

## Fire Protection for the Construction Industry

Supply, delivery & storage of  
your fire extinguishers - page 1



Extinguisher covers, stands,  
trolleys - page 2 & 3



Construction, Design &  
Management (CDM) - page 3



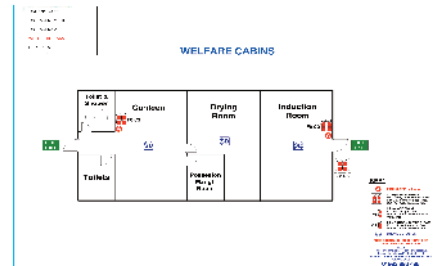
Fire safety signage - page 2



Fire risk assessment  
pages 4 & 5



Set up forms & fire plans  
pages 4 & 5



Dry riser visual & wet test,  
private hydrant test - page 7



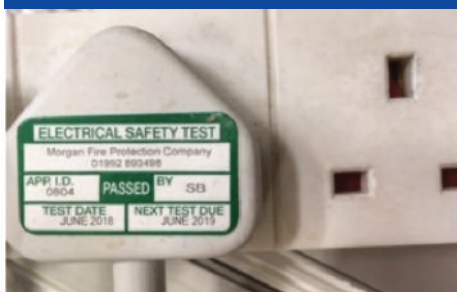
Evacuation systems  
page 4



Construction personnel  
fire training - page 7



Portable Appliance Testing  
(PAT) - page 6



Head Office  
Unit 14-16 Hillgrove Business Park  
Nazeing Road | Nazeing | Waltham Abbey | Essex EN9 2HB  
Telephone 01992 893498  
Email [servicedesk@morganfire.co.uk](mailto:servicedesk@morganfire.co.uk)  
[www.morganfire.co.uk](http://www.morganfire.co.uk)

# 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.

Service technicians are qualified and carry CSCS cards. They wear Morgan Fire branded workwear and drive company vans.

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.

## Supply & service

**Minimum 12 month guarantee**

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.

## 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

### 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
-----	------------------

## Fire Extinguisher Product Guide

### Carbon Dioxide Fire Extinguishers



Non-conductive anti-static horn CO2 extinguishers are suitable for fires involving B Class flammable liquids and electrical hazards. CO2 is harmless to delicate equipment, suitable for 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



### CO2 FIRE EXTINGUISHERS: CLASS B/ELECTRICAL RISKS

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

### 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



### 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

### 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, red or chrome
- corrosion resistant finish
- internal polythene lining
- protective plastic base
- kitemarked to BS EN3
- 6ltr & 9ltr foam strays have passed the 35kV conductivity of discharge test.

### 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

### 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

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.





## Extinguisher covers, stands, mobile callpoints, fire blankets



### 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.

### Mobile callpoints

Double signboard SBOARD

Double red tubular trolley TROD

Standalone Evacuation Alarm Wireless

SAFAW

Eye-catching design with full length vision panel. Velcro straps for simple fitting.

Fire extinguisher cover FEC

FIRE BLANKETS	
FB4	FIRE BLANKET 1.2 x 1.2m
FB6	FIRE BLANKET 1.2 x 1.8m
FB8	FIRE BLANKET 1.8 x 1.8m



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 and Fire 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.

Morgan Fire offers supply and fix, or supply only for signage. Discounts are offered to the building trade.

Please see alongside a selection of our current sign product list, including fire exit signs, ID signs, fire action notices and prohibition signs. Landscape or portrait signs are available.

Red fire safety signage products are shown, metal and metal effect signs are available on request.

Fire & Safety Signage	
4128	ASSEMBLY POINT
Fire exit arrow	FIRE EXIT ARROW - BOTH SIZES PHOTOLUM FIRE EXIT DOUBLE SIDED SIGNS
Fire action notice	
5537D	FIRE ACTION NOTICE 200 X 300 PHOTOLUM
Fire fighting & equipment signs	
FSID	FIRE EXTINGUISHER ID SIGNS
FESMISSING	FIRE EXTINGUISHER MISSING SIGNS
6421A	FIRE ALARM CALL POINT 200 X 150 PHOTOLUM
6459D	FIRE POINT 200 X 150 (300 X 100 £5.00)
6591E	DRY RISER 200 X 200
	FIRST AIDER SIGN
	EMERGENCY EQUIPMENT SIGN
Keep clear/shut	
5190E	FIRE ESCAPE KEEP CLEAR 200 X 200 PHOTOLUM
5257 LG	FIRE EXIT KEEP CLEAR 200 X 200
5257CR C	FIRE EXIT KEEP CLEAR 150 X 150
5421A	FIRE DOOR KEEP SHUT 100 X 100 PHOTOLUM
Push bar to open	
4304K	PUSH BAR TO OPEN 150 X 400 PHOTOLUM
4304PT	PUSH BAR TO OPEN 100 X 300 PHOTOLUM
Hazard warning signs	
7026D	ELECTRICAL HAZARD 200 X 150 PHOTOLUM
7027D	HIGHLY FLAMMABLE PHOTOLUM
	OXYGEN CYLINDER SIGN 120 X 340
	FLAMMABLE LIQUID SIGN 400 X 300
Prohibition signs	
W9030S D	NO SMOKING ON PREMISES 210 X 150
	NO SMOKING, NO NAKED LIGHTS PHOTOLUM
	NO EXIT SIGN
	PLANT ROOM/BOILER ROOM
	PANORAMIC CALL POINT SIGN
	NO SMOKING SIGN 450 X 300
	EMERGENCY EXIT SIGN 300 X 100
	NO NAKED LIGHTS 300 X 300
Fixtures & fittings per sign	

