

310_675-5-21 Electrical requirements

All material including equipment, conductors, control, and signaling devices shall be installed to provide a complete electrical system with the necessary characteristics and capacity to supply the electrical facilities shown in the specifications or indicated on the plans. All materials shall be listed as complying with available standards of Underwriter's Laboratories, Inc., or other similarly established standards. All electrical installations and systems shall be tested to show that the equipment is installed and operates as planned or specified.

(1)

Panelboards. Panelboards serving lighting and appliance circuits shall be located on the same floor as the circuits they serve. This requirement does not apply to emergency system circuits.

(2)

Lighting. All spaces occupied by people, machinery, equipment within buildings, approaches to buildings, and parking lots shall have lighting. (A) Residents' rooms shall have general lighting and night lighting. A reading light shall be provided for each resident. Flexible light arms shall be mechanically controlled to prevent the bulb from coming in contact with bed linen. At least one light fixture for night lighting shall be switched at the entrance to each resident room. All switches for control of lighting in resident areas shall be of quiet operating type. (B) Nursing unit corridors shall have general illumination with provisions for reduction of light level

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(B)

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(3)

Receptacles (convenience outlets) (A) Resident room shall have duplex grounding type receptacles as follows: One location each side of the head of each bed, one for television if used, and one on another wall. (B) Duplex grounding receptacles for general use shall be installed in all corridors approximately 50'0" (15.24 m.) apart and within 25'0" (7.62 m.) of ends of corridors.

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(4)

Notification system (A) Resident areas. Each room, toilet and bathing area shall have a means for residents to directly contact nursing staff. This communication may be through audible or visual signs, electronic systems and may include

"wireless systems." (B) Wireless nurse call system. Facilities may substitute a wireless nurse call system for wired call systems or operate both a wireless and a wired nurse call system in parallel. (C) Resident's emergency. A nurse's call emergency button shall be provided for resident's use at each resident's toilet, bath, and shower room. Such button shall be usable by a collapsed resident lying on the floor (inclusion of a pull cord will satisfy this item.)

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(5)

Emergency electric service shall be provided in accordance with NFPA 76-A, 1977, Chapter 05, Essential Electrical Systems for Nursing Homes, etc.