STANDARDS UPDATE NOTICE (SUN)
ISSUED: January 13, 2023

STANDARD INFORMATION

Standard: ULC S304
Standard ID: Standard for Control Units, Accessories and Receiving Equipment for Intrusion Alarm Systems [ULC S304:2016 Ed.3+R1;R2]
Previous Standard ID: Standard for Control Units, Accessories and Receiving Equipment for Intrusion Alarm Systems [ULC S304:2016 Ed.3+R1]

EFFECTIVE DATE OF NEW/REVISED REQUIREMENTS

Effective Date: **December 6, 2023**

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 Reports not updated to this version by the effective date above will be withdrawn.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:

- Revised requirements for transient generators used in testing
- Revised time requirements for communication receiving centers

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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
		Additions to existing requirements are underlined and deletions are shown ~~lined out~~ below.
8	Info	**PERFORMANCE**
8.15	Info	**ELECTRICAL TRANSIENT TESTS**
8.15.2	Info	**Externally Induced Supply Line Transients**
8.15.2.2		For this test, the product is to be connected to a transient generator capable of producing Location Category A 100 kHz Ring Wave transients as defined in ANSI/IEEE C62.41, Recommended Practice on Surge Voltages in Low-Voltage AC Power Circuits.
11	Info	**COMMUNICATION CHANNEL SECURITY**
11.3	Info	**PASSIVE COMMUNICATION CHANNEL SECURITY**
11.3.1	Info	**General**
11.3.1.2		Passive communication channel security is where the communication capability between the control unit and the signal receiving centre is tested (verified, confirmed) at intervals greater than 90 s but in no case exceeding 24 h, changes in the status of the control unit are communicated to the signal receiving centre within 90 s and failure of one of the communication channels is annunciated at the signal receiving centre within ~~240~~ 180 s.
11.3.3	Info	**Level P2**
11.3.3.3		Failure of either channel is reported to the signal receiving centre on the other channel within ~~240~~ 180 s.
11.3.4	Info	**Level P3**
11.3.4.3		Failure of either channel is reported to the signal receiving centre on the other channel within ~~240~~ 180 s.