# Contractor stand & trolley product guide

## Construction, Design & Management (CDM)

As part of the Construction (Design and Management) Regulations 2015, the duties listed below apply to all construction sites, regardless of size, nature or duration.

Morgan Fire Protection Ltd can provide equipment to assist contractors in meeting this requirement. CDM stands can be personalised with your company branding.

**Regulation 17 (Safe places of work):** Every place of work must be safe to access, egress and to work at. Unauthorised access must be prevented and sufficient working space must be provided.

**Regulation 18 (Good order and site security):** Sites must be tidy, secure (to prevent unauthorised access) have its perimeter identified by suitable signage and have no projecting objects.

**Regulation 29 (Prevention of risk from fire, flooding and so on):** Steps must be taken to avoid risk of fire, explosion, flooding and asphyxiation from any substance.

**Regulation 30 (Emergency Procedures):** A plan must be in place for the safe evacuation of all people on site in situations where there is a foreseeable risk of an emergency. Everyone on site must be made aware of the emergency plan and it must be practised at suitable intervals.

**Regulation 31 (Emergency routes & exits):** Adequate means of evacuation (emergency escape routes) to a safe place must be established. Routes must be kept clear of obstruction and be adequately signed.

**Regulation 32 (Fire detection and fire fighting):** Suitable fire-fighting equipment, fire detection equipment and alarms must be provided, examined and tested at suitable intervals and suitably located. Manual fire-fighting equipment (such as hand-held extinguishers), must be easy to access and indicated by required signage. An appropriate number of on-site staff must be trained in the use of fire-fighting equipment. (Please refer to Fire Training section, page 7 in this guide)

Further guidance: [www.hse.gov.uk/construction/cdm](http://www.hse.gov.uk/construction/cdm)

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

Order Code TCDMRBG

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



Additional items on request:

- Standalone alarm
- Extinguishers (up to 3 appliances)

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

(Standby/Rainbow)

## Contractor Stands & Trolleys - all items can be supplied with standalone alarms, up to 3 fire extinguishers & signboards



**Type 1 Contractor Stand**  
Order Code CONSTAND/1

With wheels for manoeuvrability

(Standby)



**Type 2 Contractor Stand**  
Order Code CONSTAND/2

With wheels for manoeuvrability

(Jewel)



**Type 3 Contractor Stand Red (Fire) base station**  
Order Code CONSTAND/3

With red back board, clip frame, and wheels for manoeuvrability

(Standby/Rainbow)



**Trolley Double**  
Order Code TROD

With wheels for manoeuvrability

Suitable for up to 2 extinguishers, standalone alarm and double signboard

(Standby)



**Trolley Double Compact**  
Order Code TRODC

With wheels for manoeuvrability

Suitable for up to 2 extinguishers, rotary hand bell and double signboard



**Double Signboard**  
Order Code SBOARDD RED



**Triple Signboard**  
Order Code SBOARDD TR RED

(Jalite)

Portable fire extinguishers, alarms and signboards Please order these items separately.

## Evacuation systems - wireless and wired

Morgan Fire supplies a range of wireless evacuation systems to suit a variety of requirements and budgets.

We work with a core number of suppliers to provide customers the quality and reliable products, this currently includes Cordia, WES, Commander and Evacuator. Our buyers keep up-to-date with industry developments and can offer information and advice.

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

### Premium Range

Example product features:



Base Station

Call Point

These alarms offer high performance have been developed specifically for the construction industry. They are fully approved and externally certified to BS5839.

Protecting your site with a premium wireless evacuation system provides a clear message to the public, insurance industry and workers that you are serious about providing the maximum possible level of protection. As well as providing a practical solution, with an unlimited number of units per site, these systems are fully supported with a dedicated supplier helpline.

