

Certificate Reference: 10938455

**1 DETAILS OF THE CLIENT**

Client: XXX  
Address: XXX

**2 DETAILS OF THE FIRE DETECTION AND ALARM SYSTEM**


Installation Address: XXX  
Details of the system: Menvier MF9302, 2 Zone Conventional Fire Detection System Covering Two Floors And Consisting Of x3 Manual Call Points + x4 Automatic Detectors + 3 Bells

**3 EXTENT OF THE INSTALLATION AND LIMITATIONS OF THE INSPECTION AND SERVICING**


Extent of the fire detection and alarm system covered by this report:  
All Control Indicating Equipment, Accessible Cabling, Manual Call Points, Assessable Automatic Detectors + Sounders/Bells  
Agreed and operational limitations of the inspection and servicing (include reasons and person agreed with):  
None

**4 CERTIFICATION OF INSPECTION AND SERVICING**

I/we being the competent person(s) responsible (as indicated by my/our signatures below) for the servicing of the fire detection and fire alarm system, particulars of which are set out below, 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 certificate.  
Variations from the recommendations of Clause 45 of BS 5839-1:2017 for periodic or annual inspection and test (as applicable):  
None

The extent of liability of the signatory is limited to the system described above.  
For the INSPECTION and SERVICING of the system:  
Name: Jason Taylor Position: Qualified Supervisor Signature:  Date: 17/04/2019

**5 DETAILS OF THE ELECTRICAL CONTRACTOR**

Trading Title: Taylor Electrical Contractors of Yarm LTD  
Address: 12 Harker Close Yarm  
Registration Number (if applicable): 041686  
Telephone Number: 07967470934  
Post code: TS15 9TT  


**6 SUMMARY OF THE INSPECTION AND SERVICING**

See page 3 for a summary of the general condition of the fire detection and alarm system.  
Overall assessment of the inspection and servicing in terms of it's suitability for continued use\*: **UNSATISFACTORY**  
\* An unsatisfactory assessment indicates that dangerous (Code C1) and/or potentially dangerous (Code C2) conditions have been identified.

## 7 OBSERVATIONS AND RECOMMENDATIONS FOR ACTIONS TO BE TAKEN

Referring to the attached Schedule(s) of Inspections and Test Results, and subject to the limitations specified on page 1 of this report under 'Extent of the Installation and Limitations of Inspection and Testing':

N/A There are no items adversely affecting operational performance of the fire detection and alarm system  
or

✓ The following observations and recommendations are made

Item No	Observations	Classification Code
1	No Call Point Covers	C3
2	System Operating Instructions Not Available	C3
3	No Set Time or Day For Weekly Testing	C3
4	Detectors Do Not Have CE Marks/Numbers	C3
5	Detectors Not Correctly Positioned - See Schedule	C2
6	A Number Of Detectors >10Yrs Old Or Have No Date On Them	C3
7	Sound Levels Do Not Meet Minimum Requirements	C2
8	No Special Key Isolation	C3
9	Some Manual Call Points Obstructed - See Schedule	C2
10	Not 15Lux At CIE (Fire Panel)	C3
11	No Detection Coverage Under Stairs (Near DBs)	C2
12	Only x1 Bell/Sounder Circuit Being Used	C2
13	Cable Fixings Not Non-combustible	C3
14	Cables Under 2M Not Mechanically Protected	C3
15	Cables Over Escape Routes Not Secure Using Non-combustible Fixings	C2
16	Incorrect Detection - Heat Throughout - Smoke Required On Escape Routes	C2
17	No Detection In Office Porch/Entrance	C2
18	Detection Zone Cross Floors	C3
19	Detection Coverage On 1st Floor Insufficient	C2
20	MF9304 CIE Installed Inside MF9302 Case - Indicator Lights In Incorrect Place	C2
21	CIE (Fire Panel) Isolation Labelled "Emergency Lights"	C3
22	Cable Connections In Office Area Ceiling Not Non-combustible	C3
23	Log Book Not Kept Up To Date	C3

One of the following codes, as appropriate, has been allocated to each of the observations made above to indicate to the person(s) responsible for the installation the degree of urgency for remedial action:

**C1** Danger Present  
Risk of injury. Immediate  
remedial action required

**C2** Potentially dangerous  
Urgent remedial action  
required

**C3** Improvement  
recommended

**F1** Further investigation  
required without delay

Immediate remedial action required for items:

N/A

Urgent remedial action required for items:

5, 7, 9, 11, 12, 15, 16, 17, 19, 20

Improvement recommended for items:

1, 2, 3, 4, 6, 8, 10, 13, 14, 18, 21, 22, 23

Further investigation required for items:

N/A

## 8 SUMMARY OF THE INSPECTION AND SERVICING

Where the overall assessment of the suitability of the fire detection and alarm system for continued use on page 1 is stated as 'UNSATISFACTORY', I/We recommend that any observations classified as 'Code 1 - Danger Present' or 'Code 2 - Potentially dangerous' are acted upon as a matter of urgency. Investigation without delay is recommended for observations identified as 'Further Investigation Required'. Observations classified as 'Code 3 - Improvement recommended' should be given due consideration.

