

## Inspection and Servicing Report

Requirement for BS:5839:1 2017

### A. Details of the Installation for the Fire Alarm System which the Certificate of Servicing is being issued

|          |                                 |              |                                 |
|----------|---------------------------------|--------------|---------------------------------|
| Client   |                                 | Installation |                                 |
| Address  | 46 Trendlewood Park:<br>Bristol | Address      | 46 Trendlewood Park:<br>Bristol |
| Postcode | BS16 1TT                        | Postcode     | BS16 1TT                        |

### B. Details of the Installation

Details of the Fire Detection System: System category

FA: 4 zone Channel Sabre Checkpoint plus panel. Sounder bases

### C. Extent of the Installation and Limitations of the Inspection and Servicing

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

All accessible areas. No inspection of cables concealed in walls.

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

### D. Action to be taken on Finding a Failure

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 co 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 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  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 above:

|            |  |            |                    |
|------------|--|------------|--------------------|
| Company:   | BNS                                      | Name:      | Harry Ford         |
| Branch No. |  | Signature: | <i>Harry Ford</i>  |
| Address:   | 18 Badminton Road<br>Bristol<br>BS16 6BQ | Position:  | Associate Director |
| Scheme No. | 66410                                    | Date:      | 17/04/2024         |

### E. 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

| No. | Non Compliance   |
|-----|--|
| 1   | No MCPs on each level  |
| 2   | Incorrect form of local isolation, should require a specialist tool to isolate |
| 3   | No log book on site.   |
| 4   | No zone chart  |
| 5   | Panel batteries failed (2x 2.1AH 12v)  |

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|   |   |
|---|---|
| 6   | Detectors are past manufacture lifetime, would recommend replacing. |
| 7   | Panel is past its manufactures lifetime. Should be upgraded.        |
| 8   | Some Panel buttons broken/showing signs of wear                     |
| Urgent remedial work recommended for items: <input type="text" value="3, 5"/>             |   |
| Corrective action(s) recommended for items: <input type="text" value="1, 2, 4, 6, 7, 8"/> |   |

### G. Summary of Inspection and Servicing

General condition of the fire detection and alarm system:

Date of the inspection and servicing   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

### H. 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 a period

not exceeding (must not exceed 6 months):

### I. Schedule of Items Inspected

#### Premises

- Manual call points suitably sited  Manual call points are conspicuous  Manual call points are unobstructed
- 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
- Additional fire detection and alarm equipment provided in any extensions or alterations to the building  Building use or occupancy does not make existing types of automatic fire detector unsuitable for detection of fire or prone to unwanted alarms

#### Documentation

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

#### False alarms

- Rate 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

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### J. Summary of Inspection and Servicing

|      |  |      |  |
|------|--|------|--|
| Pass | 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 | Pass | For other equipment, manufacturer's checks and tests performed   |
| Pass | Operation of fire alarm devices  | Pass | Printers checked for correct operation   |
|      |  | Pass | Printers checked that characters are legible   |
| Pass | Controls and visual indicators at CIE checked for correct operation  | Pass | Printer consumables available in sufficient quantities to ensure operation until next service visit  |
| Pass | For CIE, manufacturers' checks and tests performed   | Pass | Standby battery disconnected and full load alarm simulated   |
| Pass | Fault indicators and their test circuits checked by simulation of fault conditions   | Pass | Quarterly checks carried out on vented batteries   |
| N/A  | Automatic transmission of alarm signal to receiving centre   | Pass | Specific gravity of each cell of vented batteries checked  |
| N/A  | Automatic transmission of other signals, such as fault signals to receiving centre   | Pass | 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) |
| N/A  | Radio systems serviced in accordance with manufacturers' recommendations   |      |  |

### K. Arrangements in place for Repair of Faults or Damage

|      |  |      |   |
|------|--|------|---|
| Pass | Emergency call out arrangement in place where maintenance carries out by a third party                     | Fail | User records faults or damage in log book                       |
| Pass | Name and telephone number of any third party responsible for maintenance prominently displayed at main CIE | Pass | User arranges for repairs to be carried out as soon as possible |
| Pass | Records and documentation give information on maintenance arrangements ( Clause 40 )                       | N/A  | Automatic transmission of alarm signal to receiving centre      |

### L. Over a 12 month period - Schedule of Items Inspected

|                      |   |      |   |
|----------------------|---|------|---|
| <b>Premises</b>      |   |      |   |
| Pass                 | Automatic fire detectors unpainted            | Pass | Readily available cable fixings are undamaged         |
| Pass                 | Automatic fire detectors undamaged            | N/A  | Visual fire alarm devices not obstructed              |
| N/A                  | Lenses of visual fire alarm devices are clean | Pass | Readily available cable fixings are secure            |
| <b>Documentation</b> |   |      |   |
| Pass                 | System log book examined                      | Pass | Cause and effect programme confirmed as being correct |

### M. Over a 12 month period - Schedule of Items Tested

|      |  |      |   |
|------|--|------|---|
| Pass | Switch mechanism of every manual call point  | Pass | CIE manufacturer's annual checks and tests carried out  |
| Pass | Fire alarm devices checked for correct operation   | N/A  | Radio signal strengths checked for adequacy   |
| Pass | 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 | N/A  | 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 |
| N/A  | All unmonitored, permanently-illuminated filament lamp indicators at CIE replaced  | Pass | Standby power supply capacity checked   |
|      |  | Pass | Checks recommended by manufacturers of other components of system carried out   |

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### N. Additional checks upon change of servicing organisation

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

### O. Related Reference Documents

| Design specification ref no.            | Date issued          | Fire alarm commissioning certificate no. | Date issued          |
|---|----------------------|--|----------------------|
| <input type="text"/>                    | <input type="text"/> | <input type="text"/>                     | <input type="text"/> |
| Design drawings ref no.                 | <input type="text"/> | Fire alarm verification no.              | <input type="text"/> |
| <input type="text"/>                    | <input type="text"/> | <input type="text"/>                     | <input type="text"/> |
| 'As fitted' drawing nos.                | <input type="text"/> | Operating and maintenance instructions   | <input type="text"/> |
| <input type="text"/>                    | <input type="text"/> | <input type="text"/>                     | <input type="text"/> |
| Electrical installation certificate no. | <input type="text"/> | Previous inspection and servicing report | <input type="text"/> |
| <input type="text"/>                    | <input type="text"/> | <input type="text"/>                     | <input type="text"/> |
| Fire alarm design certificate no.       | <input type="text"/> | Log book                                 | <input type="text"/> |
| <input type="text"/>                    | <input type="text"/> | <input type="text"/>                     | <input type="text"/> |
| Fire alarm installation certificate no. | <input type="text"/> | Other                                    | <input type="text"/> |
| <input type="text"/>                    | <input type="text"/> | <input type="text"/>                     | <input type="text"/> |