to 3 appliances)
-

This item can be branded with your company logo & details.

(Standby/Rainbow)



Contractor stand & trolley product guide cont'd



Contractor Stand - Type 1

Order Code CONSTAND/1

With wheels for manoeuvrability

Additional items available from Morgan Fire

- Standalone alarm
- Extinguishers (up to 3 appliances)

(Standby)



Trolley Double

Order Code TROD

With wheels for manoeuvrability

Additional items available from Morgan Fire

- Double signboard (see above)
- Standalone alarm
- Extinguishers (up to 2 appliances)

(Standby)



Contractor Stand - Type 2

Order Code CONSTAND/2

With wheels for manoeuvrability

Additional items available from Morgan Fire

- Standalone alarm
- Extinguishers (up to 3 appliances)

(Jewel)



Trolley Double Compact

Order Code TRODC

With wheels for manoeuvrability

Additional items available from Morgan Fire

- Double signboard (see above right)
- Rotary hand bell
- Extinguishers (up to 2 appliances)



Contractor Stand - Type 3

Red (Fire) base station

Order Code CONSTAND/3

Includes: Red back board with clip frame.
With wheels for manoeuvrability

Additional items available from Morgan Fire

- Standalone alarm
- Extinguishers (up to 3 appliances)

(Standby/Rainbow)



ADDITIONAL ITEMS

Double Signboard

Order Code SBOARD RED



Triple Signboard

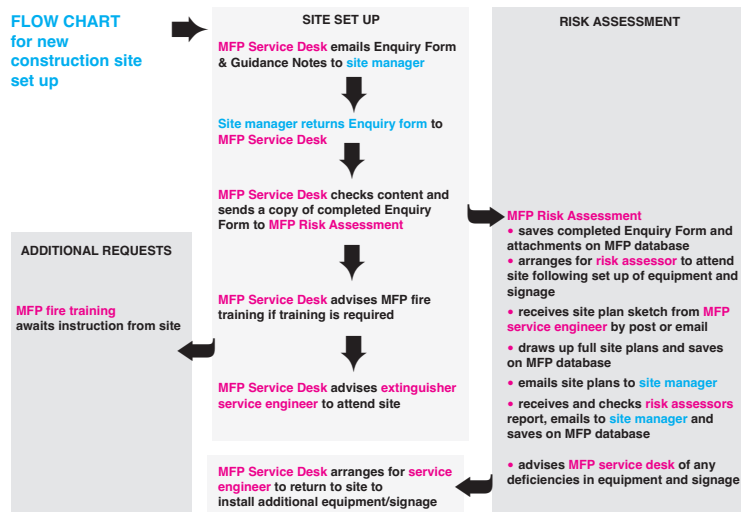
Order Code SBOARD TR RED

(Jalite)

Portable fire extinguishers Price list available on request

Fire risk assessment, site set up and fire plans

FLOW CHART for new construction site set up



The Regulatory Reform (Fire Safety) Order 2005 places a duty on the 'responsible person' to carry out a fire risk assessment of their premises. In the workplace this is the employer or any other person who may have control of any part of the premises, eg the occupier or owner.

We can supply you with a Contractor Site Set Up form (example overleaf) in advance of your Fire Risk Assessment. Once the survey is complete you will receive an easy to understand document, free of jargon. You will also receive information regarding reviewing your assessment, staff training, your emergency fire plan and fire protection record sheets.

We strongly recommend that you arrange for installation of your fire extinguishers and alarms etc. (as applicable) prior to booking a fire risk assessment.

Set up forms & fire plans cont'd



Morgan Fire can create fire plans for each site or level, please see the example shown above.

Our administrative staff will provide your site manager with a Contractor Site Set Up Form to gather the site's requirements. Once these are known a service technician will attend site with the equipment and install in the correct locations.

Should the contract for the site run over 12 months we can schedule an automatic visit to come out 12 months after the installation date.

When site closure approaching, please contact Morgan Fire and we will arrange for the site to be demobilized and equipment removed and put into sites stock in our stores depot which can then be used for other site set ups.

Subsequent to this we can provide escape plans, fire risk assessments and fire marshal training (see fire training section)

A monthly stock report can be supplied showing your stock holding and a label is affixed to the equipment to denote your ownership.

