

EMERGENCY LIGHTING PERIODIC INSPECTION AND TESTING CERTIFICATE

CERTIFICATE NUMBER

ELPI 102

CLIENT DETAILS

Name and Address
GALLEON CENTRE
99 TITCHFIELD STREET
KILMARNOCK

Postcode KA1 1QY

PURPOSE OF CERTIFICATE

To certify continued compliance of an existing installation ✓

INSTALLATION DETAILS

Address
GALLEON CENTRE
99 TITCHFIELD STREET
KILMARNOCK

Postcode KA1 1QY

Extent of system covered by this Certificate
THE WHOLE OF THE INSTALLATION

CERTIFICATION

Contractor responsible for carrying out the inspection and testing – (Trading title)
CUNNINGHAME TECHNICAL SERVICES

Address: 55 WINDMILL STREET
SALTCOATS
AYRSHIRE

Telephone Number: 0141 416 2227

Postcode: KA21 5EW

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: 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 5266 EN 50172:2004 / BS 5266-8: 2004 Emergency escape lighting systems, except as stated below.

For the inspection and testing of the installation:

Signature 
Name WILLIAM HUNTER

Date 05/12/2012
Inspector

Reviewed by:

Signature 
Name WILLIAM HUNTER

Date 05/12/2012
Qualified Supervisor

DETAILS OF DEPARTURES FROM THE CURRENT STANDARDS

Requirement Number	Details of deviations (Additional space to continue list is provided on page 3)
P2	NO EMERGENCY LIGHTING AT MAIN STAIR
P5	NO ESCAPE ROUTE SIGNS IN WET CHANGING AREA
P8	EMERGENCY ESCAPE DOOR FROM POOLSIDE LIGHT RUSTING SHOULD BE IP65 PLASTIC
P11	DUE TO ONGOING WIRING CHANGES , NO SEGREGATION OF CIRCUITS

RELATED REFERENCE DOCUMENTS

Periodic Inspection Report No. and/or date * (most recent- covering the existing emergency lighting installation – see Note 1)
ELPIR 101

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: 1 YEAR

Note: 1. The wiring system of an existing emergency lighting system should have been periodically inspected and tested and a Periodic Inspection Report issued. Where applicable and where available, the serial number and/or the date of the most recent report should be recorded in the space provided.

Page 1 of 3

SCHEDULE OF ITEMS INSPECTED AND TESTED

Certificate Reference:

ELPI 102

PURPOSE OF INSTALLED EMERGENCY LIGHTING SYSTEM

Tick applicable box(es)

Emergency escape lighting	✓	Standby lighting
Escape route lighting	✓	Partial standby lighting
Open area lighting	✓	High risk task area lighting

EMERGENCY LIGHTING INSTALLATION DETAILS

Tick applicable box(es)

Self-contained emergency luminaire	✓	Combined emergency luminaire	✓
Central battery system	✓	Standby generator system	-

CATEGORIES OF OPERATION FOR EMERGENCY LIGHTING SYSTEM

Type	Mode	Facilities	Duration
SELF CONTAINED	AUTOMATIC	KEY SWITCH	3 HOURS
CENTRAL BATTERY	AUTOMATIC	MAINS MCB	3 HOURS

RESULTS OF INSPECTION AND TESTING

* If 'No' record the deviation on page 1.

BS 5286-1 clause reference	Requirements	System Conforms (Indicate with ✓)		
		Yes	No *	N/A
1.2	P1- Plans are available and correct			✓
Clause 6	P2- Under test conditions, adequate ** illumination provided for safe movement on the escape route and open areas.	✓		
6.3	P3- Luminaires correctly positioned and oriented as shown on the plans			✓
6.3	P4- Original design still valid		✓	
6.6	P5- All escape route safety signs and fire fighting equipment location signs visible with the normal lighting extinguished	✓		
7.8	P6- Correct application and siting of additional emergency lighting	✓		
7.9	P7- Luminaires conform to BS EN 60598-2-22	✓		
7.9	P8- Luminaires have an appropriate Ingress Protection rating for their location, as specified in the system design.		✓	
9.1	P9- Wiring systems comply with the requirements of BS 7671	✓		
9.2	P10- Fire protection of central wiring systems satisfactory	✓		
9.2.5	P11- Emergency circuits correctly segregated from other supplies		✓	
9.2.12	P12- Wiring to emergency lighting power supply sources a fixed installation, where a specialist plug and socket arrangement is used, it is protected against unauthorised interference	✓		
9.3.3	P13- System has a suitable test facility for the application	✓		
9.3.5	P14- Central power system output voltage range is compatible with the supply voltage range of the luminaires, taking into account supply cable voltage drop	✓		
10.1	P15- Luminaires tested and found to operate for their full rated duration	✓		
11.6	P16- Operations and maintenance	✓		
12	P17- Test results in the logbook complete and satisfactory	✓		
12.3	P18- Instructions together with a suitable logbook showing a satisfactory commissioning test available for use by the building occupier	✓		
13	P19- Luminaires clean and undamaged with lamps in good condition		✓	
13	P20- Building occupier and their staff trained on suitable maintenance, testing and operating procedures, or a current maintenance contract is in place.	✓		
13.2	P21- Evidence of servicing of Central Battery System (in line with manufacturer's procedures); in-house or current maintenance contract is in place.	✓		
13.3	P22- Evidence of servicing of Standby Generator System (in line with manufacturer's procedures); in-house or current maintenance contract is in place.			✓
13.4	P23- After test the charging indicators operate correctly.	✓		

