



MICOM FIRE PROTECTION

FIRE PROTECTION ENGINEERS
Drumcreeghan. Latton P.O.
Castleblaney. Co. Monagahn

Fire Systems Log Book

Name:

Premises Address:

System Type

Responsible Person:

For Service in Business Hours:

042-9748899

Outside Business Hours:

086-8234657

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DO'S AND DON'TS

Your automatic fire alarm system has been designed and installed in accordance with the Irish Standards I.S.3218 Code of Practice.

With your co-operation the system will provide you continued effective use. That it shall do so is a requirement under current Health and Safety legislation.

DO appoint a senior person to be responsible for all aspects of the system. Their duties should include ensuring that these recommendations are carried out. They should familiarise themselves with the operation of the system and the control facilities on the panel.

DO have a plan of action ready for use in the event of fire. Make sure all staff know the means of escape and the locations of fire-fighting equipment - and how to use it.

DO ensure that all staff and visitors are aware of the presence of the system. Smoke detectors will respond to extraneous smoke, heat detectors will respond to high ambient temperatures. Discipline staff to avoid situations likely to raise false alarms. When these situations are known to be unavoidable contact your fire alarm company to arrange to isolate the zone involved as a temporary measure. They will be able to give you specific advice with regard to the equipment fitted.

DO maintain a Log Book - record all activities including fires, faults, false signals and any other difficulties associated with the system. Alterations and extensions to the system, maintenance and service calls should also be recorded.

DO carry out regular tests of the system as recommended by your Fire Alarm Company. Ensure that the alarm remains clearly audible throughout the premises and that if automatic signalling is employed, that your Alarm Receiving Centre is notified before the test to avoid false alarms to the Fire Brigade.

DO establish a maintenance agreement with the Fire Alarm Company. All systems require routine inspections as well as the tests which you carry out. Report all problems to the Fire Alarm Company and record the results of their work in your log book.

DO ensure that any alterations in the premises do not affect the efficient working of the system. Changes in the use of the building or in the processes carried out may also affect the system and make it inadequate to meet your new needs. Please contact the Fire Alarm Company.

DON'T permit goods to be placed so that free circulation around the detectors is inhibited. To operate correctly a detector requires clear space of at least 500mm around it.

DON'T reset the system in the event of an alarm until you have established the source of the alarm and searched the area for signs of fire. Remember to make a note in the log book on your findings.

DON'T allow untrained persons to interfere with the system.

REMEMBER

Your Fire Authority are empowered to charge for visits occasioned by unwanted alarms which are a drain on their resources.

The above do's and don'ts will assist you in reducing unwanted alarms to a minimum. Your co-operation will therefore be to the benefit of all concerned in the prevention and early detection of fire.

Fire Alarm System User Responsibility

The I.S. 3218 code puts great emphasis on personal rather than general responsibility. It therefore recommends that a named individual should be appointed to supervise the system. If no "responsible person" has been named then the code automatically defines the "responsible person" as the person who controls the premises, whether as occupier or not, until he delegates the job to another.

The "responsible person" should be given sufficient authority to enable him to ensure the satisfactory carrying out of all the procedures for which he is made responsible.

The job of the responsible person

The functions can be summarised as follows:

- a) In conjunction with the appropriate authority (usually the fire brigade), laying down procedures appropriate to the premises for dealing with the various alarms, warnings or other events originating from the system
- b) Ensuring that all those who will have to use the system are instructed in its use. In particular anyone who might be concerned with first-aid and fire fighting should be trained in translating the system's indications as to the position of the fire in the building
- c) Liaison with others to ensure that work on the building (such as decoration or cleaning) does not adversely affect the system, and that possible effects on the system are taken into account when planning changes to the building.
- d) Ensuring that the efficiency of the system is not reduced by obstructions preventing the movement of fire products to the detector, or obscuring or blocking access to the manual call points.
- e) Maintains drawings and operating instructions.
- f) Keeping the log book up to date. This should include brief details of every significant event affecting or resulting from the system. Ensure the 'Responsible person' is nominated
- g) Preventing or reducing the rate of false alarms
- h) Ensuring that the system is properly reinstated after any work on it is completed.
- i) Ensuring that the system is maintained and is given correct routine attention at the proper intervals.
- j) Ensuring that the system is correctly serviced following any alarm or warning it might have, and is correctly repaired following any damage it might receive.
- k) Maintaining a stock of suitable spares usually following agreement with a servicing organisation.

