

STANDARD INFORMATION

Standard: CSA C22.2 No. 29

Standard ID: Panelboards and Enclosed Panelboards [CSA C22.2#29:2015 Ed.6+U1;U2]

Previous Standard ID: Panelboards and Enclosed Panelboards (R2019) [CSA C22.2#29:2015 Ed.6+U1]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **August 1, 2028**

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Per our accreditation, Intertek is required to review reports against the standard revisions to confirm compliance. Once compliance is confirmed, the standard reference in the report is updated to show continued compliance to the technical requirements of the standard. Reports not updated to this version by the effective date above will be withdrawn.

Overview of Changes:

- New requirements for generator transfer panels
- Additional requirements for auxiliary equipment

Specific details of new/ revised requirements are found in table below

Current Listings Not Active? – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records. We will do this at no charge as long as Intertek is notified in writing prior to the review of your reports.



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CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
6	Info	Marking <i>New clause added;</i>
6.25		Panelboards used as generator transfer panels shall be marked in accordance with CSA C22.2 No. 178.2.
9	Info	Custom-built panelboard assemblies
9.2	Info	Construction
9.2.3	Info	Assemblies with auxiliary equipment
		Auxiliary equipment in the same enclosure or compartment with a panelboard interior shall be limited to
		a) contactors that control panelboard circuits;
		b) remote control relays for lighting circuits;
		c) pilot lights and pushbutton switches connected to the panelboard circuits;
		d) separately mounted disconnection means and overcurrent protection that shall only be provided for mains or subfeed circuits; in panelboards restricted to 42 single-pole branch circuits, a mains disconnecting means and overcurrent protection may be added above or below the panelboard interior, but a subfeed shall not be added if the sum of the branch and subfeed poles exceeds 42;
		e) automatic transfer switches, generator transfer panels, or other transfer equipment complying with one of the following:
9.2.3.2		i) constructed in compliance with the Canadian standard for automatic transfer switches, C22.2 No. 178.1;
		ii) constructed in compliance with the Canadian standard for manually operated generator transfer panels, C22.2 No. 178.2;
		iii) constructed such that the circuit breaker or switches are provided with a mechanical means to prevent the load switching from the normal source to the alternate source of supply in one continuous motion; or
		iv) constructed such that the circuit breaker or switches are provided with a mechanical interlock that prevents the normal and alternate supply circuit breakers or switches from being closed simultaneously; and
		<u>f) monitoring components and devices monitoring mains or any panelboard circuit and supplied from the panelboard circuits for the purpose of communicating data.</u>