

FORM FOR PROPOSAL FOR 2014 NATIONAL ELECTRICAL CODE®

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Type or print **legibly** in **black ink**. Use a separate copy for each proposal. Limit each proposal to a **SINGLE** section. All proposals **must be received by NFPA by 5 p.m., EST, Friday, November 4, 2011**, to be considered for the 2014 National Electrical Code. Proposals received after 5:00 p.m., EST, Friday, November 4, 2011, will be returned to the submitter. If supplementary material (photographs, diagrams, reports, etc.) is included, you may be required to submit sufficient copies for all members and alternates of the technical committee.

For technical assistance, please call NFPA at 1-800-344-3555.

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Date 2 Nov 2011 Name John C. Wiles, Jr Tel. No. 575-646-6105
Company Southwest Technology Development Institute, New Mexico State University Email jwiles@nmsu.edu
Street Address 3705 RESEARCH DR/MSC 3 SOL City LAS CRUCES State NM Zip 88003

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1. Section/Paragraph Informational Note to Table 310.15(B)(3)(c)

2. Proposal Recommends (check one): ☐ new text ☒ revised text ☐ deleted text

3. Proposal (include proposed new or revised wording, or identification of wording to be deleted): [Note: Proposed text should be in legislative format; i.e., use underscore to denote wording to be inserted (inserted wording) and strike-through to denote wording to be deleted (~~deleted wording~~).]
Informational Note to Table 310.15(B)(3)(c): The temperature adders in Table 310.15(B)(3)(c) are based on ~~the results of averaging the measured temperature rise above the local climatic ambient temperatures due to sunlight heating~~. These adders should be applied to the highest expected 3-hour operating temperature referenced in 310.15(B)(3)(c) Informational Note.

4. Statement of Problem and Substantiation for Proposal: (Note: State the problem that would be resolved by your recommendation; give the specific reason for your Proposal, including copies of tests, research papers, fire experience, etc. If more than 200 words, it may be abstracted for publication.)

The Informational Note to Table 310.15(B)(3)(c) inaccurately states that the table is based on the results of averaging ambient temperatures. In fact, the table simply establishes the temperature adder to be applied to the highest expected 3-hour operating temperature. A revised 310.15(B)(3)(c) Informational Note clearly states a source for this very data. The Informational Note in 310.15(B)(3)(c) of the *2011 NEC* is one of the only references to a temperature data source. Unfortunately, the reference inaccurately specifies “the average ambient temperature,” rather than a statically valid operating temperature. Of all the data provided by the tables in the ASHRAE Handbook—Fundamentals, the 2% Monthly Design Dry Bulb Temperature most closely matches the concerns of the *National Electrical Code* by establishing a statistically valid, 3-hour operating temperature value to use for any table that establishes high temperature correction factors.

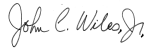
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