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SimpleCerts

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Customisable certificate name.

Your logo here

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Certificate of Design for the Fire Detection and Fire Alarm System

Industry body logo here

Add logos for industry bodies. With permission of rights holder.

Certificate Number: FD015

JOB NUMBER REFERENCE : 41999

Client name and address	Site name and address
Tes T Customer	Mrs Demi Onstration
Unit 10 Justin Business Park Sandford Lane	1 St. Georges House Vernon Gate
Wareham, Dorset, United Kingdom	Derby, Derbyshire, United Kingdom
BH20 4DY	DE1 1UQ
Tel : 01254238672	**Tel :** 07821668450

System Type:	CF - System Type		
Category:	CF - System Cat		
Signalling Type:	CF - Sig Type		
ARC:	CF - ARC	**CHIP:**	CF - CHIP

Description of the system designed

Test Reading - 2

Certification of design

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

Colours configurable to match your brand.

Name (in block letters):	James Haworth	**Position:**	Director
Signature:	James Haworth	**Date:**	06/10/2022
Company registration number:	Test-BAFE ID-123		

Variations from the recommendations of Section 2 of BS 5839-1:2017 (see BS 5839-1:2017, Clause 7):

Test Reading - 6

Configurable Filenames. Including date, job no and custom text.

Page in landscape or portrait orientation.

Extent of system covered by this certificate:

Test Reading - 1

Brief description of areas protected (not applicable for Category M, L1 or P1 systems):

Test Reading - 3

Measures incorporated to limit false alarms. Account has been taken of the guidance contained in Section 3 of BS 5839-1:2017 and, more specifically (tick as appropriate):

✗ The system is manual. Type and siting of manual call points takes account of the guidance contained in Section 3 of BS 5839-1:2017.

✓ The system incorporates automatic fire detectors, and account has been taken of reasonably foreseeable causes of unwanted alarms, particularly in the selection and siting of detectors.

✗ An appropriate analogue system has been specified.

✓ An appropriate multi-sensor system has been specified.

✗ A time-related system has been specified. Details: Test Reading - 4

✓ Fire signals from automatic fire detectors result initially in a staff alarm, which delays a general alarm/transmission of signals to an alarm receiving centre (delete as applicable) for Test Reading - 5 min.

✗ Appropriate guidance has been provided for the user to enable limitation of false alarms.

Other measures as follows : Test Reading - 7

Installation and commissioning

It is strongly recommended that installation and commissioning be undertaken in accordance with the recommendations of Section 4 and Section 5 of BS 5839-1:2017 respectively.

Soak test

In accordance with the recommendations of 35.2.6 of BS 5839-1:2017, it is recommended that, following commissioning, a soak period of Test Reading - 8 should follow. (Enter a period of not less than one week.)

✓ As the system incorporates no more than 50 automatic fire detectors, no soak test is necessary to satisfy the recommendations of BS 5839-1:2017.

Verification

Verification that the system complies with BS 5839-1:2017 should be carried out, on completion, in accordance with Clause 43 of BS 5839-1:2017:

Yes No To be decided by the purchaser or user

Maintenance

It is strongly recommended that, after completion, the system is maintained in accordance with Section 6 of BS 5839-1:2017.

User responsibilities

The user should appoint a relevant member of the premises management to supervise all matters pertaining to the fire detection and fire alarm system in accordance with the recommendations of Section 7 of BS 5839-1:2017

Related reference documents	Test Reading - 12

Battery design calculation in mA

Standby current	Standby hours	Current in an alarm condition	Battery degradation	Required battery size
0.2	24	0.6	1.25	6.75

