

2011 NEC® Update Notice Mark W. Earley, P.E., Chief Electrical Engineer National Fire Protection Association® 1 Batterymarch Park Quincy, MA 02169-7471



WARNING! Your NEC and Handbook are now out of date.



National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471 • 1.800.344.3555

#### **WARNING!**

## Your 2005 NEC and Handbook are now out-of-date. Get the updated 2011 Editions today for 15% off!

Dear John Q. Sample,

Time flies. For example....

The new 2011 NEC® and NEC Handbook have been out since September.

But our records show you don't own the new editions.

That means you're working from your 2005 NEC or Handbook.

Those 2005 editions...and the requirements they contain...are rapidly becoming dated.

Hundreds of changes have been reflected in the new editions.

As an electrical professional, you know it's important to keep up with the latest developments in electrical installations and codes.

Now you can replace your old 2005 NEC or Handbook with brand new and completely up-to-date 2011 editions—at significant savings.

And you should, because the Code and Handbook are radically different from when they were published in 2005. As an article in the November 2010 issue of the electrical industry's resource EC&M magazine explains:

"The steady introduction of new products and technologies into the marketplace—coupled with the release of new research findings—creates a seemingly never-ending flow of necessary revisions (some of which are comprehensive) to this widely accepted electrical code."

The National Electrical Code\* isn't static. It's dynamic...and constantly evolving. One of your challenges as an electrical professional is to keep current with the Code and understand how to apply it to your installations.

That's where the 2011 NEC and 2011 NEC Handbook come in.

Here are just a few sections of the Code that have been revised and updated for the new 2011 edition:

over please...

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- > 110.24 Available Fault Current—some equipment must be marked with the available fault current and requires updating of that marking if modifications of the electrical system occur.
- > 210.8 GFCI Protection—a new requirement states that the ground-fault circuit-interrupter device must be installed at a readily accessible location.
- > 210.12 Arc-Fault Circuit Interrupter Protection for Residences—changes in requirements permitting for outlet type AFCI protection as well as changes in requirements for branch circuit extensions.

The 2011 NEC\* also covers changes to the sections on conductor installation...neutral conductors... cable trays...grounding electrodes...electrical conductivity of metal raceways...outlet boxes...bushings... receptacle cover plates...motor terminal housings...over-current protection...optical fiber cables...primary protector grounding and bonding...ratings for individual motor circuits...load calculations for service conductors...and dozens more.

"The NEC is truly everybody's Code," says NFPA member Donald Cook, Chief Electrical Inspector, Shelby County Developmental Services Department. "The NEC sets up a minimum basis for safety, and it reacts to the latest knowledge. If the general public understood how the latest NEC protects us all from electrical hazards, people would insist on it."

Order the 2011 NEC and 2011 NEC Handbook as a set now and get a 15% discount—a savings of \$35. The NEC Handbook is your most important reference for interpreting and clarifying Code requirements, giving you in-depth expert commentary explaining the Code's intent-including first-time coverage of significant revisions.

You'll find the 2011 NEC Handbook invaluable. Written by NFPA Code experts, it's loaded with photographs, illustrations, wiring diagrams, and authoritative explanations of the important Code changes and how to apply them in your applications. To view an online demo, go to nfpacatalog.org/nec7 and click "View."

With the 2011 NEC and Handbook at your fingertips, you can make certain that your installations are up-to-code, so they get quick approval from electrical inspectors without delay or problem.

Best of all, your satisfaction with the 2011 NEC and 2011 NEC Handbook is 100% guaranteed. If you are not completely satisfied, simply return them within 30 days for a full and prompt product refund.

To order the 2011 NEC and Handbook Set on a risk-free 30-day trial basis, just complete and mail the Order Card enclosed, call toll-free 800-344-3555, or visit nfpacatalog.org/nec7. Send no money now, We'll bill you later.

Sincerely,

Mark W. Earley, P.E.

