

FORM FOR PROPOSALS FOR 2008 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, 2005, to be considered for the 2008 National Electrical Code. Proposals received after 5:00 p.m., EST, Friday, November 4, 2005, 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.

LOG #

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Company U.S. Consumer Product Safety Commission

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Please Indicate Organization Represented (if any) U.S. Consumer Product Safety Commission

1. Section/Paragraph 210.12(A)

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

3. Proposal (include proposed new wording, or identification of wording to be deleted):

(See attached Proposal)

4. Statement of Problem and Substantiation for Proposal:

(See attached Statement of Problem and Substantiation for Proposal)

5. ☒ This Proposal is original material (Note: Original material is considered to be the submitter's own idea based on or as a result of his/her own experience, thought or research and, to the best of his/her knowledge, is not copied from another source.)

☐ This Proposal is not original material, its source (if known) is as follows: _____

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Quincy, MA 02269 or FAX to 617-770-3500

Proposal for 210.12 (A)

Revise section 210.12 (A) to read as follows:

- (A) Definition: Arc-Fault Circuit Interrupter (AFCI). An arc-fault circuit interrupter is a device intended to provide protection from the effects of arc faults by recognizing characteristics unique to arcing and by functioning to de-energize the circuit when an arc fault is detected.

Statement of Problem and Substantiation for Proposal:

The acronym "AFCI" is used in 210.12(B) but is not previously defined. Appropriately, the acronym "GFCI" is in the definition of Ground-Fault Circuit Interrupter (GFCI) in article 100.

Some people are still confused by arc-fault circuit interrupters, which are used to protect against arcing faults to prevent fires, and ground-fault circuit interrupters, which are used for personnel protection against electrical shock. This addition will help users to relate arc-fault circuit interrupter to AFCI.

Submitter: Doug Lee, U.S. Consumer Product Safety Commission Staff*