

## Marco W Migliaro - Publications

- Author and developer, CD ROM, "STATIONARY BATTERIES: A Pictorial Reference for Maintenance and Testing," The Battery Connector, Inc., ISBN 0-9655596-0-2, 1996.
- Author, Section 18, "Batteries," Handbook of Electric Power Calculations, McGraw-Hill, Inc., First Edition, ISBN 0-07-056061-7, 1984; Second Edition, ISBN 0-07-057048-5, 1996; Third Edition, ISBN 0-07-136298-3, 2000.
- Author, "Stationary Battery Calculations Associated With Maintenance and Testing," Third Edition, ESA Consulting Engineers, PA, Jupiter, FL, 2002.
- Author, Section 28, "Standards in Electrotechnology, Telecommunications, and Information Technology," Standard Handbook for Electrical Engineers, McGraw-Hill, Inc., Fourteenth Edition, ISBN 0-07-022005-0, 2000; Fifteenth Edition, ISBN-10: 0-07-144146-8, 2007; Sixteenth Edition, ISBN 978-0-07-176232-8, 2013.
- Author, Chapter 12, "Batteries," Basic Electronics, Fifth Edition, B Grob, McGraw-Hill, Inc., 1984.
- Author, Chapter 9, "AC Motor and Generator Selection," Handbook of DC and AC Electric Machinery, Prentice Hall.
- Author and presenter, IEEE Paper ICPSD 85-61, "Considerations for Selecting and Sizing Batteries," in Conference Record IEEE-IAS-1985 Annual Meeting, 85 CH2207-9, pps. 345-353 and IEEE Transactions on Industry Applications, Vol. IA-23, No. 1, Jan/Feb 1987, pps. 134-143.
- Author and presenter, IEEE Paper 86 WM 029-3, "Sizing Batteries for Generating Stations," IEEE Transactions on Energy Conversion, Vol. EC-1, No. 4, Dec. 1986, pps. 25-30.
- Author and presenter, IEEE Paper ICPSD 86-36, "Maintaining Stationary Batteries," IEEE Industry Applications Society, in Conference Record IEEE-IAS-1986 Annual Meeting, 86 CH2272-3, Part II, pps. 1011-1018 and IEEE Transactions on Industry Applications, Vol. IA-23 No. 4, July/August 1987, pps. 765-772.
- Author and presenter, "Application of Valve-Regulated Sealed Lead-Acid Batteries in Generating Stations and Substations," Proceedings of the American Power Conference, Vol. 50, Chicago, IL, April 1988, pps. 486-492.
- Author and presenter, IEEE Paper, 88 JPGC 754-4 "Installation Design for Valve-Regulated Sealed Lead-Acid Batteries in Generating Stations," IEEE Transactions on Energy Conversion, Vol. 4, No. 1, March 1989, pps. 20-24.

