

STANDARD INFORMATION

This SUN establishes the Continuing Certification approach for CSA C22.2 No. 61010-2-091.

Standard Number: CSA C22.2 No. 61010-2-091

Standard Name: Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use – Part 2-091: Particular Requirements for Cabinet X-Ray Systems

Standard Edition and Issue Date: 2nd Edition dated November 1, 2019

Date of Revision: November 1, 2019

Date of Previous Revision of Standard: 1st Edition reaffirmed 2019

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **No action is required for currently certified products to maintain certification.**

This SUN is being presented to assist users of the standard to appreciate the significance of the changes made to the standard that will apply should the product described be modified after January 1, 2022

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Effective immediately, this revised standard will be exclusively used for evaluation of new products.

Products certified to previous editions of CSA C22.2 61010-2-091 will need to be updated to CSA C22.2 61010-1 + Amendment 1 (November 1, 2018) when certified to CSA C22.2 No. 61010-2-091:19.

Overview of Changes: 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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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.



STANDARD INFORMATION

CLAUSE	VERDICT	COMMENT
		<i>Additions to existing requirements are <u>underlined</u> and deletions are shown lined-out below.</i>
1		The scope of the document has been clarified and limited to equipment up to 500 kV.
5.1		Additional marking requirements for x-ray generating assemblies have been added.
6.1		Requirements for high-voltage cables used in the x-ray assembly have been added.
6.7		Insulation requirements have been added.
10.3		Temperature requirements for beam-limiting devices have been added.
12		Clarification has been provided on protected equipment and partially protected equipment, and test methods.
15		Requirements for interlocks have been modified, taking into account functional safety standards.
16		Requirements for reasonably foreseeable misuse have been clarified.
17		Risk assessment has been made mandatory for specific aspects.