

## STANDARD INFORMATION

If your product is certified to UL 508, UL 508A, CSA C22.2 No. 14 or CSA C22.2 No. 286 and falls under the scope of the following standards, it must be recertified to the applicable standard:

- a) UL/ULC 6200,
- b) For Industrial Machinery for the cETL mark, CSA C22.2 No.301, or
- c) For Industrial Machinery for the ETLus mark, NFPA 79 or UL Subject 2011

### Standards of Currently Certified Products Affected:

Industrial Control Equipment [UL 508]

Industrial Control Panels [UL 508A]

Industrial Control Equipment [CSA C22.2#14]

Industrial Control Panels and Assemblies [CSA C22.2#286]

### Replacement Standards:

Controllers for Use in Power Production [ANSI/CAN/UL/ULC 6200:2019 Ed.1]

Industrial Electrical Machinery (R2021) [CSA C22.2#301:2016 Ed.1]

Outline of Investigation for Machinery [UL SUBJECT 2011:2021 Ed.6]

Electrical Standard for Industrial Machinery [NFPA 79:2020 Ed.2021]

## EFFECTIVE DATE OF SUVERY RESPONSE AND NEW REQUIREMENTS

**Survey Response Date:** April 7, 2023

**Effective Date:** June 1, 2024

## IMPACT, OVERVIEW, AND ACTION REQUIRED

**Impact Statement:** The requirements for Controllers for use in Power Production were not addressed by product standards such as UL 508, UL 508A, CSA C22.2#14, or CSA C22.2#286 until the publishing of ANSI/CAN/UL/ULC 6200:2019 Ed.1 which was written to address the specific features of these products. All products which are covered by the scope of ANSI/CAN/UL/ULC 6200:2019 Ed.1 but currently certified to other standards need to be evaluated and certified to ANSI/CAN/UL/ULC 6200:2019 Ed.1 prior to the effective date.

Due to the changes between standards, a full evaluation to ANSI/CAN/UL/ULC 6200:2019 Ed.1 is required.

The requirements for Industrial Machinery are not addressed by product standards such as UL 508, UL 508A, CSA C22.2#14, and CSA C22.2#286. It has been found during reviews of Intertek certifications there is Industrial Machinery that is certified to these standards which must move to the applicable national standards.



Due to the number of active listings affected by this certification notice manufacturers must choose either to:

- 1) Return the declaration on Page 8 of this this Certification Notice declaring that their product is either within or not within the scope of ANSI/CAN/UL/ULC 6200:2019 Ed.1, CSA C22.2#301:2016 Ed.1, UL Subject 2011:2021 Ed.6, or NFPA 79:2020 Ed.2021 prior to the Survey Response Date identified above, or
- 2) If no response to the survey is received by the Survey Response Date, a 3-hour (per report) project will be required to be opened to review your report(s) to determine if they the products covered are within the scope of ANSI/CAN/UL/ULC 6200, CSA C22.2#301:2016 Ed.1, UL Subject 2011:2021 Ed.6, or NFPA 79:2020 Ed.2021.

For all products found within the scope of ANSI/CAN/UL/ULC 6200:2019 Ed.1, CSA C22.2#301:2016 Ed.1, UL Subject 2011:2021 Ed.6, or NFPA 79:2020 Ed.2021 by either manufacturer declaration or after review by Intertek, a project to evaluate and test the products will be required to be completed prior to the effective date.

