

CERTIFICATE REFERENCE:

Sample

EMERGENCY LIGHTING PERIODIC INSPECTION AND TESTING CERTIFICATE

DETAILS OF THE CLIENT

Client
Address

Postcode

PURPOSE OF CERTIFICATE

To certify continued compliance
of an existing installation

DETAILS OF THE INSTALLATION

Address

Postcode

Extent of the
installation
covered by this
certificate

CERTIFICATION

Contractor responsible for carrying out the inspection and testing

Trading Title

Trading Address

Postcode

Telephone number

I/We hereby certify that the emergency lighting installation at the above premises, has been inspected and tested by me/us in accordance with the 'Schedule of Items Inspected and Tested' on page 2 and, to the best of my/our knowledge and belief, the installation at the time of my/our inspection and testing with the recommendations given in BS5266-1: 2005 'Emergency lighting Part 1: Code of Practice for the emergency lighting of premises, BS EN 1838: 1999/BS 5266-7:1999 Lighting applications-Emergency lighting' and BS EN 50172:2004/BS 5266-8:2004 'Emergency escape lighting systems', except as stated in the next section of this certificate

Name

(CAPITALS)

Signature

Inspector

Date

DETAILS OF DEVIATIONS FROM BS 5266 Part1: 2005

Requirement No.

Details of deviations. (continued on page 3)

Additional information has been supplied on page 3 (Tick box)

RELATED REFERENCE DOCUMENTS

Periodic Inspection Report No.and/or
date of most recent -covering the
existing emergency lighting installation
(See note 1)

Other documents (if any)
Please state

NEXT INSPECTION

Enter interval in accordance with Clause 7.2 of BS EN 50172: 2004 / BS 5266-8: 2004

I/We RECOMMEND that this installation is further inspected and tested after an interval of not more than

NOTES

- 1) The wiring system of an existing emergency lighting system should have been periodically inspected and tested in accordance with BS 7671 and a Periodic Inspection 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.
- 2) Full duration tests involve discharging the batteries, so the emergency lighting system will not be fully functional until the batteries have had time to recharge for this reason, always carry out testing at times of minimal risk, or only test alternative luminaires at any one time.

SCHEDULE OF ITEMS INSPECTED AND TESTED

PURPOSE OF INSTALLED EMERGENCY LIGHTING SYSTEM

Emergency escape lighting	<input type="checkbox"/>	Standby lighting	<input type="checkbox"/>
Escape route lighting	<input type="checkbox"/>	Partial standby lighting	<input type="checkbox"/>
Open area lighting	<input type="checkbox"/>	High risk task area lighting	<input type="checkbox"/>

EMERGENCY LIGHTING INSTALLATION ARRANGEMENT

Self-contained emergency luminaire	<input type="checkbox"/>	Combined emergency luminaire	<input type="checkbox"/>
Central battery system	<input type="checkbox"/>	Standby generator system	<input type="checkbox"/>

CATEGORIES OF OPERATION FOR EMERGENCY LIGHTING SYSTEM

Type	Mode	Facilities	Duration
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

RESULTS OF INSPECTION AND TESTING (BS:5266-1 clause reference and requirements)

See note 2 on page 1

Ref.	Requirements	
4.2	P1- Plans are available	<input type="checkbox"/>
6	P2- Under test conditions, adequate illumination provided for safe movement on the escape route and the open areas.	<input type="checkbox"/>
6.3	P3- Luminaire correctly positioned and oriented as shown on the plans.	<input type="checkbox"/>
6.3	P4- Original design still valid	<input type="checkbox"/>
6.6	P5- All escape route safety signs and fire fighting equipment location signs visible with the normal lighting extinguished.	<input type="checkbox"/>
7.8	P6- Correct application and siting of additional emergency lighting.	<input type="checkbox"/>
7.9	P7- Luminaires conform to BS EN 60598-2-22	<input type="checkbox"/>
7.9	P8- Luminaires have appropriate Ingress Protection rating for their location as specified in the system design.	<input type="checkbox"/>
9.1	P9- Wiring systems comply with the requirements of BS 7671	<input type="checkbox"/>
9.2	P10- Fire protection of central wiring system satisfactory	<input type="checkbox"/>
9.2.5	P11- Emergency circuits correctly segregated from other supplies.	<input type="checkbox"/>
9.2.12	P12- Wiring to emergency lighting supply power sources, all plugs and sockets protected against unauthorized use	<input type="checkbox"/>
9.3.3	P13- System has a suitable test facility for the application.	<input type="checkbox"/>
9.3.5	P14- Central power system output voltage range is compatible with supply voltage range of the luminaires, taking into account voltage drop.	<input type="checkbox"/>
10.1	P15- Luminaires tested and found to be appropriate for their full rated duration.	<input type="checkbox"/>
11.6	P16- Operation and maintenance.	<input type="checkbox"/>
12	P17- Test records in the log book complete and satisfactory.	<input type="checkbox"/>
12.3	P18- Instructions together with a suitable log book showing a satisfactory commissioning test available for use by the building occupier.	<input type="checkbox"/>
13	P19- Luminaires clean and undamaged with lamps in good condition	<input type="checkbox"/>
13	P20- Building occupier and staff trained on suitable maintenance, testing and operating procedures, or a suitable maintenance contract agreed.	<input type="checkbox"/>
13.2	P21- Evidence of servicing of Central Battery System (in line with manufacturers procedures); in-house or current maintenance contract in place.	<input type="checkbox"/>
13.3	P22- Evidence of servicing Standby Generator System (in line with manufacturers procedures); in-house or current maintenance contract in place.	<input type="checkbox"/>
13.4	P23- After test, the charging indicators operate correctly.	<input type="checkbox"/>

TEST INSTRUMENTS USED

Where requirement P2 is carried out by measurement, instrument details must be recorded.

