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AS/NZS 3003:2003 Electrical installations - Patient areas of hospitals, medical and dental practices and dialyzing locations

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Abbreviation

AS/NZS 3003:2003

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Author

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Description

This Standard specifies requirements in addition to those in the SAA Wiring Rules (AS 3000) for electrical installations in hospitals and medical and dental practices where electromedical procedures are performed on a regular basis.

In addition, specifies requirements for cardiac-protected and body-protected electrical areas. Included in the appendices are typical forms for commissioning tests for patient treatment areas, methods of measuring magnetic fields and resistance calculations in equipotential areas.

Scope

This Standard sets out requirements for electrical installations in **PATIENT AREAS** of hospitals, medical and dental practices, and dialyzing locations.

Areas other than **PATIENT AREAS** are not covered by this Standard, but are covered by the relevant requirements of AS/NZS 3000.

Notes:

1. Attention is drawn to AS/NZS 2500, which outlines the procedure for determining where CARDIAC-PROTECTED ELECTRICAL AREAS are required. These decisions are made by the governing body or proprietor of the health care

facility, based on the classification of the medical procedures undertaken in each area and the protection against electric shock provided in the MEDICAL ELECTRICAL EQUIPMENT available for these procedures.

2. A rationale for the requirements of this Standard is given in Appendix A.
3. Requirements for mobile trolleys supporting electrical equipment are given in AS/NZS 3200.1.1 and AS/NZS 4510.
4. Requirements for emergency lighting are given in AS/NZS 2293.1.
5. Requirements for emergency power systems in hospitals are given in AS/NZS 3009.

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