** 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

TEST INSTRUMENTS USED

Where periodic requirement P2 is carried out by measurement, details of instruments MUST be recorded.

Instrument 1 (light meter) Model	Serial Number	Instrument 2 (if any) Model	Serial Number
GOLD N21FR	12031817		

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.

**COMMENTS ON INSTALLATION AND FURTHER DETAILS OF
DETAILS OF DEVIATIONS FROM THE STANDARDS**

Certificate Reference:
ELPI 102

COMMENTS (IF ANY)

P19 (LUMINAIRES CLEAN AND UNDAMAGED WITH LAMPS IN GOOD CONDITION)

BOWLING CORRIDOR 1 FITTING NOT WORKING; RECEPTION AREA 2 FITTINGS NOT WORKING; CRECHE 1 FITTING TO BE REPLACED; SKATE HIRE AREA 2 FITTINGS NOT WORKING; SKATE HALL 3 FITTINGS NOT WORKING; POOLSIDE AREA 2 FITTINGS NOT WORKING; INSTRUCTORS CUPBOARD 1 FITTING NOT WORKING; MALE WET CHANGING AREA TOILET NOT WORKING; POOLSIDE DOOR AND GAMES HALL CORRIDOR 2 FITTINGS NOT WORKING; MALE DRY CHANGING 1 FITTING NOT WORKING; CORDWAINER BAR CELLAR 1 FITTING NOT WORKING; ACTIVITY HALL 1 FITTING NOT WORKING; BONSPAIL BAR CORRIDOR 1 FITTING NOT WORKING; FUNCTION SUITE 2 FITTINGS NOT WORKING; KITCHEN 1 FITTING NOT WORKING ; REAR STAIRS TO CORDWAINER BAR 1 FITTING NOT WORKING; EXCELLS 1 FITTING NOT WORKING

THE CENTRAL BATTERY BANK IS APPROX 25 YEARS OLD AND NO MANUFACTURERS INFORMATION IS AVAILABLE. THE BATTERIES ON CHARGE VOLTAGE IS 124.5V AND AT START OF TEST(OFF CHARGE) WERE 116.6V WITH A DISCHARGE OF 10.65A.

ON COMPLETION OF THE 3 HOUR TEST PERIOD THE VOLTAGE WAS 109V AND THE DISCHARGE WAS 10.2A AND THE LUX LEVELS WERE SIMILAR TO THE START OF THE TEST.

DETAILS OF DEVIATIONS FROM THE STANDARDS (Continued from Page 1)

Requirement Number **Details of deviations**

P19 AS LISTED ABOVE

INFORMATION ON ALTERNATIVE METHOD USED TO VERIFY ILLUMINATION REQUIREMENT P2

EMERGENCY LIGHTING PERIODIC INSPECTION AND TESTING CERTIFICATE

CERTIFICATE NUMBER

ELPI

CTS001

CLIENT DETAILS

Name and Address
GALLEON LISURE CENTRE
99 TITCHFIELD STREET
KILMARNOCK

Postcode KA1 1QY

PURPOSE OF CERTIFICATE

To certify continued compliance of an existing installation ✓

INSTALLATION DETAILS

Address
GALLEON LIESURE CENTRE
99 TITCHFIELD STREET
KILMARNOCK

Postcode KA1 1QY

Extent of system covered by this Certificate
THE WHOLE OF THE INSTALLATION

CERTIFICATION

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For the inspection and testing of the installation:

Signature *J. Hood* Date 1-05-2011
Name JOHN HOOD Inspector

Reviewed by:
Signature *W. Hunter* Date 1-05-2011
Name WILLIAM HUNTER Qualified Supervisor

DETAILS OF DEPARTURES FROM THE CURRENT STANDARDS

Requirement Number	Details of deviations (Additional space to continue list is provided on page 3)
1	NO EMERGENCY LIGHTING ON STAIRCASE LEADING FROM FOYER

RELATED REFERENCE DOCUMENTS

Periodic Inspection Report No. and/or date * (most recent covering the existing emergency lighting installation - see Note 1) NOT AVAILABLE

Other documents (if any) please state N/A

NEXT INSPECTION

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

We recommend that this installation is further inspected and tested after an interval of not more than: 1 YEAR

Note: 1. The wiring system of an existing emergency lighting system should have been periodically inspected and tested and a Periodic Inspection Report issued. Where applicable and where available, the serial number and/or the date of the most recent report should be recorded in the space provided.

