

2.5-4.3 Electrical Receptacles

*2.5-4.3.1 General

Convenience duplex outlets shall be provided as follows:

2.5-4.3.2 Receptacles in Corridors

Duplex-grounded receptacles for general use shall be installed a maximum of 50 feet (15.24 meters) apart in all corridors and within 25 feet (7.62 meters) of corridor ends.

2.5-4.3.3 Receptacles in Resident Rooms and Dwelling Units

See common element and facility chapters in Parts 3 and 4 for requirements.

2.5-4.3.4 Essential Electrical System Receptacles

If an essential electrical system is provided, electrical receptacle cover plates or electrical receptacles supplied from the essential electrical system shall be distinctively colored or marked for identification. If color is used for identification purposes, the same color shall be used throughout the facility.

2.5-4.3.5 Ground Fault Interrupter Receptacles

Ground-fault interrupters shall comply with NFPA 70: *National Electrical Code*®.

2.5-4.4 Electrical Requirements for Ventilator-Dependent Resident Rooms and Areas

2.5-4.4.1 If ventilators are used in a residential health, care, or support facility or setting, the need for battery backup and/or other essential electrical system backup shall be evaluated and addressed.

2.5-4.4.2 If ventilators are used in a facility or setting that has essential electrical power, the following requirements shall be met:

A2.5-4.3.1 Height and location for receptacles should be evaluated based on the population being served. Receptacles available for residents to charge resident-operated mobility devices should be placed at a height above the finished floor easy for residents to access.

2.5-4.4.2.1 Dedicated circuit(s). This paragraph shall apply to both new and existing facilities serving ventilator-dependent residents.

- (1) A minimum of one dedicated essential electrical system circuit per bed for ventilator-dependent residents shall be provided in addition to the normal system receptacles at each bed location required by NFPA 70. This circuit shall be provided with a minimum of two duplex receptacles identified for emergency use.
- (2) Additional essential electrical system circuits and receptacles shall be provided where the electrical life support needs of the resident exceed the minimum requirements stated in this paragraph.

2.5-4.4.2.2 Essential electrical system connections

- (1) Heating equipment provided for ventilator-dependent resident rooms shall be connected to the essential electrical system.
- (2) Task lighting connected to the essential electrical system shall be provided for each ventilator-dependent resident room.

■ 2.5-5 Communications Systems

*2.5-5.1 General

2.5-5.1.1 Application

Requirements for call systems, information systems, and telecommunication systems shall be based on the care population and provided in accordance with requirements in the common element and facility chapters in Parts 3 through 5.

2.5-5.1.2 Communications System Equipment Requirements

2.5-5.1.2.1 A central location and/or decentralized location(s) for communications systems equipment shall be provided based on the care model.

A2.5-5.1 Audiovisual technology

- a. If resident monitoring via camera is provided, family members should be able to turn off power for personal privacy.
- b. Provision of an in-room computer or integration of the audiovisual system with a television screen should be considered to allow remote resident/family interaction.

APPENDIX