

### Standard Information

**Standard Name:** Signal Equipment  
**Standard Number:** CSA C22.2.205-2012  
**Standard Edition and Issue Date:** 2012, Issued November 1, 2012  
**Date of Previous Revisions to Standard:** M83 6/1/1983 (R2011)

### Effective Date of New/Revised Requirements

**Effective Date:** **July 1, 2015**

### Impact, Fees, Overview, and Action Required

**Impact Statement:** A review of all Listing Reports is necessary to determine which products comply with new/revised requirements and which products will require re-evaluation and test. **NOTE:** 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on the Effective Date of **July 1, 2015** unless product is found to comply with new/revised requirements.

**Overview:** Specific details of the new/revised clauses of the standard are found in the table below. Requirements from withdrawn TILs H-15 and H-17 have been incorporated into this standard as Clause 7.0 (Meter mounting accessories) and Clause 8.0 (In-line UV water sterilizers) and are now part of this Certification Standard.

**Fees:** A quotation for evaluation of all current listings to CSA C22.2 No. 205 will be prepared. It will be helpful to receive any technical information before-hand (see below). This quote will be issued by March 1, 2015 to allow sufficient time for any re-evaluation and re-testing needed.

**Action Required:**

Information – Please see attached for more stringent requirements to be applied. It will be helpful if specific technical information is provided for each area to assist in verifying compliance.

Samples – A representative sample of product from each cETL Certification report will be required.

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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

### Description of New/Revised Technical Requirements

Clause	Verdict	Comment	NC#
		R = Revised Clause. N = New Clause Info = An informative change to the standard not technically affecting certifications.	
1.3 (R)	Info	Scope clarification. Equipment that perform sensing and or signaling function to convey alarm, status or event based information and subsequent actuation function. Includes signaling that employ wired or wireless means.	
1.4 (N)	Info	Additional scope coverage clarification. Includes energy management, home automation applications and components involved in smart grid applications.	
1.8, 1.9 (N)	Info	Guidance for products that do not fall under the scope of C22.2 No 205. Sensors used in medical applications for health care class A, B and C facilities, as defined in CSA Z32. Combustible gas detectors are evaluated to the requirements of CSA C22.2 No 152, and carbon monoxide alarming devices for residential applications, evaluated to the requirements of CAN/CSA No. 6.19.	
4.2.3 (N)		Flammability requirements to enclosures of devices that are powered externally by class 2, power supply.	
4.13.3 & .4 (N)		Additional requirements for isolating circuits	
4.15.4 (N)		Additional tests for rechargeable batteries.	
4.16.1 (N)		Requirements for capacitors.	
4.19	Info	Spacing revisions. Table 3, inclusion of peak voltages.	
4.19.6 (N)		Insulating materials. Addition of Tables 8 and 9.	
4.20.2 (N)		Requirements for safety functions implemented through electronics. Functional safety meets CSA Std C22.2 No. 0.8.	
4.20.3 (N)		Additional requirements for energy management devices.	
4.20.4 (N)		Requirements for remote signaling devices involving functional safety.	
4.21	Info	Requirements for power supplies, further clarifications provided.	
4.22 (N)		Additional requirements for equipment with features to connect to a telecommunication network.	
4.23 (N)		Requirements for accessories used in telecommunication applications.	
4.24 (N)		Requirements for surge suppression components.	
4.25 (N)		Requirements for motors.	
6.5.1	Info	Dielectric strength, further clarifications on the application of the test.	
6.10.3 & .4 (N)		Swivel test. Additional endurance, torsion and pull tests.	
6.12 (N)		Revised flame test 5V for polymeric enclosures.	
6.16 (N)		Impact test for enclosures of non metallic material included.	
6.17		Limited short circuit test for controls incorporating solid state device that control the output included.	
6.18		Addition of overload and endurance test for controls where applicable	
6.19		Requirements for abnormal testing included.	
6.20		Immunity requirements included. Surge immunity test and burst immunity test where applicable	
7.0 (N)		Signal sensing devices and power supplies installed in meter mounting accessories. Requirements specified in Annex-A (Previously TIL H-15).	



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8.0 (N)		In-line UV water sterilizers. Requirements specified in Annex-B (Previously TIL H-17).	
Annex-D	Info	Reference informative documents for performance requirements. Includes for gas detectors (toxic type).	
		<b>CUSTOMERS PLEASE NOTE:</b> This Table and column "Verdict" can be used by you to assist in determining how current or future production of the product is or will be in compliance with the new/revised requirements by the Effective Date.	