

Non-Hospital Medical and Surgical Facilities Accreditation Program

ACCREDITATION STANDARDS

Electrical Systems and Safety

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Introduction

The Canadian Standards Association's (CSA) standard [CSA C282](#) (CSA Z32) specifies the safety requirements for electrical systems in health-care facilities.

[CSA C282](#) specifies the emergency power supply requirements for health-care facilities. These standards apply to all facilities providing health-care services, both public and private, regardless of type, size, location or range of services. Electrical equipment is also subject to the requirements outlined in the NHMSFAP Equipment Management standard.

No.	Description
ELEC1.0	ELECTRICAL SYSTEMS AND SAFETY
ELEC1.1	

No.	
ELEC1.3.1	connected to medical equipment that requires the use of an UPS.
ELEC1.3.2	is readily available.
ELEC1.3.3]
ELEC1.3.4	of the UPS unit.
ELEC1.4	ective and safe patient care during an interruption of the normal
ELEC1.4.1	ed by a generator.
ELEC1.4.2	bel recognized by the CSA.
ELEC1.4.3	and protects the equipment from weather.
	imes and is accessed by authorized personnel only.

No.	Description
ELEC1.4.7	M There is sufficient fuel on site to operate the generator under maximum load for a minimum of two hours.
ELEC1.5	

No.	Description
ELEC1.5.6	M Quinquennial (every 5 years) inspection, testing and maintenance is performed.

References

Canadian Standards Association. Electrical safety and essential electrical systems in health care facilities. 4th ed. Toronto: Canadian Standards Association; 2015. 91 p. CSA Standard No.: Z32-