580549 **EPG6**

EMERGENCY LIGHTING PERIODIC INSPECTION AND TESTING CERTIFICATE – For certifying continued compliance of an existing emergency lighting installation

Based on the recommendations given in BS 5266-1: 2016 'Emergency lighting – Part 1: Code of practice for the emergency lighting of premises'

Original (to the person ordering the work)

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

DETAILS OF THE CONTRACTOR

Trading Title(where applicable):

Name: Areton LTD

Address: Rear of 68 Harold St Grimsby DN32 7NQ, UK

Postcode: DN32 1NQ Tel No:

DETAILS OF THE CLIENT

Reference Number (RN):

Name: Andreas Russo

Address: 63 Canwick Rd Lincoln LN5 8HE, UK

Postcode: LN5 8HE Tel No: N/A

DETAILS OF THE INSTALLATION

Occupier: TENANTS

Address: 63 Canwick Rd Lincoln LN5 8HE, UK

Postcode: LN5 8HE Tel No: N/A

PART 2 : DETAILS OF THE EMERGENCY LIGHTING INSTALLATION COVERED BY THIS CERTIFICATE

Description and extent of the installation covered by this certificate: (see additional page No. N/A)

EMERGENCY LIGHTING WITHIN THE ESCAPE ROUTES OF THE PROPERTY.

PART 3 : CERTIFICATION

I hereby certify that the emergency lighting system described in PART 2 above, has been inspected and tested and in accordance with the 'Results of the Inspection and Testing' on page 2, and to the best of my/our knowledge and belief, the installation complies with the appropriate recommendations and requirements of BS 5266-1: 2016 Emergency lighting Part 1: Code of practice for the emergency lighting of premises and BS EN 50172:2004 / BS 5266-8: 2004 BS 1838: 2013 Lighting applications - Emergency escape lighting systems, except for the deviations, if any, recorded in PART 4.

Name (capitals): Andreas Russo Signature: Andreas Russo Position: Test Engineer Date: 16-01-2024

PART 4 : DETAILS OF DEVIATIONS FROM THE RECOMMENDATIONS OF BS 5266-1

Clause No.	Details of the deviations (see additional page No. N/A)
	NONE

PART 5 : RELATED REFERENCE DOCUMENTS

Electrical Installation Condition Report and/or date of most recent - covering the existing emergency lighting installation**

(Report No: (64) Date: 29 /06 /2019

Other documents (if any) (see additional page No.)

State: N/A (Ref No: N/A)

*** The wiring system of an existing emergency lighting system should have been periodically inspected and tested in accordance with BS 7671 and an Electrical Installation Condition Report issued. Where applicable and where available, the serial number and/or date of the most recent report should be recorded in the space provided.*

PART 6 : NEXT INSPECTION

I, the signatory in PART 3 RECOMMEND that this installation is further inspected and tested after an interval of not more than: 12 MONTHS

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EMERGENCY LIGHTING PERIODIC INSPECTION AND TESTING CERTIFICATE – SCHEDULE OF ITEMS INSPECTED AND TESTED

Based on the recommendations given in BS 5266-1: 2016 'Emergency lighting – Part 1: Code of practice for the emergency lighting of premises'

Original (to the person ordering the work)

PART 7 : INSTALLED EMERGENCY LIGHTING SYSTEM (Tick all applicable fields and enter text as appropriate)

Purpose of emergency lighting		Arrangement of emergency lighting	
Emergency escape lighting:	(✓)	Self-contained emergency lighting:	(✓)
Emergency safety lighting:	(✓)	Central battery system:	(✓)
Open area lighting:	(N/A)	Combined emergency luminaire	(N/A)
Standby lighting:	(N/A)	Standby generator:	(N/A)
Partial standby lighting:	(N/A)	Other (state):	
High risk task area lighting:	(✓)		

Classification of operation of emergency lighting (see Annex F of BS 5266-1: 2016) (see additional page No. N/A)

