



Emergency Lighting – BS 5266

BS 5266-10:2008 – Guide to the design and provision of emergency lighting to reduce the risks from hazards in the event of failure of the normal lighting supply

BS 5266-1:2005 – Code of practice for the emergency lighting of premises

General

The purpose of emergency lighting is to ensure the lighting is provided promptly, automatically and for a suitable time in a specified area when the normal power supply to the normal lighting fails.

The installation shall ensure that emergency escape lighting fulfils the following functions:

- a) to illuminate escape route signs
- b) to provide illumination onto and along such routes as to allow safe movement towards and through the exits provided to a place of safety.
- c) to ensure that fire alarm call points and fire equipment provided along escape routes can be readily located and used
- d) to permit operations concerned with safety measures.

Servicing

Supervision of servicing is specified in BS 5266-8:2004

BS 5266-8:2004 – Emergency escape lighting systems.

System record

On completion of a yearly inspection and test schedule as required in the periodic inspection a test certificate should be supplied to the person responsible for the premises.



Log book (reporting)

A logbook shall be kept on the premises in the care of a responsible person appointed by the occupier/owner and shall be readily available for examination by any duly authorised person.

The logbook shall be used to record at least the following:

- a) date of commissioning of the system including any certificate relating to alterations
- b) date of each periodic inspection and test
- c) date and brief details of each service, inspection or test carried out
- d) dates and brief details of any defects and of remedial action taken
- e) date and brief details of any alteration to the emergency lighting installation
- f) if any automatic testing device is employed, the main characteristic and the mode of operation of that device shall be described.

NOTE: The logbook may also include pages relating to other safety records e.g. fire alarms. Details of replacement components such as lamp type, battery and fusing may also be recorded in the logbook.

Servicing and testing:

General:

Regular servicing is essential. The occupier/owner of the premises shall appoint a competent person to supervise servicing of the system. This person shall be given sufficient authority to ensure the carrying out of any work necessary to maintain the system in correct operation.

Routine inspections and tests:

Because of the possibility of a failure of the normal lighting supply occurring shortly after a period of testing of the emergency lighting system or during subsequent recharge period, all full duration tests shall wherever possible be undertaken preceding time of low risk to allow for battery recharge. Alternatively, suitable temporary arrangements shall be made until the batteries have been recharged.

The following minimum inspections and tests shall be carried out at the intervals recommended:

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Email:
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JHP Electrical Services Ltd
Croscombe
1A Bourne Road
Bushey
Hertfordshire WD23 3NH

Monthly

Tests shall be carried out as follows:

Switch on in the emergency mode each luminaire and each internally illuminated exit sign from its battery by simulation of a failure of the supply to the normal lighting for a period sufficient to ensure that each lamp is illuminated.

NOTE: The period of simulated failure should be sufficient for the purpose of this clause whilst minimising damage to system components e.g. lamps

During this period, all luminaires and signs shall be checked to ensure that they are present, clean and functioning correctly.

At the end of this test period, the supply to the normal lighting should be restored and any indicator lamp or device checked to ensure that it is showing that normal supply has been restored.

The date of the test and its results shall be recorded in the system logbook.

Annually

The monthly inspection shall be carried out as above and the following additional tests made:

Each luminaire and internally illuminated sign shall be tested as per the monthly test but for its full rated duration in accordance with the manufacturer's information

The supply of normal lighting shall be restored and any indicator lamp or device checked to ensure that it is showing that normal supply has been restored. The charging arrangements should be checked for proper functioning.

The date of the test and its results shall be recorded in the system logbook.

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