



Standards Update Notice

{UL 217 **Edition** 6 Revised May 11, 2010} JK 6/18/10

FOR INTERNAL USE ONLY

Standard Information

ADDEMDUN (DATED August 31, 2010) – Revisions to UL 217 dated August 4, 2010 establish an Effective Date of August 4, 2015 for New/Revised Paragraphs 53.6.1, 53.6.2, 53.6.3, 53.6.4, 53.7.1, 53.7.2, 53.7.3 and Table 53.1

Standard Name: Single and Multiple Station Smoke Alarms

Standard Number: UL 217

Date of Revisions: May 11, 2010

SSQ Category: M3

Industry Affected: Life Safety and Security Systems.

Project Timeline:

Client Notification	Sales Follow-Up	Quote Deadline	Effective Dates
July 19, 2010	August 2, 2010	April 24, 2011	October 24, 2011 August 4, 2015

Description of Changes

Impact Statement: A review of all Listing Reports is necessary to determine which products already comply with these 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requests in writing that current requirements be used along with their understanding that their listings will be withdrawn on the **Effective Dates of October 24, 2011 and August 4, 2015**, unless product is found to comply with the new/revised requirements.

Summary of Changes:

Paragraphs	General Subject and Comment
34.3	Revisions to requirements covering use of voice messages contained in the alarm signal. Some existing Listed smoke alarms will need to be tested to verify compliance with these new requirements and may need revision to their construction to comply. The marking, installation instructions, and packaging may also require revisions.
37.3.3	Editorial revisions to descriptions of smoke box air circulation fans. No action required.
Section 60	The Jarring Test will now be conducted in both orientations (vertical and horizontal).



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Paragraphs	General Subject and Comment
	Existing Listed smoke alarms will need to be tested to verify compliance with these new requirements and may need revision to their construction to comply.
65.2.1	Editorial revisions correcting description of sound output measurements. No action required.
78.2	New requirement that smoke alarms Listed for use in recreational vehicles either employ alarm silencing, or be of the photoelectric type. Some existing Listed smoke alarms may need to be tested to verify compliance with these new requirements and may need revision to their construction to comply.
83.4	New requirement that smoke alarms Listed for use in recreational boats either employ alarm silencing, or be of the photoelectric type. Some existing Listed smoke alarms may need to be tested to verify compliance with these new requirements and may need revision to their construction to comply.
78.3	Batteries used to power smoke alarms Listed for use in recreational vehicles must have a published operational specification range of minus 18°C to 54°C (0 to 130°F). Some existing Listed smoke alarms may need to use different battery (ies) to comply. In that case, marking and installation instruction revisions may also be needed.
83.5	Batteries used to power smoke alarms Listed for use in recreational boats must have a published operational specification range of minus 18°C to 54°C (0 to 130°F). Some existing Listed smoke alarms may need to use different battery (ies) to comply. In that case, marking and installation instruction revisions may also be needed.
94.1	Installation instructions must be revised to include updated references and extracted text from NFPA 72. The instructions may also need revision to include the revised text in 94.1 (e) specifying descriptions of situations where smoke alarm may not be effective.
The Effective Date has been established by Underwriters Lab as August 4, 2015	
1.1	Addition of a reference to NFPA 302 in Scope. No Action required.
44.1.1	Addition of lower beam limits for flammable liquid fuel fire. No Action required.
45.3	Clarification of Smoldering Smoke Test wood stick amount and orientation. No action required.
53.6.1, 53.6.2, 53.6.3, 53.6.4, 53.7.1, 53.7.2, 53.7.3, and Table 53.1	New Surge Tests. Existing Listed smoke alarms will need to be tested to verify compliance with these new requirements and may need revision to their construction to comply.



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Opportunities

This info is provided for Sales in projecting shift and revenue estimates.

For Each Report of Each Client	Estimated Time	Estimated Revenue
File Review	2-4 hours	\$450 - 900
Potential Engineering Evaluation of Client Responses, Data Sheets, etc.	2-4 hours	\$450 - 900
Potential Testing	1-3 days	\$1800 – 5400
Report Revisions	4-8 hours	\$900 – 1800
Estimated Revenue per Project		\$3600 - 9000

NOTICE:

These estimates are for internal reference only. You must contact your local engineering office before issuing quotes to clients.

Number of Clients affected: 4

(Note1 – This info is requested/obtained from Joanne Nutting/Barb Fritts)

(Note2 – Some clients have several listing reports)

Minimum Revenue Opportunity: \$

(If only file reviews and report revisions are necessary for all clients)

Maximum Revenue Opportunity: \$

(If __ full days of testing are necessary for all clients)

(Total Revenue Opportunity = Estimated Revenue per Project × Number of Listees affected)