Contractor Site Set Up Form

Please click on boxes to indicate your reply

Initial Contact Name:	Landline:
Contact Telephone Numbers:	Mobile:
Enquiry Source:	(MFP to enter)
Date:	
Customer Contract Number:	
Contract Name:	
Site Address:	
	Postcode:
Site Manager's Name(s) and Telephone Numbers (if different from above):	
Email address:	
Initial Site Information	1. New <input type="checkbox"/> Existing <input type="checkbox"/> Additional <input type="checkbox"/> Number <input type="checkbox"/> 2. Set up date <input type="text"/> Planned finish date <input type="text"/> Enter current known dates. 3. Estimated length/duration on site: Less than 13 weeks (transient) <input type="checkbox"/> Over 52 weeks (fire extinguisher/annual service required) <input type="checkbox"/> 4. Size of site (sq/m or sq/ft) Actual <input type="checkbox"/> Or Estimate <input type="checkbox"/> 5. Will this site be working 24 hours a day? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, emergency lighting may be required 6a. Do you have a site plan/cabin layout plan? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, please provide a copy Is this in digital format? <input type="checkbox"/> 6b. Do you have fire plans? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, please provide a copy Is this in digital format? <input type="checkbox"/> 7. Is orange PPE required for this site? Yes <input type="checkbox"/> No <input type="checkbox"/> Is a flashing beacon required? Yes <input type="checkbox"/> Not <input type="checkbox"/> 8. Are reversing sensors required? Yes <input type="checkbox"/> Not <input type="checkbox"/>
Fire Log Book	8. Does the site have a Fire Log Book? Yes <input type="checkbox"/> No <input type="checkbox"/> The Fire Log Book must be filled in with name of servicing company and location of extinguishers. Any calls or visits, fire alarm or extinguishers, must be recorded in the log book. If log book has not been signed, the receipt should be put on certificate.
Fire Points	9. Are there existing Fire Points* on site? Yes <input type="checkbox"/> No <input type="checkbox"/> *Please refer to Guidance Doc, page 1 10. If yes how many fire points and how many extinguishers will need servicing? No of fire points <input type="text"/> No. of extinguishers that require servicing <input type="text"/>
Portacabins	11. Is this site portacabins only? Yes <input type="checkbox"/> No <input type="checkbox"/> Please provide any other details here: _____ 12. How many cabins are (or will be) on site? Double Stacked <input type="checkbox"/> Single <input type="checkbox"/> Interlinked <input type="checkbox"/> No of banks <input type="text"/> 13. How many cabins will be covered by the risk assessment Date of installation of cabins: <input type="text"/> Date of occupation of cabins: <input type="text"/>

Kitchens/ Canteen	14. Is there a full working kitchen on site? Yes <input type="checkbox"/> No <input type="checkbox"/> 15. Will there be kitchen with deep fat fryer on site? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes how many? <input type="text"/>
Assembly/Muster point	17. Does this site have an assigned Assembly/Muster point? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, then please mark on your plan if you have one
Flammable liquid store/tanks	18. Does this site have a flammable liquid store/tank? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, then what quantity of flammable liquids will be stored <input type="text"/>
Fuel Tanks	19. Is there a fuel tank on site? Yes <input type="checkbox"/> No <input type="checkbox"/>
Permanent building	20. If a permanent building please advise: How many storeys <input type="text"/> How many rooms on each level <input type="text"/>
Power	21. Is the site mains electrical fed or run by generator? Mains Fed <input type="checkbox"/> Generator <input type="checkbox"/>
Parking	22. Is there any parking restrictions? Yes <input type="checkbox"/> No <input type="checkbox"/>
Any Other Important Information:	(Please provide any other details relevant to this service request which is not covered above).
Servicing	Do you require any other service intervals other than annual visit and call outs? Yes <input type="checkbox"/> No <input type="checkbox"/> Please tick what services you require: Extinguisher <input type="checkbox"/> Fire Alarm (6 monthly) <input type="checkbox"/> (annual)
Fire Training	Will you require fire training? Yes <input type="checkbox"/> No <input type="checkbox"/> Last training date: <input type="text"/> Does this site have trained fire marshals available? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, how many: Please provide names:
Fire Risk Assessment	Type of Fire Risk Assessment required: Site(cabins) <input type="checkbox"/> Offices <input type="checkbox"/> Depot <input type="checkbox"/> Transient <input type="checkbox"/>
** Purchase Order Number	

Signed:	
Print Name:	
Date:	

PLEASE NOTE: It is important that ALL details are provided accurately at first contact.

Wireless evacuation systems

Wireless evacuation systems that can incorporate fire alarm panels, strobes, callpoints, heat detectors and first aid callpoints.

Example specification with manual call-point, sounder, beacon and low battery monitoring:

Application: Evacuation alarm

Frequency band: 868 Mhz

Maximum range: 100 m

Number of alarms in the network: 100

Autonomy: 1 year standby mode + 1hr alarm sounding

Tone: English

Weight: 700g

Dimensions: W180 x H275 x D55mm

Power supply – 2 alkaline batteries, 1.5V, LR14

Repeater included

Flashing light included

COMMISSIONING/TESTING: Activate one of the manual callpoints of the network: the sound signal is then broadcast, the light in the transparent window flashes and the red <ALARM> LED is on. Make sure that the sounders are operating. Repeat for each test. To cut off the audible fire warning, reset the manual callpoint unit with the resetting key supplied. If the unit is not reset, the sound and the flashing light will switch off after 5 minutes. Only the red alarm indicator stays on.

MODIFICATION OF EXISTING INSTALLATION: Important: when you add or remove an alarm unit, a manual activation for 5 minutes shall be required. The addressing is configured automatically and requires no setting.