***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.***



## STANDARD INFORMATION

CLAUSE	COMMENT
	<b>The following clauses reflect ANSI/CAN/UL/ULC 6200:</b>
1	<b>Scope</b>
1.1	These requirements apply to control panels, control units, and other various electrical circuits employed within a control circuit device intended for support functions, maintain operation and limiting safety control features for use in a Stationary Engine Driven Assembly or similar power production equipment control applications.
1.2	These requirements cover controls operating at 600 Volts a. c. or d. c maximum with sensing and measurement circuits without the use of isolation devices and 36 kV a.c. or d.c. maximum with the use of isolation devices.
1.3	These requirements apply only to electrically operated control equipment.
1.4	These requirements apply to equipment intended to be operated and installed by qualified personnel in the field.
1.5	These requirements apply to control equipment used in or with movable engine driven assemblies that are otherwise constructed the same as stationary engine driven assemblies. These requirements do not cover:  a) Distribution equipment which sole function is the automatic or nonautomatic transferring of one or more load conductor connections from one power source to another. In Canada the Standard for Transfer Switch Equipment is CSA C22.2 No. 178.1. In the United States it is the Standard for Transfer Switch Equipment, UL 1008. b) Devices in the output power circuit, but would apply to pilot devices that monitor or control switching devices that control loads in power circuits. c) Controls for the propulsion engine of a vehicle.
1.6	d) Independent equipment that does not perform any control function of an engine driven assembly or similar power production equipment control applications. e) Equipment or devices for use in or connected to hazardous (Classified) locations. f) Industrial Control Equipment for general use. In Canada the Standard for Industrial Control Equipment is CSA C22.2 No. 14. In the United States it is the Standard for Industrial Control Equipment, UL 508. g) General Use Industrial Control Panels and Industrial Control Panel Assemblies other than power production. In Canada the Standard for Industrial Control Panels and Assemblies is CSA C22.2 No. 286. In the United States it is the Standard for Industrial Control Panels, UL 508A. h) Equipment or devices for use in mobile applications.



CLAUSE	COMMENT
	<b>The following clauses reflect CSA C22.2 No. 301:</b>
1	<b>Scope</b>
1.1	This Standard applies to industrial electrical machinery comprising interconnected mechanical, electrical, or electronic industrial equipment operating in a coordinated manner.
1.2	This Standard applies to equipment rated at not more than 1000 V intended to be installed and used in non-hazardous locations in accordance with the rules of the Canadian Electrical Code, Part I.
1.3	This Standard applies to equipment that is <ul style="list-style-type: none"> <li>a) permanently installed;</li> <li>b) mobile;</li> <li>c) relocatable; or</li> <li>d) self powered.</li> </ul>
1.4	The industrial equipment covered by this Standard is intended for use in an ambient temperature of 0 °C to 40 °C.
1.5	This Standard does not specify additional and special requirements that can apply to electrical equipment that <ul style="list-style-type: none"> <li>a) is intended for use in open air (i.e., outside buildings or other protective structures);</li> <li>b) will use, process, or produce potentially explosive material (for example paint or sawdust);</li> <li>c) is intended for use in potentially explosive and/or flammable atmospheres;</li> <li>d) has special risks when producing or using certain materials; and</li> <li>e) is intended for use in mines.</li> </ul>
1.6	This Standard does not apply to portable equipment connected by a cord and plug and operated by hand as covered by CSA C22.2 No. 71.1.
1.7	This Standard does not apply to self-propelled work platforms.
1.8	This Standard does not specify additional and special requirements that can apply to electrical welding equipment within the scope of CSA C22.2 No. 60 or CSA/CAN E60974-1.
1.9	This Standard may be used to supplement but does not replace requirements that already exist in a published CSA component standard.
1.10	In this Standard, “shall” is used to express a requirement, i.e., a provision that the user is obliged to satisfy in order to comply with the Standard; “should” is used to express a recommendation or that which is advised but not required; and “may” is used to express an option or that which is permissible within the limits of the Standard.
	Notes accompanying clauses do not include requirements or alternative requirements; the purpose of a note accompanying a clause is to separate from the text explanatory or informative material.
	Notes to tables and figures are considered part of the table or figure and may be written as requirements.
	Annexes are designated normative (mandatory) or informative (non-mandatory) to define their application.



CLAUSE	COMMENT
	<b>The follow clauses reflect NFPA 79:</b>
1.1	<b>Scope</b>
1.1.1	The provisions of this standard shall apply to the electrical/electronic equipment, apparatus, or systems of industrial machines supplied from a nominal voltage of 1000 volts or less and commencing at the point of connection of the supply circuit conductors to the electrical equipment of the machine.
1.1.2	This standard does not include the additional requirements for machines intended for use in hazardous (classified) locations.