## Marco W Migliaro - Publications

- Author and presenter, IEEE Paper, "Maintaining Maintenance-Free Batteries," in Conference Record IEEE-IAS-1989 Industrial & Commercial Power Systems Technical Conference, 89 CH2738-3, Chicago, IL, May 1989, pps. 69-73.
- Author and presenter, "Stationary Batteries - Selected Topics," Proceedings of the American Power Conference, Vol. 55-I, Chicago, IL, April 1993, pps. 23-33.
- Author and presenter, "Analyzing Battery Failures," Proceedings of the American Power Conference, Vol. 59, Chicago, IL, April 1997, pps. 153-157.
- Author and presenter, "Experience With Ground Locating Test Equipment on Ungrounded DC Systems at Electric Generating Stations," in AVO International 1994 Technical Conference Record, General Electrical Maintenance Section, pps. 1-7, Dallas, TX, August 1994.
- Author, "Stationary Battery Installation – It's Not Just Rack Assembly," Electrical Contractor, Vol. 62, No. 3, pps. 47-50, 57, March 1997.
- Author, "Maintaining Stationary Batteries," Electrical Construction & Maintenance, Vol. 85, No.11, Oct. 1986, pps. 70-74, 170.
- Author, "Understanding Stationary Batteries - The Basics," Plant Engineering, Vol. 44, June 21, 1990, pps. 57-59.
- Author, "Specifying Batteries for UPS Systems," Plant Engineering, Vol. 45, March 21, 1991, pps. 100 - 102.
- Author, "Battery Safety," Electrical Construction & Maintenance, Vol. 88, No. 11, October 1989, pp.42.
- Author, "Installing A Maintenance Jumper," Electrical Construction & Maintenance, Vol. 89, No. 1, January 1990, pg. 30.
- Author, "Determining the Short-Circuit Current from a Storage Battery," Electrical Construction & Maintenance, Vol. 90, No. 7, July 1991, pps. 20, 22.
- Author, "Update: Where Do We Stand on Stationary Battery Short Circuit Characteristics," 1992 Northeast Electric Utilities Battery Conference, Albany, NY, September, 1992.
- Feature Writer for Batteries International Magazine, ISSN 0957-9249, Euromoney Publications PLC, East Sussex, UK.
  - "Stationary Battery Hazards," Issue 33, pps. 35, 37-38, 41, October 1997.

## Marco W Migliaro - Publications

- “Parallel Strings – Haven’t We Learned Our Lesson?,” Issue 34, pps. 39, 41-44, January 1998.
  - “Reducing the Odds On Battery Acceptance,” Issue 35, pps. 66-67, 70, 72-73, April 1998.
  - “In The Battery World, Do You Get Exactly What You Ordered?,” Issue 36, pps 45, 47-51, July 1998.
  - “Sizing - A Bigger Issue Than Ampere-Hours,” Issue 37, pps. 37-43, October 1998.
  - “Giving Your Standby Batteries Protection,” Issue 38, pps. 53, 55, 57-58, January 1999, co-author.
  - “Don’t Let Silence Give You A False Sense of Security,’ Issue 40, pps. 65-66, 68-69, July 1999.
- 
- Editor, *IEEE Sourcebook on Lead-Acid Batteries*, IEEE Standards Press, The Institute of Electrical and Electronics Engineers, New York, NY, ISBN 1-55937-365-2, 1993.
  - Co-editor, *Glossary of Stationary Battery Terminology*, Albér Technologies, Inc., Boca Raton, FL, ISBN 0-9635109-0-8, 1992.
  - Co-author, Section 7, "Synchronous Machines," Handbook of Electric Power Calculations, First Edition, ISBN 0-07-056061-7, 1984; Second Edition, ISBN 0-07-057048-5, 1996; Third Edition, ISBN 0-07-136298-3, 2000.
  - Co-author and presenter, IEEE Paper A76 019-0, "Development of a Cable and Raceway System for Power Plant Use," 1976 Winter Power Meeting and Tesla Symposium, New York, NY, January 1976.
  - Co-author, "Cable Ampacities, The NEC and Computerized Applications," in Conference Record IEEE-IAS-1985 Annual Meeting, 85 CH2207-9, pps. 323-331.
  - Co-author, IEEE Paper 86 WM 023-6, "Cable Ampacities: Computer Applications for Electric Generating Stations," IEEE Transactions on Energy Conversion, Vol. EC-1, No. 3, Sept. 1986, pps. 68-75.
  - Co-author and presenter, "Electrical Equipment Life Continuation: Protecting the Investment," Proceedings of the American Power Conference, Vol. 48, Chicago, IL, April 1986, pps. 459-466.
  - Co-author, "Electrical Equipment - When to Repair/Replace: A Method Beyond Reliability," IEEE Industry Applications Society, in Conference Record 1987

## Marco W Migliaro - Publications

Industrial and Commercial Power Systems Technical Conference, 87 CH2406-7, Memphis, TN, May 1987, pps., 96-101.