Instrument 1 (light meter) Model	Serial No.	Instrument 2 (if any) Model	Serial No.
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

COMMENTS ON INSTALLATION AND FURTHER DETAILS OF DEVIATIONS FROM THE STANDARDS

COMMENTS (if any)

DETAILS OF DEVIATIONS FROM THE STANDARDS (continued from page 1)

ALTERNATIVE METHOD USED TO VERIFY ILLUMINATION REQUIREMENT P2

SCHEDULE OF CIRCUIT DETAILS FOR THE INSTALLATION

DISTRIBUTION BOARD DETAILS										
Location	<input style="width: 90%;" type="text"/>	Supplied from	<input style="width: 90%;" type="text"/>							
DB No.	<input style="width: 90%;" type="text"/>	Overcurrent protective device at supply to this Distribution Board	Phases	<input style="width: 80%;" type="text"/>	Voltage	<input style="width: 80%;" type="text"/>	V			
			Associated RCD	<input style="width: 90%;" type="text"/>						
		Type BS(EN)	<input style="width: 80%;" type="text"/>	Rating (A)	<input style="width: 80%;" type="text"/>	RCD No poles	<input style="width: 80%;" type="text"/>	I _n	<input style="width: 80%;" type="text"/>	mA

CIRCUIT DETAILS													
Circuit number and phase	Circuit Designation	Type of wiring (see code below)	Reference method	Number of points served	Circuit Conductors			Overcurrent Protective Devices				RCD	
					Live (mm ²)	cpc (mm ²)	Maximum permitted disconnection time (s)	BS(EN) & Type No.			Rated residual operating current (In) (mA)	Maximum permitted Zs (Ω)	
								Type No.	Rating (A)	Short circuit capacity (kA)			

This form is based on the recommendations of Appendix 6 of BS 7671: 2008

CODES FOR TYPE OF WIRING								
A	B	C	D	E	F	G	H	O (Other - please state)
PVC/PVC cables	PVC cables in metallic conduit	PVC cables in non metallic conduit	PVC cables in metallic trunking	PVC cables in non metallic trunking	PVC/SWA cables	XLPE/SWA cables	Mineral insulated cables	<input style="width: 90%;" type="text"/>

SCHEDULE OF TEST RESULTS FOR THE INSTALLATION

SOURCE DETAILS	TEST INSTRUMENTS																				
<p>Only required if not connected directly to the origin of the installation</p> <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <p><input type="checkbox"/> Confirmation of supply polarity</p> <p>Zs <input style="width: 60px;" type="text"/></p> <p>I_{pf} <input style="width: 60px;" type="text"/></p> </div> <div style="width: 45%;"> <p>Operating times of associated RCD</p> <table style="width: 100%; border: none;"> <tr> <td style="text-align: right; padding-right: 10px;">At 1xIn</td> <td><input style="width: 50px;" type="text"/></td> </tr> <tr> <td style="text-align: right; padding-right: 10px;">At 5 In</td> <td><input style="width: 50px;" type="text"/></td> </tr> </table> </div> </div>	At 1xIn	<input style="width: 50px;" type="text"/>	At 5 In	<input style="width: 50px;" type="text"/>	<table style="width: 100%; border: none;"> <tr> <td style="width: 20%;">(Serial numbers)</td> <td style="width: 30%;"><input style="width: 90%;" type="text"/></td> <td style="width: 10%;">RCD</td> <td style="width: 40%;"><input style="width: 90%;" type="text"/></td> </tr> <tr> <td>Earth loop impedance</td> <td><input style="width: 90%;" type="text"/></td> <td>Other</td> <td><input style="width: 90%;" type="text"/></td> </tr> <tr> <td>Insulation resistance</td> <td><input style="width: 90%;" type="text"/></td> <td>Other</td> <td><input style="width: 90%;" type="text"/></td> </tr> <tr> <td>Continuity</td> <td><input style="width: 90%;" type="text"/></td> <td>Other</td> <td><input style="width: 90%;" type="text"/></td> </tr> </table>	(Serial numbers)	<input style="width: 90%;" type="text"/>	RCD	<input style="width: 90%;" type="text"/>	Earth loop impedance	<input style="width: 90%;" type="text"/>	Other	<input style="width: 90%;" type="text"/>	Insulation resistance	<input style="width: 90%;" type="text"/>	Other	<input style="width: 90%;" type="text"/>	Continuity	<input style="width: 90%;" type="text"/>	Other	<input style="width: 90%;" type="text"/>
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Insulation resistance	<input style="width: 90%;" type="text"/>	Other	<input style="width: 90%;" type="text"/>																		
Continuity	<input style="width: 90%;" type="text"/>	Other	<input style="width: 90%;" type="text"/>																		

TEST RESULTS													
Circuit number and phase	Circuit impedances					Insulation resistance Record lower or lowest values				Polarity (✓)	Max measured Earth loop Impedance (Zs) (Ω)	RCD operating times	
	Ring final circuits only (Ω)			All circuits (Ω)		Phase/ Phase (MΩ)	Phase/ Neutral (MΩ)	Phase/ Earth (MΩ)	Neutral/ Earth (MΩ)			at 1xIn	at 5xIn
	r ₁	r _n	r ₂	R ₁ +R ₂ [*]	R ₂ [*]							(ms)	(ms)

This form is based on the recommendations of Appendix 6 of BS 7671: 2008

* Complete column 5 or 6

TESTED BY	
Signature _____	Position <input style="width: 100%;" type="text"/>
Name <input style="width: 100%;" type="text"/>	Date <input style="width: 100%;" type="text"/>