Type	Mode	Facilities	Duration

PART 8 : RESULTS OF INSPECTION AND TESTING (Where a declared outcome is identified by an 'X', the details of the deviation must be accurately recorded on page 1 (PART 4) and where required, page 3 (PART 10))

' ✓ indicates that an item (Clause No.) was assessed and the declaration outcome was SATISFACTORY; ' ✕ dicates that a deviation was identified; 'N/A' indicates that the assessment of an item was NOT APPLICABLE to the particular installation

Clause No.	Items assessed for compliance	Declared outcome
4.2	1 – Plans are available and correct	(✓)
5.2.5; 5.2.6	2 – Adequate illumination is provided under test conditions, for safe movement on escape routes and open areas This can be checked by visual inspection and checking that the illumination from the luminaires is not obscured and that minimum design spacings have been met. If luminance is measured, complete PART 9	(✓)
4.2; 5.2.8	3 – Luminaires correctly positioned and oriented as shown on the plans	(✓)
11	4 – Original design still valid	(✓)
5.3.3	5 – All escape route safety signs and other safety signs, such as fire fighting equipment location signs visible with the normal lighting extinguished	(✓)
5.2.8	6 – Correct application and siting of emergency escape lighting	(✓)
7.4	7 – Luminaires conform to BS EN 60598-2-22	(✓)
6.7	8 – Luminaires have an appropriate Ingress Protection (IP) rating for their location	(✓)
8	9 – Wiring systems comply with the requirements of BS 7671, as amended	(✓)
8.2	10 – Fire protection of central wiring systems satisfactory (including cable supports)	(✓)
8.2.6	11 – Emergency escape lighting circuits correctly segregated from other supplies	(✓)
8.2.12	12 – Wiring to emergency lighting supply power sources in a fixed installation,where a specialist plug and socket arrangement is used, is protected against unauthorised interference	(✓)
8.3.3	13 – A sufficient number of suitably located test facilities are provided	(✓)
8.3.5	14 – Central power system output voltage range is compatible with the supply voltage range of the luminaires, taking into account supply cable voltage drop	(✓)

Please see the 'Notes for Recipient'

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EMERGENCY LIGHTING PERIODIC INSPECTION AND TESTING CERTIFICATE – SCHEDULE OF ITEMS INSPECTED AND TESTED

Based on the recommendations given in BS 5266-1: 2016 'Emergency lighting – Part 1: Code of practice for the emergency lighting of premises'

Original (to the person ordering the work)

PART 8 : RESULTS OF INSPECTION AND TESTING - Continued (Where a declared outcome is identified by an 'X', the details of the deviation must be accurately recorded on page 1 (PART 4) and where required, page 3 (PART 10))

' ✓ ' indicates that an item (Clause No.) was assessed and the declaration outcome was SATISFACTORY; ' X ' dicates that a deviation was identified; 'N/A' indicates that the assessment of an item was NOT APPLICABLE to the particular installation

Clause No.	Items assessed for compliance	Declared outcome
10.6	15 – Instructions for operation and maintenance are available	(✓)
11	16 – Test records in the log book complete and satisfactory	(✓)
10.6; 10.7; 11	17 – Instructions together with a suitable log book showing a satisfactory commissioning test available for use by the building occupier	(✓)
12	18 – Luminaires tested and found to operate for their full rated duration	(✓)
	23 – After test, each luminaire charging indicator operates correctly	(✓)
	19 – Luminaires clean and undamaged with lamps in good condition	(✓)
10.7; 13	20 – Building occupier and their staff trained on suitable maintenance, testing and operating procedures, or a current maintenance contract is in place	(N/A)
13.3.2	21 – Evidence of servicing of Central Battery System (in line with manufacturer's procedures); in-house or current maintenance contract is in place	(✓)
13.3.3	22 – Evidence of servicing of Standby Generator System (in line with manufacturer's procedures); in-house or current maintenance contract is in place	(N/A)

PART 9 : TEST INSTRUMENTS USED (Where Item 2 in PART 8 is carried out by measurement, details of instruments MUST be recorded)

Light Meter Model: (EXTECH LT505) | Other (if any) Model: (N/A) Serial No: (N/A)

