

FIRE DETECTION AND FIRE ALARM SYSTEM INSTALLATION CERTIFICATE

Base on the recommendations given in BS 5839-1: 2017 'Fire detection and fire alarm systems for buildings. Code of practice for design, installation, commissioning and maintenance of systems in non-domestic premises'

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

| DETAILS OF THE CONTRACTOR | DETAILS OF THE CLIENT | DETAILS OF THE INSTALLATION |
|--|---|---|
| Trading Title (where applicable): LD Electrical | Reference Number (RN): N/A | Occupier: HMO Property |
| Name: N/A | Name: Ellora Estates Ltd | Address: 109 Tennyson Road, Kings Lynn, Norfolk |
| Address: 2 Mitchells Way, Narborough, KING'S LYNN, Norfolk | Address: 55 Beverley Gardens, Hornchurch, Essex | |
| Postcode: PE32 1NZ Tel No: 07767157700 | Postcode: RM11 3NX Tel No: N/A | Postcode: PE30 5PA Tel No: N/A |

PART 2 : DETAILS OF THE FIRE DETECTION AND FIRE ALARM SYSTEM COVERED BY THIS CERTIFICATE

Description and extent of the system covered by this certificate: The system is – **New:** (.....) or **Modification:** (.....)

Install additional zone for new extension and upgrade existing fire alarm system. Fire alarm grade A, System LD1

PART 3 : INSPECTION AND TESTING OF WIRING SYSTEM(S)

(tick bracket or insert 'N/A' (Not Applicable), as appropriate)

Wiring has been tested in accordance with the recommendations of Clause 38 of BS 5839-1.

| Insulation resistance tests | Supply circuit(s) tests | Test(s) required by manufacturer (if any) |
|--|--|--|
| Between conductors: (..... <input checked="" type="checkbox"/>) | Earth continuity: (..... <input checked="" type="checkbox"/>) | Maximum circuit resistance: (..... <input checked="" type="checkbox"/>) |
| Between live conductors and Earth: (..... <input checked="" type="checkbox"/>) | Earth fault loop impedance: (..... <input checked="" type="checkbox"/>) | Other tests: (.....N/A) |
| Between live conductors and screen, if any: (..... <input checked="" type="checkbox"/>) | | |

Test results* recorded on additional numbered pages and provided to: (See additional page No(s).....None) N/A

* The results of all tests must be recorded on additional numbered page(s) and made available to the organisation responsible for the commissioning of the system.

PART 4 : CERTIFICATION OF INSTALLATION

I/We being the competent person(s) responsible (as indicated by my/our signatures) for the installation of the fire alarm system, particulars of which are set out in PART 2, CERTIFY that the said installation for which I/we have been responsible complies to the best of my/our knowledge and belief with the design specification in PART 5 and with the recommendations of Section 4 of BS 5839-1: 2017, except for the variations (see BS 5839-1, Clause 7), if any, stated in this certificate.

Variations from the specification and/or Section 4 of BS 5839-1: (See additional page No.....N/A) N/A

The extent of liability of the signatory is limited to the system described in PART 2.

Name (capitals): LINAS DARKINTAS


Signature: 

Position: Director

Date: 30/05/2022

Reviewed by

Name (capitals): LINAS DARKINTAS

Signature: 

Position: Director

Date: 30/05/2022

PART 5 : RELATED REFERENCE DOCUMENTS

| | | |
|---|--|---|
| Design Specification: (Ref No N/A.....) | Electrical Installation Certificate: (Ref No 30473585.....) | Operating and Maintenance Instructions: (Ref No on site.....) |
| Design Drawings: (Ref No N/A.....) | Fire Alarm Design Certificate: (Ref No N/A.....) | Log Book: (Ref No on site.....) |
| 'As Fitted' Drawing: (Ref No N/A.....) | <i>Unless supplied by others, the 'as fitted' drawings have been supplied to the person responsible for commissioning the system (see Clause 36.2m) of BS 5839-1: 2017</i> | Purchase Specification: (Ref No on site.....) |

NOTES FOR RECIPIENT

THIS CERTIFICATE IS AN IMPORTANT AND VALUABLE DOCUMENT WHICH SHOULD BE RETAINED FOR FUTURE USE

This certificate has been issued to confirm that the fire detection and fire alarm system to which it relates has been **installed** in accordance with the recommendations given in:

- *BS 5839-1: Fire detection and fire alarm systems for buildings - Part 1: Code of practice for design, installation, commissioning and maintenance of systems in non-domestic premises.* and in accordance with the requirements given in:
- *BS 7671 Requirements of Electrical Installations* (as amended).