### Mid range

Example product features:

These alarms offer manual call-point, sounder, beacon and low battery monitoring.

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 required.



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

### Budget Range

Example product features:

These alarms offer a simple solution, eg. push button alarm. Wireless interlinkable and standalone battery models available.



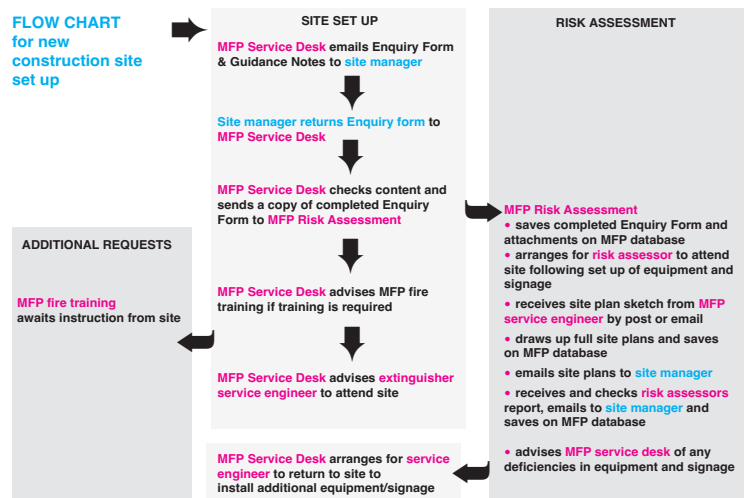
## Fire risk assessment, site set up and fire plans

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.

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

The Flow Chart alongside provides a useful guide to new construction site set up. It contains established and tested procedures which are regularly reviewed and can be tailored to your specific requirements.





## Fire risk assessment, set up forms & fire plans cont'd

The Fire Risk Assessment will be carried out by an experienced risk assessor who will be aware of the specific risks encountered on construction sites.

This may include but is not limited to:

- Specific sources of heat and high risks
- Hot working permits and permit to work
- Safe use and storage of cylinders, flammable liquids and highly flammable liquids (HFL), Dangerous Substances & Explosive Atmosphere Regulations, (DSEAR)
- Issues relating to temporary buildings and transient sites
- Low voltage equipment, temporary cables and wiring
- Refilling plant and maintaining safe areas.

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.

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

Our administrative staff will provide your site manager with a Contractor Site Set Up Form (example below) 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 12 months after the installation date.

When site closure is approaching, please contact Morgan Fire and we will arrange for the site to be demobilized and equipment removed and put into the site's 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 (please see Fire Training section, page 7)

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 template

Please click on boxes to indicate your reply	
Initial Contact Name:	
Contact Telephone Numbers:	Landline: _____ 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	<div>1. New <input type="checkbox"/> Existing <input type="checkbox"/> Additional <input type="checkbox"/> Number <input type="checkbox"/></div> <div>2. Set up date _____ Planned finish date _____ Enter current known dates.</div> <div>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"/></div> <div>4. Size of site (sq/m or sq/ft) Actual <input type="checkbox"/> Or Estimate <input type="checkbox"/></div> <div>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</div> <div>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"/></div> <div>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"/></div> <div>7. Is orange PPE required for this site? Yes <input type="checkbox"/> No <input type="checkbox"/></div> <div>Is a flashing beacon required? Yes <input type="checkbox"/> No <input type="checkbox"/></div> <div>8. Are reversing sensors required? Yes <input type="checkbox"/> No <input type="checkbox"/></div>
Fire Log Book	8. Does the site have a Fire Log Book? Yes <input type="checkbox"/> No <input type="checkbox"/> <small>The Fire Log Book must be filled in with name of service company and location of extinguishers. Any cabouts or debts, fire alarm or extinguishers, must be recorded in the log book. If log book has not been signed, the record should be put on certificate.</small>
Fire Points	9. Are there existing Fire Points* on site? Yes <input type="checkbox"/> No <input type="checkbox"/> <small>*Please refer to Guidelines Doc, page 1</small>
Portacabins	10. If yes how many fire points and how many extinguishers will need servicing? No of fire points _____ No. of extinguishers that require servicing _____
	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 _____ Single _____ Interlinked _____ No of banks _____
	13. How many cabins will be covered by the risk assessment _____ Date of installation of cabins: _____ Date of occupation of cabins: _____

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?
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 _____
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 _____ How many rooms on each level _____
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: _____ Does this site have trained fire marshalls 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:	

# Portable appliance testing (PAT)



The maintenance regime and visual inspection of portable appliances should be appropriate to the environment and duty for which the equipment is used, eg electrical testing in a low-risk area such as an office would be less frequent than in a harsh industrial environment.