General condition of the fire detection and alarm system:

Significant Improvements Required

Date(s) of the inspection and servicing: 17/04/2019

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

During the past 12 months: 0 false alarms have occurred.

This number of false alarms equates to false alarms per 100 automatic fire detectors per annum: 0  
(for Category M systems enter 'Not Applicable').

## 9 NEXT INSPECTION AND SERVICING

Based upon risk assessment, taking into account the type of system and the environment, I/We recommend that this installation is further inspected and serviced after an interval of not more than:

6 Months (Enter interval in terms of years, months or weeks, as appropriate)

provided that any items in section 7 which have been attributed a Classification code C1 (danger present) are remedied immediately and that any items which have been attributed a code C2 (potentially dangerous) or require further investigation are remedied or investigated respectively as a matter of urgency. Items which have been attributed a Classification code C3 should be improved as soon as practicable (see section 7).

## 10 RELATED REFERENCE DOCUMENTS

Related reference documents and certificate numbers:  
10938313 - 25/10/18

## 11 QUARTERLY INSPECTION OF VENTED BATTERIES

- |     |                             |     |   |
|-----|-----------------------------|-----|---|
| N/A | Batteries checked           | N/A | Electrolyte levels checked and topped up as necessary |
| N/A | Battery connections checked |     |   |

## 12 SCHEDULE OF ITEMS INSPECTED

Premises Note that structural or occupancy changes may have affected compliance with BS 5839-1:2017.

- |                                     |  |                                     |  |
|-------------------------------------|--|-------------------------------------|--|
| <input checked="" type="checkbox"/> | Manual call points suitably sited  | <input checked="" type="checkbox"/> | No partitions within 500 mm horizontally of any automatic fire detector (Clause 22.3g)   |
| <input checked="" type="checkbox"/> | Manual call points are unobstructed  | <input checked="" type="checkbox"/> | No storage within 300 mm of ceilings (Clause 22.3i)  |
| <input checked="" type="checkbox"/> | Manual call points are conspicuous   | <input checked="" type="checkbox"/> | Clear space of 500 mm exists below each automatic fire detector (Clause 22.3n)   |
| <input checked="" type="checkbox"/> | All exits, including any new exits, have manual call points                                | <input checked="" type="checkbox"/> | Each automatic fire detector's ability to receive the stimulus it is designed to detect has not been impeded by any other means                |
| <input checked="" type="checkbox"/> | Automatic fire detectors suitable for building use or occupancy                            | <input checked="" type="checkbox"/> | Building use or occupancy does not make existing types of automatic fire detector unsuitable for detection of fire or prone to unwanted alarms |
| <input checked="" type="checkbox"/> | Automatic fire detectors suitably sited  | <input checked="" type="checkbox"/> | Additional fire detection and alarm equipment provided in any extensions or alterations to the building  |
| <input checked="" type="checkbox"/> | Fire alarm devices suitably sited  | N/A                                 |  |
| Documentation                       |  |                                     |  |
| <input checked="" type="checkbox"/> | System log book examined   | <input checked="" type="checkbox"/> | Any faults recorded have been attended to  |
| False Alarms                        |  |                                     |  |
| <input checked="" type="checkbox"/> | Record of false alarms checked in accordance with Clause 30.2i                             | <input checked="" type="checkbox"/> | Rate of false alarms during the previous 12 months recorded (Clause 30.2i)   |
| <input checked="" type="checkbox"/> | Action taken in respect to false alarms complies with the recommendations of Clause 30.2j: |                                     |  |

No Recorded False Alarms

### 13 SCHEDULE OF ITEMS TESTED

✓	Fire alarm functions of CIE checked by operation of at least one detector or manual call point in each circuit and entry made in log book indicating which initiating devices used for these tests	N/A	Radio systems serviced in accordance with manufacturer's recommendations
✓	Operation of fire alarm devices	✓	For other equipment, manufacturer's checks and tests performed
✓	Controls and visual indicators at CIE checked for correct operation	N/A	Printers checked for correct operation
N/A	Ancillary functions of CIE tested	N/A	Printers checked that characters are legible
✓	For CIE, manufacturer's checks and tests performed	N/A	Print consumables available in sufficient quantity to ensure operation until next service visit
✓	Fault indicators and their circuits checked by simulation of fault conditions	✓	Standby battery disconnected and full load alarm simulated
N/A	Automatic transmission of alarm signal to receiving centre	N/A	Specific gravity of each cell of vented batteries checked
N/A	Automatic transmission of other signals, such as fault signals, to receiving centre	✓	Mains disconnected and batteries momentarily load tested (other than those within devices such as manual call points, detectors and fire alarm sounders of a radio linked system)

