

**To:** Holders of WC 51-1986 (R1991)  
**From:** NEMA Communications Department  
**Date:** August 23, 2000  
**Subject:** Reaffirmation of WC 51-1986 (R1991)/ICEA No. ICEA P-54-440 Third Edition  
*Ampacities of Cables in Open Top Cable Trays*



The NEMA Codes and Standard Committee has reaffirmed NEMA Standard Publications No. WC 51, 1986 (R1991)/ICEA No. P-54-440 Third Edition *Ampacities of Cables in Open Top Cable Trays*. The new designator for this standard is:

**WC 51-1986 (R1991, R2000)/ICEA No. ICEA P-54-440 Third Edition *Ampacities of Cables in Open Top Cable Trays***

Please insert the enclosed revised title page into your existing standard.

**NEMA Standards Publication No. WC 51-1986 (R1991, R2000)/  
ICEA Standards Publication No. ICEA P-54-440 Third Edition**

*Ampacities of Cables in Open Top Cable Trays*

*Published by:*

**National Electrical Manufacturers Association**  
1300 North 17th Street, Suite 1847  
Rosslyn, VA 22209

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**TO:** All holders of WC 51-1986 (R1991)

**FROM:** NEMA Communications Director

**RE:** Revision 1 to WC 51-1986 (R1991)

**DATE:** 3 October, 1994

Enclosed please find revision 1 to WC 51-1986 (R1991). This includes the revised page, a new title page reflecting the revised status of the publication and a list of effective pages showing the most up to date versions of every page in the standard. The old page and old title page should be removed and replaced with the new pages here. This will bring your copy of WC 58 up to date.



*A-33-01*  
**National Electrical Manufacturers Association**  
2101 L Street, N.W. Suite 300  
Washington, D.C. 20037 (202) 457-8400

June 23, 1987

TO ALL REPRESENTATIVES OF MEMBER COMPANIES  
IN THE POWER AND CONTROL CABLE, AND THE BUILDING WIRE AND CABLE SECTIONS

Subject: Correction of Page 3 of ICEA Publication No. P-54-440/NEMA Publication  
No. WC 51

Dear Representative:

Enclosed is a corrected page 3 for NEMA Standards Publication No. WC 51-1986. The new page 3 contains a formula under Section 2.5 which was inadvertently left out of the publication because of a printer's error.

Please insert the new page 3 into your booklet, and remove the old page 3.

Sincerely yours,

*Krystyna Bagnato*  
Krystyna Bagnato  
Standards Publications Editor

Enc: Corrected Page 3 of WC 51-1986  
Copies to: All Known Holders of WC 51  
pal

ICEA STANDARDS PUBLICATION/NO. P-54-440  
NEMA STANDARDS PUBLICATION/NO. WC 51

# icea/nema

## Ampacities of Cables in Open-top Cable Trays



NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION ■ 2101 L STREET, N.W., WASHINGTON, D.C. 20037  
INSULATED CABLE ENGINEERS ASSOCIATION ■ PO BOX P, SOUTH YARMOUTH, MA 02664

**ICEA P-54-440 (Third Edition)  
NEMA WC 51-1986 (R1991)**

**WC 51**

***AMPACITIES OF CABLES IN OPEN-TOP CABLE TRAYS***

**Revision No. 1, August 1994**

*Published by:*

**National Electrical Manufacturers Association  
2101 L Street, N.W., Suite 300  
Washington, DC 20037**

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ICEA P-54-440

WC 51-1986 (R1991)

**List of Effective Pages**

Pages with a revision number of 0 are originals. They have not been revised. Pages with a revision number of 1 were altered in revision 1.

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## Foreword

This Standards Publication for *Ampacities of Cables in Open-top Cable Trays* (ICEA P-54-440, NEMA WC 51-1986) was developed by the Insulated Cable Engineers Associates, Inc. (ICEA) and approved by the National Electrical Manufacturers Association (NEMA). It supersedes WC 51-1975 (R 1980).

ICEA/NEMA standards are adopted in the public interest and are designed to eliminate misunderstanding between the manufacturer and the user and to assist the user in selecting and obtaining the proper product for his particular need. Existence of an ICEA/NEMA standard does not in any respect preclude the manufacture or use of products not conforming to the standard. The user of this Standard is cautioned to observe any health or safety regulations and rules relative to the manufacture and use of cable made in conformity with this Standard.

Requests for interpretation of this Standard must be submitted in writing to the Insulated Cable Engineers Association, Inc., P.O. Box P, South Yarmouth, Massachusetts 02664. An official written interpretation will be provided. Suggestions for improvements gained in the use of this Standard will be welcomed by the Association.