

EMERGENCY LIGHTING COMPLETION CERTIFICATE

For New Installations and Verification of Existing Installations

1454 - Master



Details of Client

Client: Study Inn Group

Address: 175 Corporation Street
Coventry, Warwickshire
CV1 1GU

Details of Installation

Occupier: Study Inn

Installation: Cambridge (Castle Court)

Address: Castle Court
Cambridge, Cambridgeshire
CM3 0AR

Type of Installation: New Addition Alteration Verification of Existing Installation

BSI Installation Category: Type Mode of Operation Facilities Duration (in minutes) For self-contained systems

Extent of the installation covered by this certificate: Emergency lighting in corridors and in fire escape stairways in Wings A, B, C, & D on the first, second, third and ground floors.

Essential related reference documents: Drawings C1454/E101, C1454/E102, C1454/E103 & C1454/E104

Particulars of Approved Contractor

Company: Countrywide Electrical Services Ltd

Address: Warwick House, 76 Summer Lane
Birmingham, West Midlands
B19 3NG

NICEIC Enrolment Number: 025209

Branch No.(If Applicable): 000

Responsible for (tick as appropriate)

Design Installation Verification

Declaration of Conformity

In consequence of acceptance of the appended declarations, I hereby declare that the emergency lighting system installation, or part thereof, at the above premises conforms, to the best of my knowledge and belief, to the appropriate recommendations given in BS 5266-1:2011, *Emergency lighting - Part 1: Code of practice for the emergency lighting of premises*, BS EN 1838:1999 *Lighting applications - Emergency lighting* and BS EN 50172:2004, *Emergency escape lighting systems*, as set out in the accompanying declarations, except as stated below/overleaf.

DEVIATIONS FROM STANDARDS

Declaration (Design, installation or verification)	Clause Number	Details of deviation

Engineer: John Lavery Qualification: Approved Electrician

Position: Foreman

Signature: Date: 26/08/2016

This Certificate is only valid when accompanied by current:

- a) Signed declaration(s) of design, installation and verification, as applicable (see overleaf).
- b) Photometric design data. This can be in any of the following formats but in all cases appropriate de-rating factors must be used and identified to meet worst case requirements.
 - Authenticated spacing data such as ICEL 1001 registered tables.
 - Calculations as detailed in Annex E and CIBSE/SLL Guide LG12.
 - Appropriate computer print of results.
- c) Test log book.

EMERGENCY LIGHTING DESIGN DECLARATION

For New Installations and Verification of Existing Installations

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Details of Client

Client	Study Inn Group
Address	175 Corporation Street Coventry, Warwickshire CV1 1GU

Details of Installation

Occupier	Study Inn						
Installation	Cambridge (Castle Court)						
Address	Castle Court Cambridge, Cambridgeshire CM3 0AR						
Type of Installation	<input checked="" type="checkbox"/> New	<input type="checkbox"/> N/A Addition	<input type="checkbox"/> N/A Alteration	<input type="checkbox"/> N/A Verification of Existing Installation			
BSI Installation Category	<input checked="" type="checkbox"/> X Type	<input type="checkbox"/> 0 Mode of Operation	<input type="checkbox"/> A Facilities	<input type="checkbox"/> 180 Duration (in minutes) For self-contained systems			

Particulars of Approved Contractor

Company	Countrywide Electrical Services Ltd	NICEIC Enrolment Number	025209
Address	Warwick House, 76 Summer Lane Birmingham, West Midlands B19 3NG	Branch No.(If Applicable)	000

