

**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

**IEEE Industry Applications Society**

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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.**