Legislation including 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

Morgan Fire technicians work to recommendations from the HSE (Health & Safety Executive) and all testing is carried to the latest code of practice, provided by the Institution of Engineering and Technology to assist you in meeting your legal requirements.

## Overview of PAT Testing process

Portable appliance testing includes a thorough visual check of the appliance and a series of tests using high quality portable appliance testing equipment.

The visual inspection involves a number of checks:

- 1 The plug is wired correctly
- 2 The fuse rating is correct
- 3 The plug is checked for damage
- 4 The plug is checked for loose connections
- 5 There are no exposed wires
- 6 There are no signs of overheating on the plug
- 7 The cable is not damaged
- 8 The cable has not been extended using a connector block

If the appliance passes the visual inspection then the following tests will be applied to the electrical appliance:

- An electrical earth continuity test
- Insulation resistance test
- Functional test

**Passed Items** - will be given a Pass Label.

**Failed items** - will be given a Fail Label and the failed item will be taken out of service with the user's permission.

A full **report and certificate** will be provided showing the results of all tests carried out.



Table 1 (source: Health & Safety Executive) provides a useful guide and includes a section for Construction, including 110V, 230V, fixed RCDs and site offices.

The **user** of the equipment should also be encouraged to check the condition of the equipment prior to use, and to report signs of damage, overheating and misuse. **Employers** should ensure that a suitable reporting process is in place.

Please note the testing will involve switching off items. To minimise disruption we may be able to offer you out of hours testing if required.



**Table 1** Suggested initial maintenance intervals

Type of business		User checks	Formal visual inspection	Combined inspection and test
Equipment hire		N/A	Before issue/after return	Before issue
Battery operated equipment (less than 40 V)		No	No	No
Extra low voltage (less than 50 V ac), telephone equipment, low-voltage desk lights		No	No	No
Construction	110V equipment	Yes, weekly	Yes, monthly	Yes, before first use on site then 3-monthly
	230V equipment	Yes, daily/every shift	Yes, weekly	Yes, before first use on site then monthly
	Fixed RCDs	Yes, daily/every shift	Yes, weekly	Yes, before first use on site, then 3-monthly (portable RCDs – monthly)
	Equipment site offices	Yes, monthly	Yes, 6-monthly	Yes, before first use on site then yearly
Heavy industrial/high risk of equipment damage (not construction)		Yes, daily	Yes, weekly	Yes, 6–12 months
Light industrial		Yes	Yes, before initial use then 6-monthly	Yes, 6–12 months
Office information technology rarely moved, eg desktop computers, photocopiers, fax machines		No	Yes, 2–4 years	No if double insulated, otherwise up to 5 years
Double insulated  (Class II) equipment moved occasionally (not hand-held), eg fans, table lamps		No	2–4 years	No
Hand-held, double insulated  (Class II) equipment, eg some floor cleaners, some kitchen equipment		Yes	Yes, 6 months – 1 year	No
Earthed (Class I) equipment, eg electric kettles, some floor cleaners		Yes	Yes, 6 months – 1 year	Yes, 1–2 years
Cables, leads and plugs connected to Class I equipment, extension leads and battery charging equipment		Yes	Yes, 6 months – 4 years depending on type of equipment it is connected to	Yes, 1–5 years depending on the equipment it is connected to

Maintenance intervals assume that suitable reporting processes are in place.  
Information correct at time of going to print, April 2019.

## 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.

### Bespoke fire training courses for the construction industry:

- Morgan Fire offers C.I.T.B. compliant Fire Marshall fire training, a half day course for up to 15 delegates including practical session.
- Trainers incorporate relevant Health & Safety Executive, Fire safety in construction training (HSG 168).
- Tailormade courses and company branded course materials.
- Certificate of Attendance on completion.
- Training at your appointed venue or using the dedicated training facility at Morgan Fire's Essex head offices, shown below.



*Morgan Fire's dedicated training room at Morgan Fire's headquarters can be booked for fire training, or arranged at your appointed venue.*

### Course Content

All courses are delivered by Morgan Fire training staff who are experienced/qualified fire technicians. 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. Times are approximate.

### Fire Marshal & Warden Training (3.5 hours with practical\*)

*C.I.T.B. compliant course.*

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. The course includes all content from Fire Awareness and Extinguisher Users courses below.

**Fire Awareness/Safety Training 3 hours with practical\*)** In addition to the objectives of Fire Extinguisher Users training below, 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 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.



\* During the practical session, delegates will have the opportunity of putting out a 'live fire' using the fire simulator and water, foam, CO2 extinguishers and fire blanket. An outside area of 3m x 3m is essential and space to park our vehicle closeby.

## 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 involves a visual inspection 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.



*Annual wet testing using Morgan Fire's dedicated dry riser testing appliance.*