Remember: if the "responsible person" has not been appointed then the person having control of the premises takes the job automatically!

Notice that although the code makes the "responsible person" responsible, it does not say he has to do it all himself. He can delegate the job either to someone inside the organisation or outside of the organisation (such as a servicing company). It will be unusual for this "responsible person" to have all the expertise required to fulfil all his duties; he should be encouraged to recognise any limitations and to fill the gaps by appointing suitably expert individuals or organisations.

Paperwork

Paperwork handed over with the system should include:

- a) Full operating instructions
- b) Instructions for routine attention by the user;
- c) Instructions of any test procedures to be carried out by the user
- d) Recorded drawings of system components and layout.
- e) The system logbook
- f) Certificate of installation and commissioning

Fire log book contents

- Summary of checks and tests to be carried out by the occupier (local responsible person).
- Summary of checks and tests to be carried out by a competent person (e.g. service engineer).
- Forms for recording checks and tests carried out by the occupier
 - Fire alarm systems system user tests.
 - Unplanned activations of the fire alarm system.
 - Emergency lighting – Tests.
 - Fire extinguishers and hose reel inspections.
 - Emergency evacuations and drills
 - Staff fire training record
- Forms for recording checks and tests carried out by a competent person (e.g. service engineer)
 - Fire alarm system – Routine tests, repairs and servicing
 - Fire detection system – Routine tests, repairs and servicing
 - Emergency lighting tests and repairs
 - Fire extinguishers - record of tests, inspections, refills & repairs
 - Hose reel tests & repairs
 - Miscellaneous equipment – record of tests and repairs

**Checks and tests to be carried out by the occupier
(local responsible person)**

The 'local responsible person' is the manager in control of the premises, unless any other person has been given delegated responsibility by the premises manager.

Fire Alarm System		
Alarm test	Weekly	Operation of test switch and activation of system in accordance with manufacturers recommendations / instructions. Where call points (break glass) are installed, the alarm system should be tested each week by using a different call point in rotation (using test key).

Emergency Lighting		
	Monthly	Test the operation of the emergency lighting to ensure correct operation in accordance with manufacturers recommendations / guidance using the test key.

Fire Fighting Equipment		
Fire extinguishers	Monthly	Ensure extinguishers are in the correct location and that they have not been damaged or discharged.
Fire hose reel	Monthly	Ensure that no leaks are apparent and that no damage has occurred.

Fire Drills		
Fire drills	At least annually	Full evacuation of the premises, in accordance with the building's local evacuation procedure. This may include evacuation to the outside or, where agreed, lateral evacuation within the building. A Fire Risk Assessment may recommend that fire drills are undertaken at more regular intervals .

Fire training		
Training	Annually	Employees should receive annual refresher training and/or instruction on what to do in the event of a fire. In addition, particular members of staff may require additional and more frequent training (e.g. those involved in Personal Emergency Evacuation Plans).

Fire And Other Alarm Activations		
Fire	When identified	Must be recorded in this log book and reported to responsible persons
False alarms	When identified	Record in the log book and if frequent arrange investigation by your Fire Alarm Company.

**Checks and tests to be carried out by a competent person
(e.g. Fire alarm service engineer)**

Fire Alarm/Detection System		
Alarm system	Quarterly	Routine service.
Automatic fire doors	Quarterly	Check doors for correct operation. Check none are wedged open or blocked
Call points (Break Glass)	Quarterly	25% per visit.
Heat detectors	Quarterly	Routine service.
Smoke detectors	Quarterly	Routine service.

Emergency Lighting		
Luminaires	6 monthly	Routine Service alternating 1hr and 3 hr test.

Batteries / Back up Generators		
Self contained / central battery systems	6 monthly	Routine service. Generators should be checked regularly and started to ensure operation and allow battery to charge

Fire Fighting Equipment		
Fire extinguishers	Annual	Routine service.
Fire hose reel	Annual	Full service and test.

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