This certificate consists of one or more pages. It should be read in conjunction with the additional documents identified in PART 5 'Related Reference Documents' and an Electrical Installation Certificate issued to confirm that the electrical installation to which it relates has been designed, constructed, inspected, tested and verified in accordance with *BS 7671* (as amended). It is part of a suite of documentation to be provided to you, the recipient, and it should be passed to the user or purchaser of the system.

Persons offering to design, install, commission, accept, verify, alter, maintain or inspect and service fire detection and fire alarm systems have a duty in law to ensure that all their supervisors and operatives given responsibility for such work are competent. This includes having a full understanding of all the technical and operational requirements relating to fire detection and alarm systems.

Note that BS 5839-1 defines a competent person as a, 'person with the relevant current training and experience, and with access to the requisite tools, equipment and information, and capable of carrying out a defined task.

This certificate is intended to be issued only for the installation work associated with a new fire detection and fire alarm system or for installation work associated with a modification to an existing system (an alteration or an extension).

You should have received the certificate marked 'Original' and the organisation responsible for the installation of the fire detection and fire alarm system should have retained the certificate marked 'Duplicate'. This certificate is a valuable document and should be retained for future use as you may, subsequently, rely on this certificate as evidence of compliance with legislation. If you were the person ordering the work but not the user of the system, you should pass this certificate, or a full copy of it including all the related reference documents immediately to the user.

The 'Original' certificate should be retained in a safe place and shown to persons responsible for commissioning, accepting, servicing, modifying or using the fire detection and fire alarm system. If you later vacate the property or building this installation certificate will demonstrate to the new premises management that the installation of the fire detection and fire alarm system complied with the recommendations of *BS 5839-1* and with the specification (except for any variations noted in PART 4) at the time the certificate was issued.

PART 1 : Details of the Contractor, Client and Installation

Information presented in the fields should clearly identify the contractor responsible for installing the fire detection and fire alarm system and completing this certificate, the client and the location of the fire detection and fire alarm system.

PART 2 : Details of the Fire Detection and Fire Alarm System

Information presented in the fields should clearly identify the extent of the fire detection and fire alarm system and whether the system is new or a modification (i.e. an alteration to or an extension of an existing fire detection and fire alarm system).

PART 3: Inspection and Testing of Wiring Systems

On completion of the installation of a fire detection and fire alarm system or a modification to an existing fire detection and fire alarm system, appropriate inspection and testing should have been carried out to confirm that the requirements and recommendations of the applicable Standards (which include *BS 5839-1* and *BS 7671*, as amended) have been met. In meeting the recommendations of *BS 5839-1*, the installer should have carried out tests on the wiring, or sections of the wiring, to confirm the integrity of the cable insulation and the adequacy of earthing. The results of these tests should be recorded in this Section of the certificate.

A '✓' in the appropriate bracket indicates that the corresponding test has been performed and that the results are satisfactory. For any tests that are inappropriate, N/A meaning 'Not Applicable' should have been entered. Additional tests, such as the maximum circuit impedance, may be specified by the system manufacturer and should be recorded by ticking the bracket marked 'Other' and recording the results with other test results on additional numbered pages, which should be given to you, the recipient.

The results of the inspection and testing should be made available to the organisation responsible for commissioning the system.

PART 4 : Certification of Installation

The contractor should have provided their details (name, signature, position within the organisation and dated the certificate), and recorded any variations from *BS 5839-1*. Variations may have been necessary during the installation phase of the fire detection and fire alarm system, which should be listed in the space provided and, if necessary, on additional number sheets and appended to this installation certificate).

PART 5 : Related Reference Documents

All relevant documentation should have been handed over to you, the recipient, and it should be passed to the user or purchaser of the system. For each document handed over, its unique reference number should be inserted within the space provided ensuring a transparent audit trail.

The 'as fitted' drawings that the contractor should have issued to you should, as a minimum, indicate the position of:

- all control, indicating and power supply equipment
- all equipment that may require routine attention or replacement, and
- all manual call points, fire detectors and fire alarm devices
- the type, sizes and actual routes of cables.

(unless it has been agreed that the provision of 'as-fitted' drawings is to be the responsibility of others).

Certificate adapted from BS 5839-1: 2017 with the permission of BSI under licence number 2002SK/0342.
Complete British Standards can be obtained from BSI Customer Services, 389 Chiswick High Road, London, W4 4AL.