PART 10 : ADDITIONAL DETAILS OF DEVIATIONS FROM THE RECOMMENDATIONS OF BS 5266-1

Clause No.	Additional details of deviations (continuation of PART 4, page 1)	(see additional page No. N/A)

PART 11 : DETAILS ON ALTERNATIVE METHOD USED TO VERIFY ILLUMINATION REQUIREMENT

Where applicable: (see additional page No. N/A)

N/A

EMERGENCY LIGHTING PERIODIC INSPECTION AND TESTING CERTIFICATE –
For certifying continued compliance of an existing emergency lighting installation

Original (to the person ordering the work)

ADDITIONAL NOTES

THIS INSTRALLATION IS SATISFACTORY.

(see additional page No. N/A)

NOTES FOR RECIPIENT

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

This 'Emergency Lighting Periodic Inspection and Testing Certificate' consists of three pages. The absence of any

The Emergency Lighting Periodic Inspection and Testing Certificate is to be issued only for the periodic inspection and testing of an existing emergency lighting installation to verify compliance with the current standard of BS 5266-1.

The certificate must not be issued for any of the following purposes:

a. to certify a new emergency lighting installation, or

b. new work associated with an alteration, or

c. an addition to an existing emergency lighting installation, or

d. for the verification of an existing installation where no documentation is available for compliance with the current edition of the Code of Practice.

This certificate has been issued to provide supporting evidence (along with the client's current 'Fire Risk Assessment'), to enable the competent person, acting on behalf of the Responsible Person for the premises, to continue to declare, that the existing emergency lighting system to which it relates has been inspected and tested in accordance with the appropriate recommendations and requirements given in BS 5266-1: 2016 Emergency Lighting Part 1: 2016 Code of practice for the emergency lighting of premises, BS EN 1838: 2013 Lighting applications – Emergency lighting, and BS EN 50172: 2004/ BS 5266-8: 2004 Emergency lighting systems, to verify that the emergency lighting installation continues to comply with these standards.

You should have received the certificate marked 'Original' and the contractor should have retained the certificate marked 'Duplicate'. This certificate is a valuable document and should be retained for future reference for the purpose of providing evidence of properly maintaining the emergency lighting installation. If you were the person ordering the work, but not the user of the installation, you should pass this certificate, immediately to the Responsible Person for the premises.

The 'Original' certificate should be retained in a safe place and shown to any person inspecting or undertaking further work on the emergency lighting installation in the future. If you later vacate the property or building, this certificate will demonstrate to the new Responsible Person that the emergency lighting installation complied with the emergency lighting standards detailed in the certificate, and with BS 7671: Requirements for Electrical Installations (as amended), at the time the certificate was issued (if accompanied with a current 'Electrical Installation Condition Report' on the electrical installation, as prescribed by BS 7671, as amended). If there is a change of use of the building or a change in occupancy, a new 'Fire Risk Assessment' should be carried out.

Page 1 of the certificate

Provision is made (PART 1) for the contractor's trading title, address, the name and signature of the person certifying the periodic inspection and testing of the emergency lighting installation.

PART 4 is provided for recording details of all deviations from BS 5266-1 found during the inspection and testing of the emergency lighting installation. PART 10 of page 3 provides additional space for use, if required, to adequately record any deviation from BS 5266-1.

Provision is made (PART 5) for recording the previous 'Electrical Installation Condition Report' serial number (where applicable) and any other related reference documents for the emergency lighting installation.

For safety reasons, the emergency lighting installation will need to be re-inspected and tested by a competent person at appropriate intervals. Provision is made in PART 6 'Next Inspection' to record a recommendation that the emergency lighting installation should be inspected and tested at a specified interval, in accordance with clause 7.2 of BS EN 50172: 2004/BS 5266-8: 2004 and the 'Fire Risk Assessment' for the premises. The standard recommends that you engage the services of a competent contractor for this purpose. Additionally, inspections will be required to be undertaken by the Responsible Person for the premises on daily, monthly and annual basis, in accordance with BS 5266-1 and recorded in the emergency lighting test log book.

