

# EMERGENCY LIGHTING COMPLETION CERTIFICATE

7060 - Master



For New Installations and Verification of Existing Installations

## Details of Client

Client	W STIRLAND LTD
Address	BIRDHAM , CHICHESTER WEST SUSSEX,, PO20 7HT

## Details of Installation

Occupier			
Installation	BLOCK A (WEST)		
Address	SOUTHERN GATE, CHICHESTER WEST SUSSEX		
Type of Installation	<input checked="" type="checkbox"/> New	<input type="checkbox"/> Addition	<input type="checkbox"/> Alteration <input type="checkbox"/> Verification of Existing Installation
BSI Installation Category	X - Self-contained	Mode of Operation	0 - Non-Maintained
Facilities	A - Includes test device	Duration (in minutes) For self-contained systems	180
Extent of the installation covered by this certificate	EMERGENCY LIGHTING WITHIN BLOCK A JOB REF: EC004495		
Essential related reference documents	PAINE MANWARING DRAWINGS EC04105-E800, 801 & 802		

## Particulars of Approved Contractor

Company	PAINE MANWARING LTD	NICEIC Enrolment Number	1570
Address	LEIGH ROAD, TERMINUS INDUSTRIAL ESTATE CHICHESTER,, WEST SUSSEX, PO19 8TS	Branch No.(if Applicable)	1
		Responsible for (tick <input checked="" type="checkbox"/> as appropriate)	
		<input type="checkbox"/> Design	<input checked="" type="checkbox"/> Installation <input checked="" type="checkbox"/> 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 5266-1:2016, *Emergency lighting - Part 1: Code of practice for the emergency lighting of premises*, BS EN 1838:2013 *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	RICHARD HUMPHREY	Qualification	
Position	ELECTRICIAN		
Signature		Date	25/04/2018

This Certificate is only valid when accompanied by current:

- Signed declaration(s) of design, installation and verification, as applicable (see overleaf).
- 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 BS 5266-1:2016, Annex D and CIBSE/SLL Guide LG12.
  - Appropriate computer print of results.
- Test log book.

# EMERGENCY LIGHTING DESIGN DECLARATION

For New Installations and Verification of Existing Installations

7060 - Master

## Particulars of Approved Contractor

Company	PAINÉ MANWARING LTD	Registration Number	
Address	LEIGH ROAD, TERMINUS INDUSTRIAL ESTATE CHICHESTER., WEST SUSSEX, PO19 8TS	Branch No.(If Applicable)	

## Design Declaration of Conformity

BS 5266-1:2016 clause reference	Recommendations	System conforms (if not, record a deviation)		
		Yes	No	N/A
4.2	D1 Accurate plans available showing escape routes, fire alarm control panel, call points and fire extinguishers.	✓		
5.2.9	D2 Escape route signs in accordance with BS EN ISO 7010 and BS 5499-4 and other safety signs in accordance with BS EN ISO 7010 and BS 5499-10, clearly identifiable and adequately illuminated.	✓		
6.7	D3 The luminaires conform to BS EN 60598-2-22.	✓		
5.2.8.1	D4 Luminaires located at following positions (near means within 2m horizontally).			
	a) At each exit door intended to be used in an emergency.	✓		
	b) Near stairs so each tread receives direct light.	✓		
	c) Near any other change in level.	✓		
	d) Externally illuminated escape route signs, escape route direction signs and other safety signs needing to be illuminated under emergency lighting conditions.	✓		
	e) At each change of direction.	✓		
	f) At intersections of corridors.	✓		
	g) Near to each final exit and outside the building to a place of safety.	✓		
	h) Near each first aid post.			✓
	i) Near each piece of fire-fighting equipment and call point.	✓		
	j) Near escape equipment provided for disabled people.	✓		
6.3	D5 Each room (open area) and escape route has visible light from at least two emergency luminaires.	✓		
5.2.8	D6 Additional emergency lighting provided where needed to illuminate:			
5.2.8.3	a) Evacuation lift cars.			✓
5.2.8.4	b) Moving stairways and walkways.			✓
5.2.8.5	c) Toilet facilities larger than 8 m <sup>2</sup> floor area or without borrowed light, and those for use by disabled people.	✓		
5.2.8.6	d) Motor generator, control, plant and switch rooms.	✓		
5.2.8.7	e) Covered car parks.			✓
6.7.3	D7 Design duration adequate for the application.	✓		
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.	✓		
5.2.5; 5.2.6; 5.2.7	D9 At least the minimum illuminance provided for escape routes, open areas and high risk task areas.	✓		
5.3.2	D10 At least the minimum illuminance provided for emergency safety lighting.	✓		

### Deviations from Standards (To be entered on Completion Certificate)

Clause Number	Details of deviation

In consequence of acceptance of the appended declarations, We hereby declare that the emergency lighting system installation, or part thereof, at the above premises has been Designed to the best of our knowledge and belief, to the appropriate recommendations given in BS-5266-1:2016, *Emergency lighting - Part 1: Code of practise for the emergency lighting of premises*, BS EN 1838:2013 *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	ANDY PRAGER	Qualification	
Position	QUALIFYING ENGINEER		
Signature		Date	25/04/2018