### 14 ARRANGEMENTS IN PLACE FOR REPAIR OF FAULTS OR DAMAGE

✓	Emergency call out arrangement in place where maintenance carried out by a third party	✓	Records and documentation give information on maintenance arrangements. See Clause 40
✓	Name and telephone number of any third party responsible for maintenance prominently displayed at main CIE	✓	User records faults or damage in log book
		✓	User arranges for repairs to be carried out as soon as possible

### 15 OVER A 12 MONTH PERIOD - SCHEDULE OF ITEMS INSPECTED

Premises			
✓	Automatic fire detectors unpainted	✗	Readily-accessible cable fixings secure
✓	Automatic fire detectors undamaged	✗	Readily-accessible cable fixings undamaged
N/A	Visual fire alarm devices not obstructed		Documentation
N/A	Lenses of visual fire alarm devices are clean	✓	Cause and effect programme confirmed as being correct

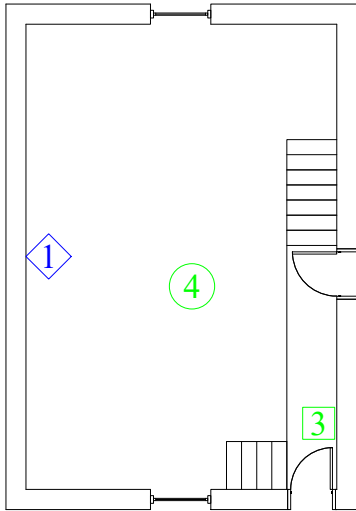
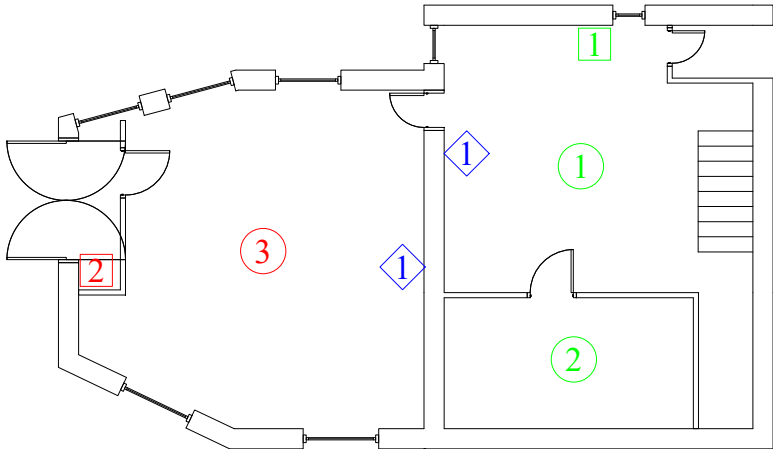
### 16 OVER A 12 MONTH PERIOD - SCHEDULE OF ITEMS TESTED

✓	Switch mechanism of every manual call point	✓	CIE manufacturer's annual checks and tests carried out
✓	Fire alarm devices checked for correct operation	N/A	Radio signal strengths checked for adequacy
✓	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	✓	Standby power supply capacity checked
		✓	Checks recommended by manufacturers of other components of system carried out

### 17 ADDITIONAL CHECKS UPON CHANGE OF SERVICING ORGANISATION

N/A	Adequate number of call points (Clause 20.2)	N/A	Standby power supplied provided
N/A	Adequate provision of fire detection for the category of system	N/A	Standby power supplies comply with Clause 25.4
N/A	Sound pressure levels comply with Clause 16.2	N/A	Exposure to false alarms is not excessive (see Section 3)
N/A	Changes in use, layout or construction of the premises have not reduced system effectiveness	N/A	Experience to false alarms is not excessive (see Section 3)
N/A	Cabling has fire resistance complying with Clause 26.2	N/A	Existing records checked
N/A	Circuits monitored in compliance with Clause 12.2	N/A	Log book available. (If not available, a suitable log book should be provided by the servicing organisation). (See Clause 48.2)
N/A	Requirements of BS 7671 are met (Clause 29)		

# DETECTORS CPS AND SOUNDERS



- CALL POINTS 1
- DETECTORS 1
- CALL POINTS 2
- DETECTORS 2
- BELL 1 1



TITLE				DEMETER SEEDS A4 PLANS	
SIZE	BY	DWG NO	REV		
A	JT				
SCALE	NOT TO SCALE		SHEET		