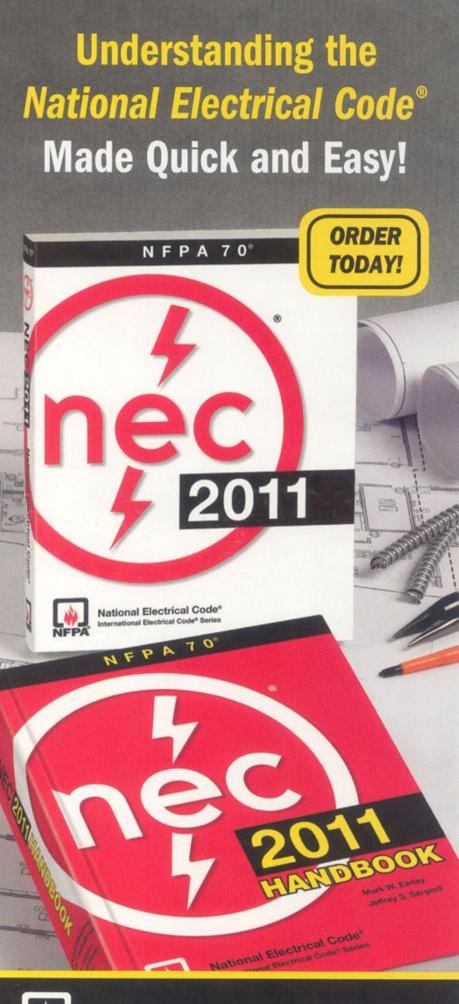
Chief Electrical Engineer, NFPA®

P.S. Don't forget to order a set of tabbed section dividers. They quickly transform our comprehensive editions into easy-to-use "quick-find" reference guides.

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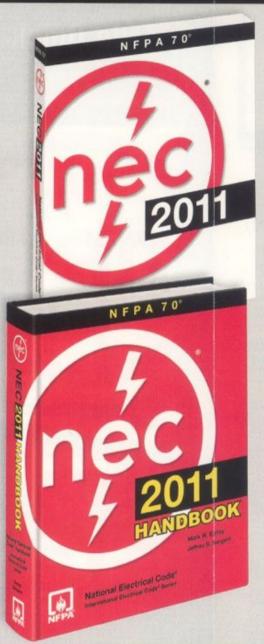
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Get the complete set! 2011 NEC® with 2011 NEC Handbook

# 2011 NEC and 2011 NEC Handbook: Helping You Stay Up to Code



The National Electrical Code® is your authoritative guide within the electrical industry. Electrical work in every type of building today—residential, commercial, industrial—demands the best practices designed and developed for the electrical community. In addition to protecting people and property against fire hazards, you'll protect your work from costly re-dos and violations that impact your reputation and your bottom line.

The 2011 NEC® Handbook is your most important reference to the new 2011 National Electrical Code. You get in-depth commentary explaining the Code's intent, including first-time coverage of significant revisions. The Handbook also includes the full 2011 NEC text...explanations, rationale, calculations, and examples...and over 500 full-color photos and illustrations such as schematics, floor plans, wiring diagrams, and cross-sectional graphics.

### Here's just a small sampling of the hundreds of changes from the 2008 NEC made in the 2011 Edition....

- Section 90.5 Mandatory Rules, Permissive Rules, and Explanatory Material
- > Article 100 Definitions: I. General
- Section 110.3 Examination, Identification, Installation, and Use of Equipment
- Section 110.14 Electrical Connections
- > Section 110.16 Arc-Flash Hazard Warning
- > Section 110.22 Identification of Disconnecting Means
- > Section 110.24 Available Fault Current
- > Section 110.31 Enclosure for Electrical Installations
- > Section 110.34 Work Space and Guarding
- > Section 110.74 Conductor Installation
- > Section 210.12 Arc-Fault Circuit-Interrupter Protection
- > And many more....



SAVE 15% or more on the 2011 NEC & Handbook Set

Item No. G4-70SBS11 \$234.00 \$199.00 | \$179.11 Members

(NEC: Softbound, 870 pp., 2011; Handbook: Hardbound, 1,512 pp., 2011)

Mail the enclosed card, call toll-free 1.800.344.3555, or go nfpacatalog.org/nec7

## The 2011 NEC and 2011 NEC Handbook: perfect together

We're trying to accommodate a significant amount of electrical use in this country as well as growing in other countries. The 2011 NEC has the ability to make sure that

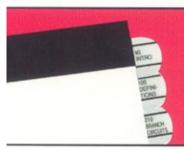


we carry forward in newer technologies such as solar or wind, and also to ensure that people can interact with these systems in a safe manner. Commentary in the 2011 NEC Handbook provides the opportunity to connect you between the Code text and what you would see in a reallife installation. 77

- Jim Pauley, P.E., Vice President, Industry and Government Relations, Schneider Electric/Square D Company, Lexington, KY



Watch what others have to say about the 2011 NEC® and Handbook at nfpacatalog.org/nec7 Search for G4-70SBS11



#### Don't forget your **2011 NEC Tabs!**

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Tabs affix to Code or Handbook.

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our codes, standards, and reference materials. If you are not 100% satisfied, you may return all, or any part of your order within 30 days for a full and prompt product refund. That way, you risk nothing.

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