

GENERATOR ROOM

EXTRACTS FROM THE CANADIAN STANDARD ASSOCIATION

Section 6.11 Emergency Lighting

6.11.1 General

6.7.1.1. The emergency electrical power supply room and the automatic transfer switch room, where separate, shall be equipped with unit equipment for emergency lighting that complies with CSA C22.2 No. 141. Sufficient lamps shall be provided to ensure that a minimum lighting level of 50 lx for 2 h is available at all equipment locations requiring adjustment or service.

Note: This illumination level is significantly greater than that specified in the NBC, which requires 10 lx for egress route emergency lighting.

6.11.2 Emergency lighting units shall be tested in accordance with Table 2 and CSA C22.2 No. 141.

6.11.3 The emergency lighting unit shall include

- (a) automatic self-diagnostic circuitry; and
- (b) a transient voltage surge suppressor on the supply side of power to the unit.