

## Emergency Lighting and Exit Signs

Emergency lighting systems and exit signs shall be installed in accordance with the International Building Code, International Fire Code and NFPA 70, 110,111.

### Submittal Requirements

1. Provide three (3) copies of plans and one (1) set of original equipment data sheets. These drawings must be stamped by a licensed architect or professional engineer (Act 45 section 403.42a.c), and contain the name of the person who created the drawings, their phone number and their signature.
2. Provide details for conductors on the plans, including type, size, and manufacturer
3. Drawings shall be legible, scaled with shop number and revision number and date, have compass points, and contain only egress information, lighting, emergency lighting, and exit signs.
4. Drawings shall contain the intended use of each room with walls, doors (door swings), ceiling heights, occupancy loads, and anything that may obscure the lights and exit signs.
5. Connection of power to emergency lighting, and exit signs with alternative power backup. Alternative power backup must have a 90-minute minimum. Provide documentation.
6. Illuminated exit signs are required every 100 feet or less
7. Tactile exit signs are required in accordance with ANZI 117.1
8. The fire marshals office requests an additional exit sign to be placed at ground level, in conjunction to the exit sign above the exit, so that the additional sign can be seen when crawling to escape the smoke and heat.
9. Performance of the system at completion. A certification letter is required to be given to the fire marshal's office prior to the final inspection.

Note: Emergency illumination requires a minimum of an average 1-foot candle (11 lux), but not less than .6-foot candle (6 lux), at the floor for egress.

Note: Exit signs require 5-foot candle at the face of the sign.