CLAUSE	COMMENT
	<b>The following clauses reflect UL Subject 2011</b>
1	<b>Scope</b>
1.1	These requirements cover industrial machines intended for ordinary (unclassified) locations use, and for hazardous (classified) locations use, operating from a voltage of 1000 volts or less. This equipment is intended for installation, in accordance with the National Electrical Code (NEC), ANSI/NFPA 70, where the ambient temperature does not exceed 40 °C (104 °F) maximum, unless otherwise specified.
1.2	These requirements also cover the following type of machines, complying with the Electrical Standard for Machinery, NFPA 79; Machine Tools, Plastics Machinery, Wood Machinery, Assembly Machines, Material-Handling Machines, Inspection/Testing Machines, Packaging Machines, Factory Automation Equipment, Pick and Place Machines, Industrial Additive Manufacturing Machines, Car Wash Systems and Semiconductor Equipment.
1.3	Fire-protective signaling systems are covered by the Standard for Control Units and Accessories for Fire Alarm Systems, UL 864.
1.4	A freestanding assembly of circuit breakers and busses for control of electric light and power circuits or equipment intended for field installation in dead-front switchboards are covered by the Standard for Switchboards, UL 891.
1.5	Equipment intended to supply automatic illumination, power, or both, to critical areas and equipment essential to safety of human life is covered by the Standard for Emergency Lighting and Power Equipment, UL 924.
1.6	Swimming pools and spas are covered by the Standard for Electric Spas, Equipment Assemblies, and Associated Equipment, UL 1563.
1.7	Fuel cells, photovoltaic systems, or utility interactive systems are covered by the Standard for Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources, UL 1741.
1.8	Emergency alarm equipment is covered by the Standard for General-Purpose Signaling Devices and Systems, UL 2017.
1.9	Equipment for gas or vapor detection is covered by the Standard for Gas and Vapor Detectors and Sensors, UL 2075.
1.10	Communication equipment, such as telephone equipment, intended for installation in accordance with Chapter 8 of the NEC, is evaluated to the Standard for Information Technology Equipment – Safety – Part 1: General Requirements, UL 60950-1.
1.11	Physical access control systems, which provide an attended or unattended means of monitoring or controlling traffic through portals of a protected area for security purposes; or in key management systems, which regulate or control access to the use of a device by electrical, electronic or mechanical means, are covered by the Standard for Access Control System Units, UL 294.
1.12	Equipment for theft deterrent or warning purposes, such as detectors, security containers or alarms for merchandise or property, are covered by the Standard for Antitheft Alarms and Devices, UL 1037.
1.13	Equipment primarily intended to energize or de-energize electrical loads to achieve the desired use of electrical power is covered by the Standard for Energy Management Equipment, UL 916. Such equipment is intended to control electrical loads by responding to sensors or transducers monitoring power consumption, by sequencing, by cycling the loads through the use of preprogrammed data logic circuits, or any combination thereof.



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| 1.14 | Robotics and associated control equipment is covered by the Standard for Robots and Robotic Equipment, UL 1740.   |
| 1.15 | Consumer 3D Printers are evaluated to the Standard for Information Technology Equipment – Safety – Part 1: General Requirements, UL 60950-1 and the Standard for Audio/Video, Information and Communication Technology Equipment – Part 1: Safety Requirements, UL 62368-1. |
| 1.16 | Equipment intended primarily for identifying, examining, and investigating materials and making measurements and tests is covered by the Standard for Electrical Equipment for Laboratory Use; Part 1: General Requirements, UL 61010-1.                                    |
| 1.17 | Devices covered by this Outline of Investigation are not intended for the handling of hazardous materials.  |
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**PLEASE RETURN THIS PAGE TO THE INTERTEK BY RESPONDING TO THE ORIGINATING EMAIL AND ATTACHING REQUIRED DOCUMENTATION**

Please complete the following questionnaire for each Intertek Listing Report that is for UL 508, UL 508A, CSA C22.2#14, or CSA C22.2#286 to declare the products covered by each report are either within or not within the scope of UL/ULC 6200, CSA C22.2#301, UL Subject 2011, or NFPA 79 (if more space is needed, please duplicate this page).

**Applicant Name:**

Intertek Report Number	Product Description	The product within this report is in the scope of UL/ULC 6200, CSA C22.2#301, UL Subject 2011, or NFPA 79?	
		Yes*	No
		<input type="checkbox"/>	<input type="checkbox"/>
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\*If Yes, a quote is required.

Completed by:	_____
Title:	_____
Signature:	_____
Date	_____