

Standard Information

NOTE: This SUN replaces Intertek SUN released in September 2010 (paragraphs added).

Standard Name: Single and Multiple Station Smoke Alarms

Standard Number: UL 217

Standard Edition and Issue Date: 6th Edition Dated August 25, 2006

Date of Revisions: November 20, 2012

Date of Previous Revisions to Standard: 6th Edition Revised April 16, 2012

Effective Date of New/Revised Requirements

Effective Date (see Processing Schedule below): **August 24, 2015**

Impact, Overview, Fees 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. **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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on Effective Date of **August 24, 2015** unless product is found to comply with new/revised requirements.

Overview of Changes: General updates and revisions plus new added Surge Immunity Test. Specific details of new/revised requirements are found in table below.

Processing Schedule: So that production of products bearing Listing Marks will not be interrupted, the following schedule of *approximate* dates has been established to ensure Listing Reports are found compliant by Effective Date:

- December 31, 2014 = 8 Month Quotes prepared by Intertek for reports requiring re-testing.
- February 27, 2015 = 6 Month Quote Cut-off – Quotes returned for necessary re-evaluations
- July 24, 2015 = 30 Day Warning – Client advised of all non-compliant Reports to be Suspended
- **August 24, 2015** = Effective Date – ATM Suspended for all non-compliant Reports

Fees: A quotation will be prepared for the resubmittal and re-evaluation of currently certified smoke alarms. All products must be found compliant and reports updated to show compliance by August 24, 2015.

Client Action Required:

Information – To assist the Intertek Engineer with evaluation of Reports, please submit technical information in response to new/revised paragraphs noted in the attached.

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 – Please immediately identify any current Listing Reports or products that are no longer active and should be removed from our records.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



Standards Update Notice (SUN)

Issued: December 6, 2013

Description of New/Revised Technical Requirements

| Clause | Verdict | Comment | NC# |
|---|---------|--|-----|
| | | General updates as noted | |
| 8.1c, 8.3c | | Modified to allow for swing-out/pull-out battery compartment if resistant to being closed without a battery. | |
| 8.1d, 8.3d | | Modified to require a trouble signal on AC powered alarm with battery back-up when battery is removed. | |
| 8.1e, 8.3e | n/a | Replaces deleted 8.2 to allow more flexibility and innovation. | |
| 8.2, 8.4 | n/a | Deleted. | |
| 8.3 | n/a | Editorial change to clarify product shall comply with one of 8.3 subparagraphs for non-replaceable battery deactivation. | |
| 8.5 | n/a | Revised to allow for additional warning flag options. | |
| 14.1 | | Secondary power supply was removed as an option and is now required. | |
| 33.2.2, 33.2.3 | | Secondary power supply requirements. | |
| 45, 46 | n/a | Revised name of tests | |
| 92.6 | n/a | Marking – Revised to align with 8.5 allowances. | |
| | | Specific updates addressing new Surge Immunity Test | |
| 53.6 – 53.9, Table 53.1, Table 53.2 | | Surge Immunity Tests– Aligns with surge immunity tests from IEC 61000-4-5 and was adopted in response to CPSC and UL research findings. Engineering assessment and testing of all 120VAC+ powered products will be required. | |
| | | CUSTOMERS PLEASE NOTE: This Table and column “Verdict” can be used by 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. | |