



NESC and OSHA Newsletter

January 3, 2017



Training

Live Web Seminars
eLearning
In-House Training

Books

NESC
Design & Operations (Power)
Design & Operations (Comm)
California
NEC/NFPA
OSHA

Expert Witness

David J. Marne, P.E.

Newsletter

[Archives](#)

Company

[About Us](#)
[Contact Us](#)

For the next several newsletters, we will discuss significant changes to the 2017 NESC Code Rules. The topic for this newsletter is...

NESC Rule 238C and Table 238-2: Vertical clearance of span wires and brackets from communication lines and equipment

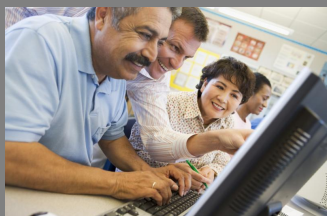
Before we discuss Rule 238C, it is important to note that Rule 238E defines the Communication Worker Safety Zone (CWSZ). A common clearance value for the CWSZ is 40 inches but the clearance can be more for higher voltages or the clearance can be less when exceptions apply. Per Rule 238E, "Except as allowed by Rules 238C, 238D, and 239, no supply or communication facility shall be located in the communication worker safety zone." Of the items discussed in Rule 238C, a bracket carrying a luminaire (light fixture) is probably the most common item found in the CWSZ. A major change in the 2017 NESC can be found in NESC Table 238-2. The clearance for a **NOT** effectively grounded street light bracket changed from 20 inches above messengers carrying communication cables to 40 inches. In other words, for a street light bracket to be in the 40 inch CWSZ, the street light bracket must be effectively grounded.

Fig. 238-13 from [McGraw-Hill's NESC 2017 Handbook](#) is shown below for more information.

Last Chance to Register!!

Need a quick overview of the 2017 NESC Major Changes?

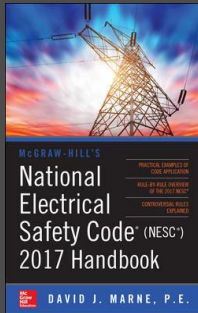
Do you want to attend a class without leaving your office?



Try our 90 minute
Live Web Seminar!

(Presented by David Marne)

January 9, 2017



McGraw-Hill's NESC 2017
Handbook
by David J. Marne (\$99)

[Order Now: In Stock!](#)

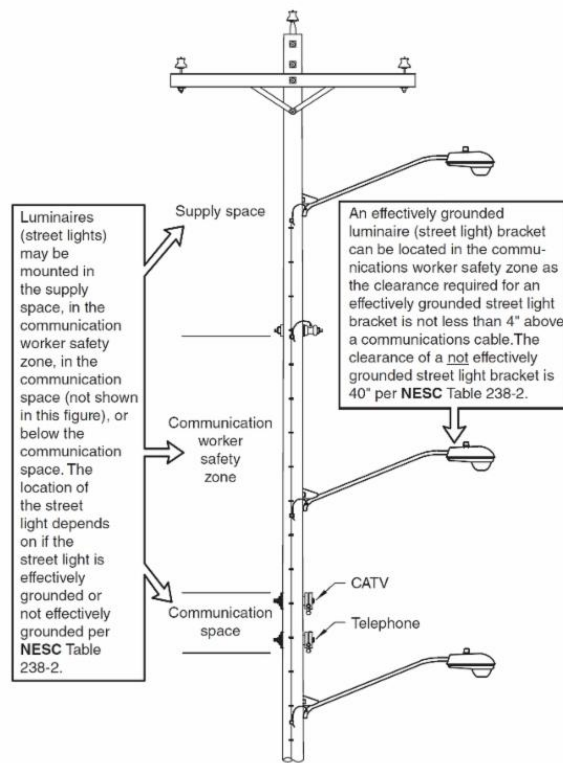
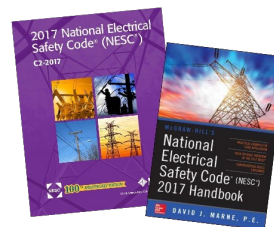


Fig. 238-13. Example of locating a luminaire on a pole (Rule 238).

To learn more about this and other changes, click on the links below.

Marne and Associates, Inc.
has all of the tools you'll need to implement these
2017 NESC Changes and more!



Books

McGraw-Hill's NESC® 2017 Handbook
by David J. Marne (\$99)
[Order Now! In Stock!](#)

2017 IEEE National Electrical
Safety Code (NESC) (\$210)
[Order Now: In Stock!](#)



Live Web Seminars (90 minutes)

- January 9, 2017
- Custom Live Web Seminars (Upon request.)

[Click here for more information!](#)



In-House Seminars

Schedule a 1-day or 2-day
2017 NESC® Changes Seminar at
your utility or association.

[Click here for more information!](#)



Marne and Associates, Inc.
Experts in Electrical Code

Contact us at:

www.marneassociates.com or 406.544.8997

Join the mailing list

Forward to a Friend