

# 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 15 OCT 2012 Name JOHN C. WILES, JR. Tel. No. 575-646-6105

Company SOUTHWEST TECHNOLOGY DEVELOPMENT INSTITUTE/NMSU Email jwiles@nmsu.edu

Street Address 3705 RESEARCH DRIVE City LAS CRUCES State NM Zip 88003

\*\*\*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) PV INDUSTRY FORUM

1. Section/Paragraph 690.35(D)

2. Comment on Proposal No. (from ROP): 4-403

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 690.35(D) as follows adding an additional item.

**690.35(D)** The photovoltaic source conductors shall consist of the following:

- (1) Nonmetallic jacketed multiconductor cables
- (2) Conductors installed in raceways, ~~or~~
- (3) Conductors listed and identified as Photovoltaic (PV) Wire installed as exposed, single conductors, ~~or~~
- (4) ~~Direct-buried conductors~~ Conductors that are direct-buried and identified for direct-burial use.

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.)

Clarifies intent and language of previously rejected proposal. It is believed that the proposal was originally rejected because the language was incomplete and could be interpreted to allow use of direct-burial conductors anywhere in the PV system. The revised language clarifies that PV source conductors can be direct-buried underground as long as the conductors are identified for such use. "Direct-buried" means physically installed underground, not listed for direct burial. The language is consistent with other parts of the 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)

*John C. Wiles, Jr.*

**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](mailto:proposals_comments@nfpa.org)

10/15/2012