



NAPIT Fire Detection and Alarm System 6/12 Months Inspection and Servicing Report

Requirement for BS:5839:1 2017
Please complete all the unshaded areas.

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FAIS Page 1 of 4

1 Details of the installation for the fire alarm system which the certificate of servicing is being issued

Client	Station Road Management Company	Installation (if different from client)	
Address	Westwinds Lyth Bank Shrewsbury	Address	39 Station Road Biddulph Stoke on Trent
Postcode	SY3 0BE	Postcode	ST8 6BL

2 Details of the installation System category LI

Details of the Fire Detection System:

The fire detection system is a 2 zone conventional system, with 2 sounder circuits covering all communal and flat areas.

3 Extent of the installation and limitations of the inspection and servicing

Extent of the fire detection and alarm system covered by this report:

The whole of the fire alarm system has been tested. Due to loft access, limitations have been put on inspection and testing of loft areas.

Variations from the recommendations of Clause 45 of BS 5839-1: 2017 for periodical or annual inspection and test (as applicable)

Continue on additional numbered pages as required. Page 1 of 4 pages

4 Certificate of servicing for the fire alarm system as indicated in section 1

I/We being the competent person(s) responsible (as indicated by my/our signature(s) below) for the inspection and servicing of the fire detection and the fire alarm system, particulars of which are set out above, Certify that the said work for which I/we have been responsible complies to the best of my/our knowledge and belief with the recommendations of Clause 45 of BS 5839-1: 2017, quarterly inspection of vented batteries/periodic inspection and test/inspection and test over a 12 month period (delete as applicable) except for the variations, if any, stated in this report.

I/We further declare that in my/our judgement, the said system was overall in (tick appropriate box) a satisfactory an unsatisfactory condition at the time the inspection and servicing was carried out, and that it should be further inspected as recommended.

The extent of liability of the signatory is limited to the system described in section 3:

Company (CAPITALS): ASSURED ELECTRICAL LTD
Address: 22 CHILGROVE CLOSE
BIRCHES HEAD
STOKE ON TRENT. ST1 6TL
Member No: 15942

Name (CAPITALS): MR S FRYER
Signature:
Position: INSPECTOR
Date: 14/09/2018

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5 Non compliances for actions to be taken

Referring to the attached schedules of inspection and testing results, and subject to the limitations at 3:

- There are no items adversely affecting operational performance of the fire detection and alarm system
- The following non compliances have been found and require rectification

Item no.	
1	The fire alarm panel has not been labelled correctly, to show zones and flat positions on zones.
2	There is no fire alarm drawing to show zone areas which is a must in this scenario.
3	The main supply 230v is in PVC cable not fire resistant cable.
4	The termination of all circuits in the panel is very poor. The earths have not been terminated inside the panel for all circuits.
5	The earths have not been terminated inside the panel for all circuits.
6	The main entrance/exit break glass is wrongly sited.
7	There is no optical smoke detector located on the ground floor.
8	The main supply to the panel is connected through an unswitched spur, it needs to be a labelled lockable device.
9	There is only 1 sounder circuit in the main area covering ground and first floor.
10	There is no break glass on the first floor area.
11	The smoke detector is loose on the first floor.
12	Further investigation is needed on the sounder circuits, possible jointing of cables not accessible.
13	All 6 flats need a PART 6 fire alarm system fitting, there are no smoke alarms inside the flats.
14	A repeater panel is possibly needed at far side of building, further investigation and site visit needed.
15	Decibel readings at the bed head will not be achieved, sounder / heat detectors needed inside flats.

Urgent remedial work recommended for items:

1,2, 3, 4, 5, 6, 7, 9, 10, 11, 13, 14 & 15

Corrective action(s) recommended for items:

8, 12

6 Summary of inspection and servicing All boxes must be completed

General condition of the fire detection and alarm system:

The general condition is not very good. The alarm system has been poorly designed and needs further investigation to alter and comply with current regulations

Date(s) of the inspection and servicing 14/09/2018

- Outstanding defects reported to responsible person
- Relevant details of the work carried out and faults identified have been entered in the system log book (see Clause 40.2)

During the past 12 months false alarms have occurred.

This number of false alarms equates to false alarms per 100 automatic fire detectors per annum

For category M systems enter 'Not applicable'

7 Next inspection and servicing

Based upon risk assessment, taking into account the type of system and the environment, I recommend that the fire detection and alarm, details of which are given on page 1 of this certificate, is inspected and serviced after period not exceeding:

3 months weeks/months (Enter a period not exceeding 6 months)



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8 Schedule of items inspected Premises

- Manual call points suitably sited
- Manual call points are unobstructed
- Manual call points are conspicuous
- All exits, including any new exits, have manual call points
- Automatic fire detectors suitable for building use or occupancy
- Automatic fire detectors suitably sited
- No partitions within 500mm horizontally of any automatic fire detector (Clause 22.3g)
- Clear space of 300mm of ceilings (Clause 22.3i)
- Clear space of 500mm exists below each automatic fire detector (Clause 22.3n)
- Each automatic fire detector's ability to receive the stimulus it is designed to detect has not been impeded by any other means
- Building use or occupancy does not make existing types of automatic fire detector unsuitable for detection of fire or prone to unwanted alarms