MAINTENANCE: Batteries should be replaced annually or as soon as the battery fault light goes on. Test operation each time the batteries are changed.



Portable appliance testing (PAT)



The combination of the The Health & Safety at Work Act 1974, The Provision and Use of Work Equipment Regulations (PUWER) 1998 and The Electricity at Work Regulations 1989 places responsibility on the employer to ensure that all types of electrical

equipment in work situations are inspected and tested. The scope extends from distribution systems down to the smallest piece of electrical equipment.

There are no set statutory periods for formal visual inspection and test. The maintenance regime should be appropriate to the environment and duty for which the equipment is used. For example, electrical testing in a low-risk area such as an office would be less frequent than in a harsh industrial environment. Morgan Fire Protection can give you guidance on appropriate inspection intervals for your business.

All work is carried out in accordance with the IEE code of Practice for 'In-service inspection and Testing of Electrical Equipment' to assist you in meeting your legal requirements.

In this context, portable appliances are pieces of electrical equipment which have a lead requiring it to be plugged into an electric mains socket, eg:

- IT equipment computer, printer
- kitchen appliances toaster, fridge, kettle
- office appliances photocopier, fax machine

- desktop equipment fan, lamp
- In addition, fixed equipment connected to the ring main via a spur, eg; air conditioning units, heated towel rails, water heaters and wall-mounted convector heaters

How Is Testing Carried Out?

As recommended by the Health & Safety Executive, specially trained Morgan Fire engineers carry out formal visual inspection and/or testing. The majority of portable appliances are required to be checked annually. The most important monitoring of portable appliances is through a regular formal visual inspection. This may include examining plugs, fuses, cable terminations etc.

Testing is required as faults may arise in electrical equipment that are not readily apparent, eg internal damage may result from misuse or internal electrical connections may deteriorate over time.

The user of the equipment should also be encouraged to check the condition of the equipment prior to use. It is relatively easy for employees to spot signs of damage, overheating and misuse.



Construction personnel fire training

The Regulatory Reform Order (Fire Safety) 2005 and the associated Health & Safety legislation place an obligation on employers to ensure that their staff receive adequate fire safety training at the time when they are first employed and on there being increased or changed risks. The level and frequency of staff fire training is determined by the type, use and risk presented. Morgan Fire Protection can advise you on the most suitable training programme for your employees.

Course Content

All courses are delivered by Morgan Fire training staff who are fully qualified fire engineers. Training can be exclusively in-house or shared with other employers at an appropriate venue. All courses aim to ensure that employees feel confident in their role in a fire emergency. A certificate of attendance will be issued on completion.

Fire Extinguisher Users Training (2 or 2.5 hours with practical*)

Delegates will be able to understand compliance with the Regulatory Reform Order, identify potential fire risks, know which extinguisher is appropriate for which type of fire, use portable extinguishers safely and understand compliance with British Standard EN3 regarding the use of fire extinguishers.

Fire Awareness/Safety Training 3 hours with practical*) In addition to the objectives of Fire Extinguisher training above, delegates will be able to identify factors that can prevent fire in the workplace, have an

understanding of fire detection and alarm systems, understand fire signage and evacuation procedures.

Fire Marshal & Warden Training (3.5 hours with practical*) In addition to all the above, this course is designed for all levels of staff who have responsibility of fire marshal/warden duties, and who may also be required to operate fire extinguishers safely.

* During the practical session, delegates will have the opportunity of putting out a 'live fire' using the fire simulator and water, foam, carbon dioxide extinguishers and fire blanket. An outside area of 3m x 3m is essential and space to park our vehicle closeby. Times are approximate.



Dry riser visual & pressure tests, hydrant testing

Dry Risers are a vital piece of fire protection equipment for buildings above 18 metres. They play a critical role in delivering considerable quantities of water in a high rise building. They can however be prone to serious neglect and vandalism so it is important to have them regularly maintained and serviced. Morgan Fire Protection engineers will carry out a full annual pressure test and six monthly visual check to the current British Standard Code of Practice BS9990:2015 using our own dry riser testing appliance.

Annual Wet Test Dry and wet risers are checked and pressure tested to 150 PSF or 10 bar for a minimum of 15 minutes. All insets and outlets are checked for leaks and any missing or faulty items replaced. Flow testing is also carried out. If any valves have to be replaced a further pressure test will be carried out before certification is issued.

Six Monthly Visual Test This test involves a visual inspection only as required by BS9990:2015 and any missing or damaged items are replaced.

Private Hydrant Test For large premises with hydrants on sites, Morgan Fire Protection will test flow meter rates and carry out a visual inspection of the location, H plate, cover and frost valve. BS9990:2015 clause 7 requires checking of pits, frames, covers and surface paving round edges of frames.



This leaflet is intended as a general guide to the products and services provided to the construction industry.

Morgan Fire Protection Ltd
February 2019