STANDARDS UPDATE NOTICE (SUN)
ISSUED: February 11, 2021

STANDARD INFORMATION

This SUN establishes the continued certification and superseding of ANSI Z21.20-2007 / CSA C22.2 No. 199-2007 and announces the publication of ANSI Z21.20-2014 / CAN/CSA-C22.2 No. 60730-2-5-14 as the superseding standard.

Standard: Automatic Electrical Controls for Household and Similar Use Part 2: Particular Requirements for Automatic Burner Ignition Systems and Components, ANSI Z21.20-2007 / CSA C22.2 No. 199-2007

Replaced by Standard: Automatic Electrical Controls for Household and Similar Use - Part 2-5: Particular Requirements for Automatic Electrical Burner Control Systems, ANSI Z21.20-2014 / CSA C22.2 No. 60730-2-5

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 October 19, 2023.

IMPACT, OVERVIEW, AND ACTION REQUIRED

Impact Statement: Effective immediately, this revised standard will be exclusively used for evaluation of new products unless the Applicant requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date noted above, unless the product is found to comply with new/revised requirements.

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
		Major Revisions to the 2014 Edition, with reference to ANSI Z21.20-2007•CSA C22.2 No. 199-2007
FOREWORD, 1.101DV		This Part-2 standard to be used in conjunction with CAN/CSA 60730-1Ed 4.
1.1		Includes separate electronic high voltage ignition source.
2.5		Definitions: system for permanent and non-permanent operation.
4.3.2.1		Instruction for test, ac and dc ratings.
7.2.9		T max other than 60C, for ambient temperature limits of switch head.
11.3.107		Constructional requirements: Systems declared as 2.AD, and Table 7.2, requirement 102.
11.3.108, 11.3.109		Additional constructional requirements.
11.4		Declarations related to Type 2 action.
8.1.101		Provision for protection against high-voltage ignition source.
11.3.110		Visible light flame simulation test.
13.2		Electric strength for high-voltage ignition source.
17.16.102		Endurance test of automatic and manual action operations at TMAX and TMIN, further clarifications.
17.16.104		Endurance test of automatic action at accelerated rate, further clarifications.
17.16.101.1		Endurance test, for declared ambient temperature above 1250C.
H.11.12.3.2		The software safety requirement specification shall include the safety functions. Software module documentation is required that is traceable to the software architecture. Coding standards are required.
H.11.12.3.3.1		Software testing of coding modules are included.
H.11.12.3.3		A test plan for software integration testing is required.
H.27.1.2.1.2		A high level description of the design (safety philosophy) is required.
H.26.5		Voltage dips and voltage interruptions conducted to IEC 61000-4-11.
H.26.5.4		Voltage variation test.
H.26.8		Surge immunity test procedure, conducted to IEC 61000-4-5.
H.26.12		Radio-frequency electromagnetic field immunity, conducted and radiated.
H.26.13		Test of influence of supply frequency variations.
H.26.14		Power frequency magnetic field immunity test.

CLAUSE	VERDICT	COMMENT
Table H.27.1		Modification to footnote 8, that provides additional measures or additional measures concerning contact welding for relays.
H.27.1.3.104		For lock-out or safety shut-down, requirement of an additional fault assessment in that stage.
		Revisions to the 2014 Edition, with reference to Addendum ANSI Z21.20a-2008
2.10 d		Revisions to test condition 2 (a).