

Means of Egress Illumination Verification and Test Report



Before/After hour Emergency Lighting Inspection by City Inspector required for following occupancies:

- All schools, colleges, hospitals & buildings four or more stories in height.
- Childcare centers with occupant load exceeding 50.
- Residential occupancies, night clubs, theaters, restaurants and bars with occupant load exceeding 100.
- Churches, gymnasiums and mercantile occupancies with occupant load exceeding 300.

Email scheduling requests (see page 2) to: inspections@cityofvancouver.us.

For all other occupancies, contractor to complete and return form to planreview@cityofvancouver.us.

Project Address: _____ Permit # _____

Test Date: _____ Test Conducted By: _____

IBC 2018 1008.2 Illumination required.

The means of egress serving a room or space, including the exit discharge, shall be illuminated at all times that the room or space egress is occupied.

Exceptions:

1. Occupancies in Group U
2. Aisle access ways in Group A
3. Dwelling units and sleeping units in Groups R-1, R-2 and R-3
4. Sleeping units of Group I occupancies

IBC 2018 1008.2.1 Illumination level under normal power.

The means of egress illumination level shall not be less than 1 foot-candle (11 lux) at the walking surface level.

Exception: For auditoriums, theaters, concert or opera halls and similar assembly occupancies, the illumination at the walking surface level is permitted to be reduced during performances to not less than 0.2 foot-candle (2.15 lux), provided that the required illumination is automatically restored upon activation of a premises' fire alarm system where such system is provided. Approved, self-luminous materials are permitted in accordance with Section 1025.

IBC 2018 1008.3 Emergency power for illumination in buildings required to have two or more exits.

The power supply for means of egress illumination shall normally be provided by the premises' electrical supply. In the event of power supply failure, an emergency electrical system shall automatically illuminate the following areas:

1. Aisles and unenclosed egress stairways in rooms and spaces that require two or more means of egress.
2. Corridors, interior exit stairways and ramps and exit passageways.
3. Exterior egress components at other than the level of exit discharge until exit discharge is accomplished.
4. Vestibules and other interior exit discharge elements, as permitted in Section 1028.1.
5. Exterior landings, as required by Section 1010.1.6, for exit discharge doorways.

The emergency power system shall provide power for a duration of not less than 90 minutes and shall consist of storage batteries, unit equipment or an on-site generator. The installation of the emergency power system shall be in accordance with Section 2702.

IBC 2018 1008.3.5 Illumination level under emergency power.

Emergency lighting facilities shall be arranged to provide initial illumination that is at least an average of 1 foot candle (11 lux) and a minimum at any point of 0.1 foot candle (1 lux) measured along the path of egress at floor level. Illumination levels shall be permitted to decline to 0.6 foot candle (6 lux) average and a minimum at any point of 0.06 foot candle (0.6 lux) at the end of the emergency lighting time duration. A maximum-to-minimum illumination uniformity ratio of 40 to 1 shall not be exceeded. In group I-2 occupancies, failure of any single lighting unit shall not reduce the illumination level to less than 0.2 foot candle (2.2 lux).

Means of egress illumination system for the referenced project has been provided and tested to verify compliance; the system meets above noted code requirements.

Project Electrical Contractor: _____

License #: _____ Contractor's Signature: _____

Submit to planreview@cityofvancouver.us prior to scheduling final building inspection.



Before/After Hours Inspection Request Application



APPLICATION PROCESS

- Submit Request Application to: inspections@cityofvancouver.us
- Provide a minimum of five (5) business days in advance to process your inspection request. A confirmation that your inspection request has been approved/scheduled will be emailed.
- **\$296** per inspector for inspections completed outside normal business hours. This fee covers a single trip of not more than two hours. *Fees will increase for inspections requiring more than two hours @ \$148/hr or more than one trip.*
- Payment is required **before** your inspection can be scheduled.
 - Pay online through inspection scheduling: cityofvancouver.us/inspection
 - Pay online utilizing ePermit account: cityofvancouver.us/epermits
 - Pay in person at the Permit Center during normal office hours.
 - No payments can be taken by phone.

COMPANY INFORMATION

Today's Date: _____ Company Name: _____

Contact Name: _____ Email: _____

Contact Phone: _____ Address: _____

INSPECTION DETAILS

Inspection Type: _____ Date requested: _____ Time: _____

Permit Number: _____ Site Address: _____

Inspector: _____ Time estimate:
(if over 2 hours)

Staff use only

Inspector Assigned: _____ Permit Specialist initials: _____