Page 2 of certificate

PART 7 provides fields for the contractor to record system information on the purpose, installation arrangements and the classification of operation of the installed emergency lighting system.

Provision is also made (PART 8 'Results of Inspection and Testing') for the result of each of the prescribed inspections and tests to be separately recorded. All the outcome brackets should have been completed by the insertion of a tick ' ', to indicate compliance, an ' ' to indicate a deviation or 'N/A' meaning Not Applicable, as appropriate.

Should the person ordering the periodic inspection and testing of the emergency lighting installation (e.g. the client, as identified on Page 1 of this certificate), or the Responsible Person for the premises have reason to doubt the accuracy of this certificate, in the first instance the specific concerns should be raised in writing with the contractor.

Page 3 of certificate

Where a test instrument has been used, for example, to measure the illuminance provided by the emergency lighting installation, a record of the model and serial number should have been recorded in the spaces provided in PART 9. Where no instrument has been used, the entries for 'Light Meter and Other (if any)' should read 'None'. The contractor should provide details of the alternative method used to verify the required illuminance levels within PART 11.

Where there is insufficient space on page 1 (PART 4) to record all the deviations from BS 5266-1 the details of additional deviations should be recorded in PART 10.

EMERGENCY LIGHTING PERIODIC INSPECTION AND TESTING CERTIFICATE

GUIDANCE FOR THE CONTRACTORS

The Emergency Lighting Periodic Inspection and Testing Certificate consists of three pages. The absence of any of these pages would render the certificate invalid. The three pages marked 'Original' should be issued to the person ordering the work, and those marked 'Duplicate' should be retained by the contractor for record purposes.

General

The Emergency Lighting Periodic Inspection and Testing Certificate is to be issued only for the periodic inspection and testing of an existing emergency lighting installation to verify compliance with the current Code of Practice BS 5266-1: 2016.

The certificate must not be issued for the following purposes:

a. to certify a new emergency lighting installation, or

b. new work associated with an alteration, or

c. an addition to an existing emergency lighting installation, or

d. for the verification of an existing installation (installed to a previous edition of BS 5266-1) for compliance with the current edition of the Code of Practice.

Those undertaking the periodic inspection and testing of an emergency lighting system must have access to the principal technical reference documents relating to emergency lighting systems, and correctly and consistently apply the principles set out in those documents.

Such documents include:

- *BS 5266: Part 1: 2016 Code of practice for the emergency lighting of premises*
- *BS EN 1838: 2013 Lighting applications. Emergency lighting*
- *BS EN 50172: 2004/BS 5266-8: 2004 Emergency escape lighting systems*
- *BS 7671: Requirements for Electrical Installations (as amended)*
- *The appropriate building and Electricity at Work Regulations.*

This Emergency Lighting Periodic Inspection and Testing Certificate provides continued supporting evidence (along with the client's current 'Fire Risk Assessment') to enable the person responsible for the safety of the installation the 'Responsible Person' to confirm that the emergency lighting system has been inspected and tested, and continues to comply with the appropriate recommendations and requirements given in BS 5266-1, BS EN 1838: 2013 and BS EN 50172: 2004/BS 5266-8: 2004, if accompanied by the relevant 'Electrical Installation Condition Report' on the electrical installation, as prescribed by BS 7671 (as amended).

Completing the Certificate

All data-entry fields must be completed by inserting the information required.

Page 1

PART 1 : DETAILS OF THE CONTRACTOR, CLIENT AND INSTALLATION

The information provided should fully and uniquely identify the contractor responsible for undertaking the periodic inspection and testing of an existing emergency lighting system, the client and the address where the emergency lighting system is installed. The field named 'Reference Number (RN)' within CLIENT details is provided so the contractor can assign a reference to the particular job/contract. Otherwise 'None' should be inserted.

PART 2 : DETAILS OF THE EMERGENCY LIGHTING INSTALLATION COVERED BY THIS CERTIFICATE

Information presented in the fields should clearly identify the extent of the emergency lighting installation to which the certificate relates.