SCHEDULE OF ITEMS INSPECTED AND TESTED

Certificate Reference:

ELPI CTS001

PURPOSE OF INSTALLED EMERGENCY LIGHTING SYSTEM

Tick applicable box(es)

Emergency escape lighting	✓	Standby lighting	✓
Escape route lighting	✓	Partial standby lighting	-
Open area lighting	✓	High risk task area lighting	-

EMERGENCY LIGHTING INSTALLATION DETAILS

Tick applicable box(es)

Self-contained emergency luminaire	✓	Combined emergency luminaire	✓
Central battery system	✓	Standby generator system	-

CATEGORIES OF OPERATION FOR EMERGENCY LIGHTING SYSTEM

Type	Mode	Facilities	Duration
SELF CONTAINED	MAINTAINED	KEY SWITCH	3 HOURS
CENTRAL BATTERY	MAINTAINED	CONTROL PANEL	3 HOURS

RESULTS OF INSPECTION AND TESTING

* If 'No' record the deviation on page 1.

BS 5286-1 clause reference	Requirements	System Conforms (Indicate with ✓)		
		Yes	No *	N/A
4.2	P1- Plans are available and correct		✓	
Clause 6	P2- Under test conditions, adequate ** illumination provided for safe movement on the escape route and open areas.	✓		
6.3	P3- Luminaires correctly positioned and oriented as shown on the plans			✓
6.3	P4- Original design still valid			✓
6.6	P5- All escape route safety signs and fire fighting equipment location signs visible with the normal lighting extinguished	✓		
7.8	P6- Correct application and siting of additional emergency lighting	✓		
7.9	P7- Luminaires conform to BS EN 60598-2-22	✓		
7.9	P8- Luminaires have an appropriate Ingress Protection rating for their location, as specified in the system design.	✓		
9.1	P9- Wiring systems comply with the requirements of BS 7671	✓		
9.2	P10- Fire protection of central wiring systems satisfactory	✓		
9.2.5	P11- Emergency circuits correctly segregated from other supplies		✓	
9.2.12	P12- Wiring to emergency lighting power supply sources a fixed installation, where a specialist plug and socket arrangement is used, it is protected against unauthorised interference	✓		
9.3.3	P13- System has a suitable test facility for the application	✓		
9.3.5	P14- Central power system output voltage range is compatible with the supply voltage range of the luminaires, taking into account supply cable voltage drop	✓		
10.1	P15- Luminaires tested and found to operate for their full rated duration	✓		
1.6	P16- Operations and maintenance	✓		
12	P17- Test results in the logbook complete and satisfactory	✓		
12.3	P18- Instructions together with a suitable logbook showing a satisfactory commissioning test available for use by the building occupier	✓		
13	P19- Luminaires clean and undamaged with lamps in good condition	✓		
13	P20- Building occupier and their staff trained on suitable maintenance, testing and operating procedures, or a current maintenance contract is in place.	✓		
13.2	P21- Evidence of servicing of Central Battery System (in line with manufacturer's procedures), in-house or current maintenance contract is in place.	✓		
13.3	P22- Evidence of servicing of Standby Generator System (in line with manufacturer's procedures), in-house or current maintenance contract is in place.			✓
13.4	P23- After test the charging indicators operate correctly	✓		

** 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

TEST INSTRUMENTS USED

Where periodic requirement P2 is carried out by measurement, details of instruments MUST be recorded

Instrument 1 (light meter) Model	Serial Number	Instrument 2 (if any) Model	Serial Number
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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.

**COMMENTS ON INSTALLATION AND FURTHER DETAILS OF
DETAILS OF DEVIATIONS FROM THE STANDARDS**

Certificate Reference:

ELPI CTS001

COMMENTS (IF ANY)

NO DESIGN DRAWINGS OR PLANS AVAILABLE.
WIRING SYSTEM HAS BEEN ALTERED AT VARIOUS TIMES AND THE WIRING IS NOT COMPLETELY SEGREGATED.
MAINTENANCE STAFF INSTRUCTED ON USE OF HYDROMETER TO MONITOR BATTERY CONDITION BUT SUGGEST A
CONDUCTANCE TESTER WOULD BE SAFER AND QUICKER.
THE LIFE EXPECTANCY OF LEAD ACID BATTERIES IS 10 YEARS. IF THESE ARE THE ORIGINAL BATTERIES IT MAY BE PRUDENT
TO CHANGE THEM.

DETAILS OF DEVIATIONS FROM THE STANDARDS

(Continued from Page 1)

Requirement Number Details of deviations

INFORMATION ON ALTERNATIVE METHOD USED TO VERIFY ILLUMINATION REQUIREMENT P2