# EMERGENCY LIGHTING

## INSTALLATION DECLARATION

For New Installations and Verification of Existing Installations

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### Particulars of Approved Contractor

Company	PAINE MANWARING LTD	NICEIC Enrolment Number	1570
Address	LEIGH ROAD, TERMINUS INDUSTRIAL ESTATE CHICHESTER., WEST SUSSEX, PO19 8TS	Branch No. (If Applicable)	1

### Installation Declaration of Conformity

BS 5266-1:2016 clause reference	Recommendations	System conforms (if not, record a deviation)		
		Yes	No	N/A
Clause 6	IN1 The system installed conforms to the agreed design.	✓		
6.1	IN2 All non-maintained luminaires fed or controlled by the final circuit supply of their local normal mains lighting.	✓		
6.4	IN3 Luminaires mounted at least 2 m above the floor.	✓		
6.4	IN4 Luminaires mounted at a suitable height to avoid being located in smoke reservoirs or other likely area of smoke accumulation.	✓		
5.2.9	IN5 Safety signs provided as follows:			
5.2.9.1	a) Escape route signs in accordance with BS EN ISO 7010 and BS 5499-4, adequately illuminated and identifiable.	✓		
5.2.9.2	b) Other safety signs in accordance with BS EN ISO 7010 and BS 5499-10, adequately illuminated and identifiable.	✓		
8.2	IN6 The wiring of central power systems has adequate fire protection and is appropriately sized.			✓
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.			✓
8.2.12	IN8 All plugs and sockets protected against unauthorized use.	✓		
8.3.3	IN9 The system has suitable and appropriate testing facilities for the specific site.	✓		
Clause 11	IN10 The equipment manufacturers' installation and verification procedures satisfactorily completed.	✓		
Clause 8	IN11 The system conforms to BS 7671.	✓		

#### Deviations from Standards (To be entered on Completion Certificate)

Clause Number	Details of deviation

In consequence of acceptance of the appended declarations, We hereby declare that the emergency lighting system installation, or part thereof, at the above premises has been installed to the best of our knowledge and belief, to the appropriate recommendations given in BS-5266-1:2016, *Emergency lighting - Part 1: Code of practise for the emergency lighting of premises*, BS EN 1838:2013 *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	RICHARD HUMPHREY	Qualification	
Position	ELECTRICIAN		
Signature		Date	25/04/2018

# EMERGENCY LIGHTING

## VERIFICATION DECLARATION

For New Installations and Verification of Existing Installations

7060 - Master

### Particulars of Approved Contractor

Company	PAINÉ MANWARING LTD	NICEIC Enrolment Number	1570
Address	LEIGH ROAD, TERMINUS INDUSTRIAL ESTATE CHICHESTER, WEST SUSSEX, PO19 8TS	Branch No.(If Applicable)	1

### Verification Declaration of Conformity

BS 5266-1:2016 clause reference	Recommendations		System conforms (if not, record a deviation)		
			Yes	No	N/A
4.2	V1	Plans available and correct.	✓		
8.3.3	V2	System has a suitable test facility for the application.	✓		
5.2.9	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.	✓		
Clause 5	V4	Luminaires correctly positioned and oriented as shown on the plans.	✓		
6.7.1	V5	Luminaires conform to BS EN 60598-2-22.	✓		
6.7.1	V6	Luminaires have an appropriate category of protection against ingress of moisture or foreign bodies for their location as specified in the system design.	✓		
Clause 12	V7	Luminaires tested and found to operate for their full rated duration.	✓		
Clause 12	V8	Under test conditions, adequate illumination provided for safe movement on the escape route and the open areas, paths under emergency safety lighting, and operations within high risk task areas. NOTE 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.	✓		
Clause 12	V9	After test, the charging indicators operate correctly.	✓		
8.2	V10	Fire protection of central wiring systems satisfactory.			✓
8.2.6	V11	Emergency circuits correctly segregated from other supplies.			✓
10.6; 10.7; Clause 11	V12	Operation and maintenance instructions together with a Clause 11 suitable log book showing a satisfactory verification test provided for retention and use by the building occupier.	✓		
<b>Additional requirements for verification of an existing installation</b>					
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.			✓
Clause 11	V14	V14 Test records in the log book complete and satisfactory.			✓
Clause 12	V15	Luminaires clean and undamaged with lamps in good condition.			✓
Clause 6	V16	Original design still valid NOTE If the original design is not available this needs to be recorded as a deviation.			✓

#### Deviations from Standards (To be entered on Completion Certificate)

Clause Number	Details of deviation

In consequence of acceptance of the appended declarations, We hereby declare that the emergency lighting system installation, or part thereof, at the above premises has been verified to the best of our knowledge and belief, to the appropriate recommendations given in BS 5266-1:2016, *Emergency lighting - Part 1: Code of practice for the emergency lighting of premises*, BS EN 1838:2013 *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	RICHARD HUMPHREY	Qualification	
Position	ELECTRICIAN		
Signature		Date	25/04/2018