

# EMERGENCY LIGHTING PERIODIC INSPECTION AND TESTING CERTIFICATE

Contractors Reference Number

CRN/00104

Original (To the person ordering the work)

<b>A DETAILS OF THE CLIENT</b>		<b>PURPOSE OF CERTIFICATE</b>
Occupier/Client	NORTHERN IRELAND SCIENCE PARK QUEEN'S ISLAND BELFAST	To certify continued compliance of an existing installation <input checked="" type="checkbox"/>
	Postcode BT3	

<b>B DETAILS OF THE EMERGENCY LIGHTING INSTALLATION</b>		
Address	VISP. QUEEN'S ISLAND, BELFAST	
		Postcode BT3
Extent of the installation covered by this certificate	INNOVATION BUILDING CONCOURSE 1 CONCOURSE 2 LEGACY BUILDING PUMP HOUSE	

<b>C CERTIFICATION</b>		<i>* Delete as appropriate</i>	
Contractor responsible for carrying out the inspection and testing (address)	KML ELECTRICAL 11 GLASSMULLEN ROAD, GLENARIFF Postcode BT44 0QZ		
Trading title	KML ELECTRICAL	Telephone No	02821771953
<p>I/we* hereby certify that the emergency lighting system installation at the above premises has been inspected and tested by me/us* in accordance with the 'Results Schedule of items inspected and tested' on page 2, and to the best of my/our* knowledge and belief, the installation complies at the time of my/our* inspection and testing with the recommendations given in BS 5266-1: 2011 <i>Emergency lighting Part 1: Code of practice for the emergency escape lighting of premises</i> and BS EN 50172: 2004 / BS 5266-8: 2004 <i>Emergency escape lighting systems</i>, except as stated in section D.</p>			
Name (CAPITALS)	KEVIN McLOUGHLIN	Signature	<i>Kevin McLaughlin</i>
		Inspector	Date

<b>D DETAILS OF DEVIATIONS FROM THE CURRENT CODE OF PRACTICE</b>	
Clause No.	Details of deviations (Additional space to continue list is provided on page 3)
	NONE
Additional information has been supplied on page 3 Yes No <input checked="" type="checkbox"/>	

<b>E RELATED REFERENCE DOCUMENTS</b>	
Electrical Installation Condition Report No. and/or date of most recent - covering the existing emergency lighting installation - see Note 1	NA
Other documents (if any) please state	NA

<b>F NEXT INSPECTION</b>		<i>* Delete as appropriate</i>
I/We*, the person identified in C, RECOMMEND that this installation is further inspected and tested after an interval of not more than	5	1 year.

Notes: 1. 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.

This certificate is not valid unless accompanied by pages 1 and 3

**EPM4**

Contractors Reference Number

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## SCHEDULE OF ITEMS INSPECTED AND TESTED

Original (To the person ordering the work)

G PURPOSE OF INSTALLED EMERGENCY LIGHTING SYSTEM <span style="float: right;">Tick applicable box(es)</span>			
Emergency escape lighting	✓	Standby lighting	NA
Escape route lighting	✓	Partial standby lighting	NA
Open area lighting	NA	High risk task area lighting	NA

H EMERGENCY LIGHTING INSTALLATION ARRANGEMENT <span style="float: right;">Tick applicable box(es)</span>			
Self-contained emergency luminaire	✓	Combined emergency luminaire	✓
Central battery system	NA	Standby generator system	NA

I CLASSIFICATION OF OPERATION FOR EMERGENCY LIGHTING SYSTEM			
Type	Mode	Facilities	Duration
X	i	A	180

J RESULTS OF INSPECTION AND TESTING			Declared outcome*
Clause No.	Items assessed for compliance		
4.2	P1- Plans are available and correct	✓	
Clause 5	P2- Adequate illumination** is provided under test conditions, for safe movement on escape routes (1 lux minimum on the centre line) and in open areas (0.5 lux minimum)	✓	
6.6	P3- Luminaires correctly positioned and oriented as shown on the plans	✓	
Clause 10	P4- Original design still valid	✓	
5.4	P5- All escape route safety signs and other safety signs, such as fire fighting equipment location signs visible with the normal lighting extinguished	✓	
6.6	P6- Correct application and siting of emergency escape lighting	✓	
6.7	P7- Luminaires conform to BS EN 60598-2-22	✓	
6.7	P8- Luminaires have an appropriate Ingress Protection rating for their location	✓	
Clause 8	P9- Wiring systems comply with the requirements of BS 7671	✓	
8.2	P10- Fire protection of central wiring systems satisfactory (including cable supports)	NA	
8.2.6	P11- Emergency escape lighting circuits correctly segregated from other supplies	✓	
8.2.12	P12- Wiring to emergency lighting supply power sources in a fixed installation, where a specialist plug and socket arrangement is used, it is protected against unauthorised interference	NA	
8.3.3	P13- A sufficient number of suitably located test facilities are provided	✓	
8.3.5	P14- Central power system output voltage range is compatible with the supply voltage range of the luminaires, taking into account supply cable voltage drop	NA	
12.3	P15- Luminaires tested and found to operate for their full rated duration	✓	
10.6	P16- Instructions for operation and maintenance are available	✓	
Clause 11	P17- Test records in the log book complete and satisfactory	✓	
10.6; 10.7	P18- Instructions together with a suitable log book showing a satisfactory commissioning test available for use by the building occupier	✓	
Clause 12	P19- Luminaires clean and undamaged with lamps in good condition	✓	
10.7	P20- Building occupier and their staff trained on suitable maintenance, testing and operating procedures, or a current maintenance contract is in place	✓	
Clause 12	P21- Evidence of servicing of Central Battery System (in line with manufacturer's procedures); in-house or current maintenance contract is in place	NA	
12.1	P22- Evidence of servicing of Standby Generator System (in line with manufacturer's procedures); in-house or current maintenance contract is in place	NA	
12.2	P23- After test, each luminaire charging indicator operates correctly	✓	

\* Where an 'X' is inserted, the deviation must be recorded in Section D on page 1  
 \*\* 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  
 Notes: ✓ Indicates that an item was assessed and the declared outcome was satisfactory.  
 X Indicates that an item was assessed and a deviation was identified.  
 N/A Indicates that the assessment of an item was not applicable to the particular installation.

K TEST INSTRUMENTS USED <span style="float: right;">Where periodic requirement P2 is carried out by measurement, details of instruments MUST be recorded.</span>			
Instrument 1 (light meter) Model	Serial No.	Instrument 2 (if any) Model	Serial No.
LM1			

Notes: Because of the possibility of failure of the supply to the normal lighting occurring shortly after a period of testing, all tests should be undertaken at times of minimum risk. Alternatively, suitable temporary arrangements should be made until the batteries have been recharged.

Please see the 'Notes for Recipient' on the reverse of this page.