- Co-author, "Short Circuit Current Test Results on AT&T Round Cells<sup>®</sup> at Different Temperatures," in Conference Record 1993 International Telecommunications Energy Conference (INTELEC '93), 93CH3411-6, Vol. 2, Paris, France, September 1993, pps. 369-373.
- Co-author, "Impedance Testing Is It A Substitute for Capacity Tests," in Conference Record 1994 International Telecommunications Energy Conference (INTELEC '94), Vancouver, BC, November 1994, pps. 245-249.
- Co-author, IEEE Paper 87 SM 639-8 "Joint Industry/Academic Sponsored Project Course," IEEE Transactions on Power Systems, Vol. 3, No. 3, August 1988, pps. 1335 - 1339.
- Co-author, "Battery Problems Than Can Spell Disaster," in Conference Record Disaster Avoidance & Recovery '93, Washington, DC, May 1993, pps. 301-321, Insystex, Inc., 1993.
- Co-author, and presenter "Stationary Battery Selection," Proceedings of the First International Power Quality Conference, Vol. 1, Long Beach, CA, October 1989, pps. 432-434, Intertec Communications, Inc.
- Co-author, "Stationary Battery Maintenance and Testing," Proceedings of the First International Power Quality Conference, Vol. 1, Long Beach, CA, October 1989, pps. 435-438, Intertec Communications, Inc.
- Co-author, "Sizing UPS Batteries," Proceedings of the Fourth International Power Quality Conference, Vol. 4, Universal City, CA, September 1991, pps. 285-290, Intertec International, Inc. and scheduled for publication in Power Quality Magazine.
- Co-author, "Battery Impedance/Resistance Testing - Is It Time to Throw Your Discharge Test Unit Away," Proceedings of the Seventh International Power Quality Telecomputer Infrastructure Conference, Vol. 7, Dallas, TX, September 1994, pps. 288-298, Intertec International, Inc.
- Co-author, "Selecting Battery Cable," Electrical Construction and Maintenance, Vol. 91, No. 5, May 1992, pps. 20, 22.
- Co-author and presenter, "What's Really Necessary for Stationary Battery Maintenance," in Conference Volume 8th Battery Conference and Exhibition, ERA Technology, Surrey, England, May 1994, pps. 4.1.1-4.1.13.

## Marco W Migliaro - Publications

- Co-author and presenter, "Experiences with Individual Cell Equalizers on the Plant Batteries at St Lucie," 1994 Northeast Electric Utilities Battery Conference, Albany, NY, September, 1994.
- Co-author, "Guaranteeing Battery System Performance," in Conference Record PCIM/Power Quality/Mass Transit '95, Long Beach, CA, September 1995, pps.
- Co-author, "Battery Load Testing - A Cecil B deMille Production for the Next Generation," Electrical Contractor, Vol. 62, No. 6, pps. 55-56, 58, 60, 62, July 1997.
- Co-author, "Battery Maintenance and the Electrical Contractor - Is the Chemistry Right?," Electrical Contractor, Vol. 62, No. 10, pps. , October 1997.
- Co-author, "Solder Joint Failures in EDG Control Circuits at NPGS," 1996 IEEE Nuclear Science Symposium and Medical Imaging Conference, Nov. 1996, Anaheim, CA.
- Co-author, "Impact of Superconductivity on the Design of Electric Power Systems," 1998 Power Gen Conference, December 1998, Orlando, FL.
- Author, "The IEEE Standards Program-Organizing for Quality," ASTM Standardization News, Vol. 19, No 11, November 1991, pps.44-46.
- Author and presenter, "The Globalization of Standards," 1992 AAES Government Affairs Conference, Washington, DC. Also published in the Official Report of the American Telecommunications Standards Symposium, April 1992, Committee TI of the Exchange Carriers Standards Association.
- Co-author, "IEEE Statement on Improving US Participation in International Standards," presented as testimony by M W Migliaro, at hearings conducted by the US Department of Commerce, National Institute for Standards and Technology, Washington, DC, April 3, 1990.