Design Declaration of Conformity

BS 5266-1:2011 clause reference	Recommendations	System conforms (if No, record a deviation)		
		Yes	No	NA
4.2	D1 Accurate plans available showing escape routes, fire alarm control panel, call points and fire extinguishers	✓	N/A	N/A
5.4	D2 Fire safety signs in accordance with BS 5499-4, and other safety signs in accordance with BS ISO 7010, clearly visible and adequately illuminated	✓	N/A	N/A
6.7	D3 The luminaires conform to BS EN 60598-2-22	✓	N/A	N/A
6.6	D4 Luminaires located at following positions: (NOTE Near means within 2m horizontally)	✓	N/A	N/A
	a) At each exit door intended to be used in an emergency	✓	N/A	N/A
	b) Near stairs so each tread receives direct light, and near any other level change	✓	N/A	N/A
	c) Near mandatory emergency exits and safety signs	✓	N/A	N/A
	d) At each change of direction and at intersections of corridors	✓	N/A	N/A
	e) Outside and near to each final exit	✓	N/A	N/A
	f) Near each first aid post	N/A	N/A	✓
	g) Near fire-fighting equipment and call points	✓	N/A	N/A
6.3	D5 At least two luminaires illuminating each compartment of the escape route	✓	N/A	N/A
6.6.3 6.6.4 6.6.5 6.6.6 6.6.7	D6 Additional emergency lighting provided where needed to illuminate:	✓	N/A	N/A
	a) Lift cars	N/A	N/A	✓
	b) Moving stairways and walkways	N/A	N/A	✓
	c) Toilet facilities larger than 8m ² floor area or without borrowed light, and those for disabled use	N/A	N/A	✓
	d) Motor generator, control and plant-rooms	N/A	N/A	✓
9.1	D7 Design duration adequate for the application	✓	N/A	N/A
10.6; 10.7; Clause 11	D8 Operation and maintenance instructions and a suitable log book produced for retention and use by the building occupier	✓	N/A	N/A
5.1.1; 5.1.2	D9 Illuminance. Escape routes for any use: 1 lx min. on the centre line Open areas above 60 m ² : 0.5 lx min. anywhere in the core area	✓	N/A	N/A

Deviations from Standards (To be entered on Completion Certificate)

Clause Number	Details of deviation

In consequence of acceptance of the appended declarations, I hereby declare that the emergency lighting system installation, or part thereof, at the above premises has been Designed to the best of my knowledge and belief, to the appropriate recommendations given in BS-5266-1:2011, *Emergency lighting - Part 1: Code of practise for the emergency lighting of premises*, BS EN 1838:1999 *Lighting applications - Emergency Lighting* and BS EN 50172:2004, *Emergency escape lighting systems*, as set out in the accompanying declarations, except as stated below/overleaf.

Engineer	Pat Wemyess	Qualification	Design engineer
Position	Designer		
Signature		Date	26/08/2016

EMERGENCY LIGHTING

INSTALLATION DECLARATION

1454 - Master

For New Installations and Verification of Existing Installations

Details of Client

Client	Study Inn Group
Address	175 Corporation Street Coventry, Warwickshire CV1 1GU

Details of Installation

Occupier	Study Inn					
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BSI Installation Category	<input checked="" type="checkbox"/> X Type	<input type="checkbox"/> 0 Mode of Operation	<input type="checkbox"/> A Facilities	<input type="checkbox"/> 180 Duration (in minutes) For self-contained systems		

Particulars of Approved Contractor

Company	Countrywide Electrical Services Ltd	NICEIC Enrolment Number	025209
Address	Warwick House, 76 Summer Lane Birmingham, West Midlands B19 3NG	Branch No.(If Applicable)	000

Installation Declaration of Conformity

BS 5266-1:2011 clause reference	Recommendations	System conforms (if No, record a deviation)		
		YES	NO	NA
Clause 5	IN1 The system installed conforms to the agreed design	✓	N/A	N/A
6.1	IN2 All non-maintained luminaires fed or controlled by the final circuit supply of their local normal mains lighting	✓	N/A	N/A
6.4	IN3 Luminaires mounted at least 2 m above the floor	✓	N/A	N/A
6.4	IN4 Luminaires mounted at a suitable height to avoid being located in smoke reservoirs or other likely area of smoke accumulation	✓	N/A	N/A
5.4	IN5 Fire safety signs in accordance with BS 5499-4, and other safety signs in accordance with BS ISO 7010, clearly visible and adequately illuminated	✓	N/A	N/A
8.2	IN6 The wiring of central power systems has adequate fire protection and is appropriately sized	N/A	N/A	✓
8.3.5	IN7 Output voltage range of the central power system is compatible with the supply voltage range of the luminaires, taking into account supply cable voltage drop	N/A	N/A	✓
8.2.12	IN8 All plugs and sockets protected against unauthorised use	✓	N/A	N/A
8.3.3	IN9 The system has suitable and appropriate testing facilities for the specific site	✓	N/A	N/A
Clause 11	IN10 The equipment manufacturers' installation and verification procedures satisfactorily completed	✓	N/A	N/A
Clause 8	IN11 The system conforms to BS 7671	✓	N/A	N/A

Deviations from Standards (To be entered on Completion Certificate)

Clause Number	Details of deviation

In consequence of acceptance of the appended declarations, I hereby declare that the emergency lighting system installation, or part thereof, at the above premises has been installed to the best of my knowledge and belief, to the appropriate recommendations given in BS-5266-1:2011, *Emergency lighting - Part 1: Code of practise for the emergency lighting of premises*, BS EN 1838:1999 *Lighting applications - Emergency lighting* and BS EN 50172:2004, *Emergency escape lighting systems*, as set out in the accompanying declarations, except as stated below/overleaf.