PART 3 : CERTIFICATION

The name and signature of the contractor responsible for the periodic inspection and testing of the existing emergency lighting installation is required, to certify that the emergency lighting system complies with the relevant requirements and recommendations of BS 5266-1: 2016, BS EN 50172: 2004 and BS EN 1838: 2013.

PART 4 : DETAILS OF DEVIATIONS FROM THE RECOMMENDATIONS OF BS 5266-1

Where deviations from the current version of BS 5266, Part 1 have been identified, the relevant clause number reference should be entered in this part, along with details of the deviation. If no deviations are identified, enter 'None' in this part and in PART 10 on page 3. Where additional information has been provided in PART 10 on page 3, this should be indicated in PART 4.

PART 5 : RELATED REFERENCE DOCUMENTS

Details of the most recent Electrical Installation Condition Report (as prescribed by BS 7671: Requirements for Electrical Installations, as amended) covering the existing emergency lighting electrical installation, must be entered in this part.

Where other documents are required by the Client, or have otherwise been provided, these may be identified in the space provided (Other documents, if any), or by reference out to a separate attached page.

PART 6 : NEXT INSPECTION

The date of the next inspection and test should be agreed between the contractor and the person responsible for the safety of the premises and the agreed time interval having considered clause 7.2 of BS EN 50172: 2004 and the 'Fire Risk Assessment' must be inserted. In no circumstances should 'N/A' (or 'Not Applicable') be inserted in this field.

Page 2

PART 7 : INSTALLED EMERGENCY LIGHTING SYSTEM

Purpose of installed emergency lighting system

This part must be completed by entering a tick ( ) in the brackets that identify the purpose of the emergency lighting system, 'N/A' must be entered in the remaining brackets.

Emergency lighting installation arrangement

This section must be completed by entering a tick ( ) in the brackets that identify the installation arrangement of the emergency lighting system, 'N/A' must be entered in the remaining brackets.

Classification of operation of emergency lighting system

Details of the categories of operation of the system must be entered in this part, based on the format recommended in BS 5266-1: 2016 Annex F.

Page 2 & 3 – Schedule of Items Inspected and Tested

PART 8 : RESULTS OF INSPECTION AND TESTING

The inspection and testing checklist must be completed by the contractor responsible for carrying out the inspection and testing. The items contained in the checklist should be assessed, and the outcome declared in the column on the right.

Compliance with the recommendations or an itemised clause is confirmed by inserting a tick ( ) while a deviation is indicated by inserting an ' '. Where an 'X' is inserted, details of the deviation should be recorded accurately (PART 4 and where required, PART 10) in the certificate. Where an item is not applicable, enter 'N/A' in the relevant field.

Page 3

PART 9 : TEST INSTRUMENTS USED

Where verification of the required illuminance (item 2 of the schedule) is undertaken by measurement the model and serial number of the test instrument(s) used should be recorded in the field provided. Where other methods have been used the fields must be completed by entering 'None'.

PART 10 : ADDITIONAL DETAILS OF DEVIATIONS FROM THE RECOMMENDATIONS OF BS 5266-1

If no additional deviations are carried forward from PART 4 of page 1 of the certificate then 'None' should be entered in this part.

PART 11 :DETAILS ON ALTERNATIVE METHOD USED TO VERIFY ILLUMINATION REQUIREMENT

This part must be completed where the person carrying out the inspection and test has used an alternative method of measurement to verify the adequate illumination provided for safe movement on the escape routes and open areas of the emergency lighting system. Examples of alternative methods are:

- Ensuring that the design is within the maximum spacing allowed by third party authenticated spacing tables for the appropriate light levels;
- Authenticated spacing data such as ICEL 1001 registered tables; or
- Calculation as detailed in Annex D of BS 7671, as amended and CIBSE/SLL Guide LG12; or
- Use of an appropriate computer design package which uses BSI or other nationally approved data.

If no alternative method of measurement is employed, this part should be completed by entering 'None'.