



Battery 101 Training

Tuesday – March 14, 2023

Holiday Inn – 9933 Mayland Drive - Richmond, VA

Wednesday – March 15, 2023

Wake EMC – 228 Park Avenue – Youngsville, NC

Thursday – March 16, 2023

Chapman Company – 1338 Hundred Oaks Drive, Suite D – Charlotte, NC

Registration / Continental Breakfast – 8:30am

9:00am until 3:00pm

Lunch will be Provided – Free Admission

Who should attend:

- Power professionals who size, specify, install, maintain, test, sell and operate lead acid batteries and chargers.
- Certificate of completion with CEU credits and training material will be handed out upon course completion.

Topics:

- Basic Lead-Acid Batteries
 - VLA (Flooded) vs. VRLA
 - Battery components, types of alloy
 - Discharging and recharging
 - Battery aging
 - Application differences
 - Battery ratings, sizing and selection, etc.
 - Battery specification writing
 - How to choose the right battery for your application
- Manufacturing Processes (How manufacturing processes make the difference?)
- Battery sizing examples (constant current, constant power, step load, flooded rack selection)
- Battery testing, monitoring, installation, operations and maintenance
- Web based information (where to find online resources)
- Types of charging (float, recharge, equalize)
- Battery chargers (charger basics, charging techniques, different technologies, installation, operations, maintenance and sizing)
- Battery failure modes and maintenance (recommended operating parameters, factors affecting battery performance and life, capacity testing, maintenance practices)
- Battery troubleshooting and replacement
- Battery room safety, spill containment and compliance
- NERC compliance
- Power Plants
- Power Distribution

Registration

Enrollment is limited to 25 individuals, on a first-come-first-served basis. Initially, there will be a limit of two attendees per company in order to broaden the participation base.

Please confirm your plans to attend by submitting the attached RSVP to Kathy Enos via email at kenos@rwchapman.com or fax at 704-523-4708. Kathy can also be contacted at 704-602-8225 should you have any questions.

RSVP FORM
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NAME _____

COMPANY _____

MAILING ADDRESS _____

CITY, ST, ZIP _____

TELEPHONE _____

EMAIL _____

DIETARY RESTRICTIONS _____

SEND COMPLETED FORM
TO KATHY ENOS:

FAX: 704-523-4708
EMAIL: kenos@rwchapman.com

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