

IEEE Std 142™-2007(Revision of
IEEE Std 142-1991)

Errata to IEEE Recommended Practice for Grounding of Industrial and Commercial Power Systems

Sponsor

Power Systems Engineering Committee

of the

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*Correction Sheet***17 April 2014**

Subclause 4.3.1 Choice of rods should be corrected as follows because 1/2 inch is 12.7 mm; not 2.7 mm.

— *The second sentence of the first paragraph of 4.3.1 should read:*

For most applications, the diameters of 12.7, 15.88, and 19.05 mm (1/2, 5/8, and 3/4 in, respectively) are satisfactory.

— *The third sentence of the first paragraph of 4.3.1 should read:*

The NEC specified that rods of steel or iron shall be at least 15.88 mm (5/8 in) in diameter and that rods of nonferrous materials shall not be less than 12.7 mm (1/2 in) in diameter.

— *The fourth sentence in the third paragraph of 4.3.1 should read:*

Average soil conditions will permit the use of the 12.7 mm (1/2 in) rod.