N/A Additional fire detection and alarm equipment provided in any extensions or alterations to the building

Documentation

- System log book examined
- Any faults recorded have been attended to

False alarms

- Record of false alarms checked in accordance with Clause 30.2i
 - Rate of false alarms during the previous 12 months recorded (Clause 30.2i)
 - Action taken in respect of false alarms complies with the recommendations of Clause 30.2i
- Continue on additional numbered pages as required

9 Summary of inspection and servicing All boxes must be completed

- Control Indicating Equipment checked by operation of at least one detector or manual call point in each circuit device(s) used shall be recorded and different devices used for next tests
- Operation of fire alarm devices
- Controls and visual indicators at CIE checked for correct operation
- For CIE, manufacturers' checks and test performed
- Fault indicators and their circuits checked by simulation of fault conditions
- N/A Automatic transmission of alarm signal to receiving centre
- N/A Automatic transmission of other signals, such as fault signals to receiving centre
- N/A Radio systems serviced in accordance with manufacturer's recommendations

- N/A For other equipment, manufacturer's checks and tests performed
- N/A Printers checked for correct operation
- N/A Printers checked that characters are legible
- N/A Printer consumables available in sufficient quantity to ensure operation until next service visit
- N/A Standby battery disconnected and full load alarm simulated
- N/A Quarterly checks carried out on vented batteries
- N/A Specific gravity of each cell of vented batteries checked
- Mains disconnected and batteries momentarily load tested (other than those within devices such as manual call points, detectors and fire alarms sounders of a radio linked system)

10 Arrangements in place for repair of faults or damage All boxes must be completed

- Emergency call out arrangement in place where maintenance carried out by a third party
- Name and telephone number of any third party responsible for maintenance prominently displayed at main CIE
- Records and documentation give information on maintenance arrangements (see Clause 40)

- User records faults or damage in log book
- User arranges for repairs to be carried out as soon as possible
- Automatic transmission of alarm signal to receiving centre

✓ indicates that an inspection or a test was carried out and the result was **satisfactory**
✗ indicates that an inspection or a test was carried out and the result was **unsatisfactory**

N/A indicates that an inspection or test was Not Applicable

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11 Over a 12 month period – schedule of items inspected All boxes must be completed

Premises

- Automatic fire detectors unpainted
- Automatic fire detectors undamaged
- Visual fire alarm devices not obstructed
- Lenses of visual fire alarm devices are clean
- Readily-accessible cable fixings secure
- Readily-accessible cable fixings undamaged

Documentation

- System log book examined
- Cause and effect programme confirmed as being correct

12 Over a 12 month period – schedule of items tested All boxes must be completed

- Switch mechanism of every manual call point
- Fire alarm devices checked for correct operation
- Automatic fire detectors functionally tested, including heat detectors, point smoke detectors, optical beam smoke detectors, aspirating fire detection systems, carbon monoxide fire detectors, flame detectors and multi-sensor detectors
- All unmonitored, permanently-illuminated filament lamp indicators at CIE replaced
- CIE manufacturer's annual checks and tests carried out
- Radio signal strengths checked for adequacy
- For fire detection systems that enable analogue values to be determined it should be confirmed that each analogue value is within the range specified by the manufacturer
- Standby power supply capacity checked
- Checks recommended by manufacturers of other components of system carried out

13 Additional checks upon change of servicing organisation All boxes must be completed

- Adequate number of call points (Clause 20.2)
- Adequate provision of fire detection for the category of system
- Sound pressure levels comply with Clause 16.2
- Changes in use, layout or construction of the premises have not reduced system effectiveness
- Cabling had fire resistance complying with Clause 26.2
- Circuits monitored in compliance with Clause 12.2
- Requirements of BS7671 are met (Clause 29)
- Standby power supplies provided
- Standby power supplies comply with Clause 25.4
- Exposure to false alarms is not excessive (see Section 3 of 5839)
- Experience of false alarms is not excessive (see Section 3 of 5839)
- Existing records checked
- Log book available. (If not available, a suitable log book should be provided by the servicing organisation). (see Clause 48.2)

14 Related reference documents

Design specification ref no.	Date issued Not Known	Fire alarm commissioning certificate no.	Date issued Not Known
Design drawings ref nos.	Date issued Not Known	Fire alarm verification no.	Date issued Not Known
'As Fitted' drawing nos.	Date issued Not Known	Operating and maintenance instructions	Date issued Not Known
Electrical installation certificate no.	Date issued Not Known	Previous inspection and servicing report	Date issued Not Known
Fire alarm design certificate no.	Date issued Not Known	Log book	Date issued Not Known
Fire alarm installation certificate no.	Date issued Not Known	Other	Date issued Not Known

indicates that an inspection or a test was carried out and the result was **satisfactory**
 indicates that an inspection or a test was carried out and the result was **unsatisfactory**

N/A indicates that an inspection or test was Not Applicable