

Subject 1778

August 11, 2017

SUMMARY OF TOPICS

The following topics for the Standard for Uninterruptible Power Systems, UL 1778, are being recirculated:

3. Update to Table 4.5.3.101A for temperature limits

4. Revision to bus bar temperature limits

COMMENTS DUE: SEPTEMBER 11, 2017

For your convenience in review, proposed additions to the previously proposed requirements dated March 24, 2017 are shown underlined and proposed deletions are shown ~~lined-out~~.

3. Update to Table 4.5.3.101A for temperature limits

Responses to comments have been posted within the 1778 Proposal Review Work Area dated 3-24-17. No changes have been made to the previously proposed revision. Note that the purpose of a recirculation of comments only is intended solely to provide STP members the opportunity to review the comments and responses, and to either reconsider their vote or cast a first-time vote. New comments on the previously proposed revision for this Topic will not be provided with a specific response. Any additionally desired changes should be submitted as a new proposal request via CSDS.

4. Revision to bus bar temperature limits

RATIONALE

Changes to the proposed requirements dated March 24, 2017 are shown. These changes are being recirculated to address comments submitted to CSA Group.

PROPOSAL

Table AAA.8.3
Maximum bus bar temperatures

Component	°C
Bus bar	140 ^a
^a The maximum permitted temperature <u>for copper construction</u> is determined by the temperature limit of support materials or insulation of connecting wires or other components. A maximum temperature of 140 °C is recommended. The bus bar temperature limit requirement shall apply irrespective of the presence or absence of plating of bus bars.	

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