Engineer	John Lavery	Qualification	Approved Electrician
Position	Foreman		
Signature		Date	26/08/2016

EMERGENCY LIGHTING

VERIFICATION DECLARATION

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Address	Castle Court Cambridge, Cambridgeshire CM3 0AR							
Type of Installation	<input checked="" type="checkbox"/> New	<input type="checkbox"/> N/A	<input type="checkbox"/> Addition	<input type="checkbox"/> N/A	<input type="checkbox"/> Alteration	<input type="checkbox"/> N/A	Verification of Existing Installation	
BSI Installation Category	<input checked="" type="checkbox"/> X	Type	<input type="checkbox"/> 0	Mode of Operation	<input type="checkbox"/> A	Facilities	<input type="checkbox"/> 180	Duration (in minutes) For self-contained systems

Particulars of Approved Contractor

Company	Countrywide Electrical Services Ltd	NICEIC Enrolment Number	025209
Address	Warwick House, 76 Summer Lane Birmingham, West Midlands B19 3NG	Branch No.(if Applicable)	000

Verification Declaration of Conformity

BS 5266-1:2011 clause reference	Recommendations	System conforms (if No, record a deviation)		
		YES	NO	NA
4.2	V1 Plans available and correct	✓	N/A	N/A
8.3.3	V2 System has a suitable test facility for the application	✓	N/A	N/A
5.4	V3 All escape route safety signs and fire-fighting equipment location signs, and other safety signs identified from risk assessment, visible with the normal lighting extinguished	✓	N/A	N/A
Clause 5	V4 Luminaires correctly positioned and oriented as shown on the plans	✓	N/A	N/A
6.7 and Annex C	V5 Luminaires conform to BS EN 60598-2-22	✓	N/A	N/A
6.7 and Annex C	V6 Luminaires have an appropriate category of protection against ingress of moisture or foreign bodies for their location as specified in the system design	✓	N/A	N/A
12.3	V7 Luminaires tested and found to operate for their full rated duration	✓	N/A	N/A
12.3	V8 Under test conditions, adequate illumination provided for safe movement on the escape route and the open areas NOTE This can be checked by visual inspection and checking that the illumination from the luminaires is not obscured and that minimum design spacing have been met	✓	N/A	N/A
12.3	V9 After test, the charging indicators operate correctly	✓	N/A	N/A
8.2	V10 Fire protection of central wiring systems satisfactory	N/A	N/A	✓
8.2.6	V11 Emergency circuits correctly segregated from other supplies	N/A	N/A	✓
10.6; 10.7; Clause 11	V12 Operation and maintenance instructions together with a suitable log book showing a satisfactory verification test provided for retention and use by the building occupier	✓	N/A	N/A
Additional requirements for verification of an existing installation				
10.7 and Clause 12	V13 Building occupier and their staff trained on suitable maintenance, testing and operating procedures, or a suitable maintenance contract agreed	✓	N/A	N/A
Clause 11	V14 Test records in the log book complete and satisfactory	✓	N/A	N/A
Clause 12	V15 Luminaires clean and undamaged with lamps in good condition	✓	N/A	N/A
Clause 6	V16 Original design still valid NOTE If the original design is not available this needs to be recorded as a deviation	✓	N/A	N/A

Deviations from Standards (To be entered on Completion Certificate)

Clause Number	Details of deviation

In consequence of acceptance of the appended declarations, I hereby declare that the emergency lighting system installation, or part thereof, at the above premises has been verified to the best of my knowledge and belief, to the appropriate recommendations given in BS 5266-1:2011, *Emergency lighting - Part 1: Code of practice for the emergency lighting of premises*, BS EN 1838:1999 *Lighting applications - Emergency lighting* and BS EN 50172:2004, *Emergency escape lighting systems*, as set out in the accompanying declarations, except as stated below/overleaf.

Engineer	John Lavery	Qualification	Approved Electrician
Position	Foreman		
Signature		Date	26/08/2016