

FORM FOR COMMENT FOR 2014 NATIONAL ELECTRICAL CODE®

INSTRUCTIONS — PLEASE READ CAREFULLY

Type or print **legibly**. Use a separate copy for each comment. Limit each comment to a **SINGLE** section. All comments **must be received by NFPA by 5 p.m., EDST, Wednesday, October 17, 2012**, to be considered for the 2014 National Electrical Code. Comments received after 5:00 p.m., EDST, Wednesday, October 17, 2012, will be returned to the submitter.

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

FOR OFFICE USE ONLY

Log #: _____

Date Rec'd: _____

Please indicate in which format you wish to receive your ROP/ROC ☒ electronic ☐ paper ☐ download
(Note: If choosing the download option, you must view the ROP/ROC from our website; no copy will be sent to you.)

Date 10/17/12 Name William F. Brooks Tel. No. 707-332-0761
Company Brooks Engineering Email bill@brooksolar.com
Street Address 3949 Joslin Lane City Vacaville State CA Zip 95688

***If you wish to receive a hard copy, a street address **MUST** be provided. Deliveries cannot be made to PO boxes.

Please indicate organization represented (if any) _____

1. Section/Paragraph 690.56(B)

2. Comment on Proposal No. (from ROP): 4-320

3. Comment recommends (check one): ☐ new text ☒ revised text ☐ deleted text

4. Comment (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~~).

Revise the text proposed by 4-320 with the modified text as shown:

(B) Facilities with Utility Services and PV Systems. Buildings or structures with both utility service and a photovoltaic system shall have a permanent plaque or directory providing the location of the service disconnecting means and the photovoltaic system disconnecting means if not located at the same location. The marking shall be in accordance with 690.31(E). For PV systems complying with 690.12, the plaque or directory shall include the following wording or equivalent: PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN. OPERATION OF RAPID SHUTDOWN REDUCES VOLTAGE OF PV SYSTEM CONDUCTORS TO NO MORE THAN 30 VOLTS INSIDE BUILDING AND 10 FEET FROM ARRAY. MAXIMUM VOLTAGE AT ARRAY 80VDC AFTER SHUTDOWN
The warning sign(s) or label (s) shall comply with 110.21(B).

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

The rewording is necessary for consistency with the significant rewording of 690.12 that is referenced in 690.56(B). The words "following" and "or equivalent" were added to the sentence before the sign language so that products that exceed these requirements can reword the sign to accurately state additionally where voltage is reduced. The reference to 110.21(B) was added for consistency with other additions throughout this Code.

6. Copyright Assignment

- (a) ☒ I am the author of the text or other material (such as illustrations, graphs) proposed in the Comment.
- (b) ☐ Some or all of the text or other material proposed in this Comment was not authored by me. Its source is as follows:
(please identify which material and provide complete information on its source)

I hereby grant and assign to the NFPA all and full rights in copyright in this Comment and understand that I acquire no rights in any publication of NFPA in which this Comment in this or another similar or analogous form is used. Except to the extent that I do not have authority to make an assignment in materials that I have identified in (b) above, I hereby warrant that I am the author of this Comment and that I have full power and authority to enter into this assignment.

Signature (Required)

William F. Brooks

PLEASE USE SEPARATE FORM FOR EACH COMMENT

Mail to: Secretary, Standards Council · National Fire Protection Association
1 Batterymarch Park · Quincy, MA 02169-7471 OR
Fax to: (617) 770-3500 OR Email to: proposals_comments@nfpa.org

