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## APPLICATION OF SECTION 24 OF THE CE CODE, PART I

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This Bulletin clarifies application of Section 24 of the CE Code. Prior to the 2002 edition of the CE Code, application of Section 24 was limited to the installation of electrical wiring and equipment within patient care areas of **hospitals**. Scope of Section 24 had been expanded in the 19<sup>th</sup> and 20<sup>th</sup> editions of the CE Code - to cover such installations within patient care areas of all “**health care facilities**” (including hospitals). Respectively, definition of “hospital” had been deleted from Rule 24-002 “Special Terminology” and a new definition “Health care facility” had been added. This change from “hospital(s)” to “health care facility(ies)” has been made throughout Section 24 and Appendix B, to harmonize Section 24 with the CAN/CSA-Z32.

CSA standard Z32 defines Health care facility (HCF) - a set of physical infrastructure elements supporting the delivery of specific health-related services. Z32 further subdivides health care facilities into three separate classes as follows:

- **HCF, Class A** - a facility, designated as a hospital by the government of Canada or the government of a Canadian province or territory, where patients are accommodated on the basis of medical need and are provided with continuing medical care and supporting diagnostic and therapeutic services. Note: Class A facilities include acute and complex care.
- **HCF, Class B** - a facility whose residents cannot function independently because of a physical or mental disability and are accommodated because they require daily care by health care professionals. Note: Class B facilities provide, e.g., extended, multi-level, hospice, psychiatric, or intermediate care. The definition includes rehabilitation facilities.
- **HCF, Class C** - a facility where ambulatory patients are accommodated on the basis of medical need and are provided with supportive, diagnostic, and treatment services. Note: Class C facilities include, e.g., outpatient and surgical clinics, dental offices, doctors’ clinics, private residences and group homes.

As the result of the changes to the Scope of Section 24 installations in many facilities that were previously not covered by Section 24 (Rules 24-100 to 24-116), which provide very specific (and very stringent) criteria for circuits, bonding, receptacles and other equipment.

Code users should note that the relevant Rules of Section 24 are intended to apply to the installation of electrical wiring and equipment within patient care areas of those types of health care facilities where a permanently or cord connected electro-medical equipment is used for the purpose of **intentional contact at a patient's skin surface or internally during the patient's treatment, diagnostics or monitoring.**

Section 24 defines Patient care area - an area intended primarily for the provision of diagnosis, therapy or care. Z32 defines Administrator - the person responsible for operating

the health care facility (or his or her designee). Z32 states that the administrator is responsible for determining whether an area should be classified as a patient care area

(and if so, whether it is a basic, intermediate or critical care area). The administrator shall document whether a patient care area is classified as basic care, intermediate care or critical care. The City Electrician may require involvement of the Registered Professional in order to ascertain a specific class of a health care facility and conditions of use of the electro-medical equipment, and to supervise tests referenced in Appendix B Note on Rules 24-104(1) and 24-112 of the CE Code.

**Requirement**

The installation of electrical wiring and equipment within the patient care areas of health care facility must meet the relevant Rules of Section 24 of the CE Code. A patient care area classification plan is required to be provided on site for review by the district electrical inspector during scheduled inspections.

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