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B.1.7 IEEE Publications.

Institute of Electrical and Electronic Engineers, IEEE Operations Center, 445 Hoes Lane, P. O. Box 1331, Piscataway, NJ 08855-1331.

ANSI/IEEE C2, *National Electrical Safety Code*, 2012.

ANSI/IEEE C 37.20.6, *Standard for 4.76 kV to 38 kV-Rated Ground and Test Devices Used in Enclosures*, 2007.

IEEE 4, *Standard Techniques for High Voltage Testing*, 2013.

IEEE 450, *IEEE Recommended Practice for Maintenance, Testing, and Replacement of Vented Lead-Acid Batteries for Stationary Applications*, 2010.

IEEE 516, *Guide for Maintenance Methods on Energized Power Lines*, 2009.

IEEE 937, *Recommended Practice for Installation and Maintenance of Lead-Acid Batteries for Photovoltaic Systems*, 2007.

IEEE 946, *IEEE Recommended Practice for the Design of DC Auxiliary Power Systems for Generating Systems*, 2004.

IEEE 1106, *IEEE Recommended Practice for Installation, Maintenance, Testing, and Replacement of Vented Nickel-Cadmium Batteries for Stationary Applications*, 2005 (R 2011).

IEEE 1184, *IEEE Guide for Batteries for Uninterruptible Power Supply Systems*, 2006.

IEEE 1187, *Recommended Practice for Installation Design and Installation of Valve-Regulated Lead-Acid Storage Batteries for Stationary Applications*, 2002.

IEEE 1188, *IEEE Recommended Practice for Maintenance, Testing, and Replacement of Valve-Regulated Lead-Acid (VRLA) Batteries for Stationary Applications*, 2005 (R 2010).

IEEE 1491, *IEEE Guide for Selection and Use of Battery Monitoring Equipment in Stationary Applications*, 2012.

IEEE 1584TM, *Guide for Performing Arc Flash Hazard Calculations*, 2002.

IEEE 1584aTM, *Guide for Performing Arc Flash Hazard Calculations, Amendment 1*, 2004.

IEEE 1584bTM, *Guide for Performing Arc Flash Hazard Calculations — Amendment 2: Changes to Clause 4*, 2011.

IEEE 1657, *Recommended Practice for Personnel Qualifications for Installation and Maintenance of Stationary Batteries*, 2009.

IEEE 3001.5 Recommended Practice for the Application of Power Distribution Apparatus in Industrial and Commercial Power Systems

IEEE 3003.1, Recommended Practice for the System Grounding of Industrial and Commercial Power Systems

IEEE 3002.3 Recommended Practice for Conducting Short-Circuit Studies of Industrial and Commercial Power Systems

IEEE 3007.1, IEEE Recommended Practice for the Operation and Management of Industrial and Commercial Power Systems, 2010.

IEEE 3007.2, *IEEE Recommended Practice for the Maintenance of Industrial and Commercial Power Systems*, 2010.

IEEE 3007.3, *IEEE Recommended Practice for Electrical Safety in Industrial and Commercial Power Systems*, 2012.

Anderson, W. E., "Risk Analysis Methodology Applied to Industrial Machine Development," *IEEE Transactions on Industrial Applications*, Vol. 41, No. 1, January/February 2005, pp. 180–187.

Ammerman, R. F., Gammon, T., Sen, P. K., and Nelson, J. P., "DC-Arc Models and Incident-Energy Calculations," *IEEE Transactions on Industrial Applications*, Vol. 46, No. 5, 2010.

Doan, D. R., "Arc Flash Calculations for Exposures to DC Systems," *IEEE Transactions on Industrial Applications*, Vol 46, No. 6, 2010.

Doughty, R. L., T. E. Neal, and H. L. Floyd II, "Predicting Incident Energy to Better Manage the Electric Arc Hazard on 600 V Power Distribution Systems," *Record of Conference Papers IEEE IAS 45th Annual Petroleum and Chemical Industry Conference*, September 28–30, 1998.

Lee, R., "The Other Electrical Hazard: Electrical Arc Flash Burns," *IEEE Trans. Applications*, Vol. 1A-18, No. 3, May/June 1982.

Statement of Problem and Substantiation for Public Input

Replacement of the IEEE Industrial Applications Society color books continues. These 3 documents provide the best engineering guidance for safety-by-design principles. I will make arrangements with Lisa Perry at IEEE (l.perry@ieee.org), Carey Cook (Carey.Cook@sandc.com) and Steve Townsend (steven.townsend@gm.com) of the Industrial and Commercial Power Systems Conference to get original copies for the committee to review.

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