

APS - Grounding & Bonding... Simplified

Grounding and Bonding does not have to be confusing. Join us for this practical seminar taught by an experienced instructor. Learn:

- The Theory Behind Grounding and Bonding (yes it is simple)
- Why the NEC Requirements are necessary for safety and performance
- Grounding for Enhanced Performance
- Troubleshooting Techniques

Qualifies for Continuing Ed. Credit for Electrical License Renewal



Who Should Attend:

- Engineers
- Electricians
- Facility Maintenance & Engineering Personnel
- Electrical Contractors
- Repair Technicians

Course Overview

- Simple Laws of Physics for Grounding Design
- Select National Electrical Code (NEC) Article 250 – Grounding and Bonding for Safety
- Applicable Standards and Recommended Practices
- Grounding for Noise Immunity
- Ground Loops – Causes & Corrections
- Single Point vs. Multi-Point Grounding
- Typical Grounding Errors, Problems & Resolutions
- Grounding System Tests
- Troubleshooting Tips (includes meter demonstration)
- Grounding and Bonding for Lightning Protection
- High Frequency Grounding Considerations related to Lightning, Harmonics, and Conducted Electromagnetic and Radio Frequency Interference.
- Communication System Grounding
- Key Considerations for Performance Grounding

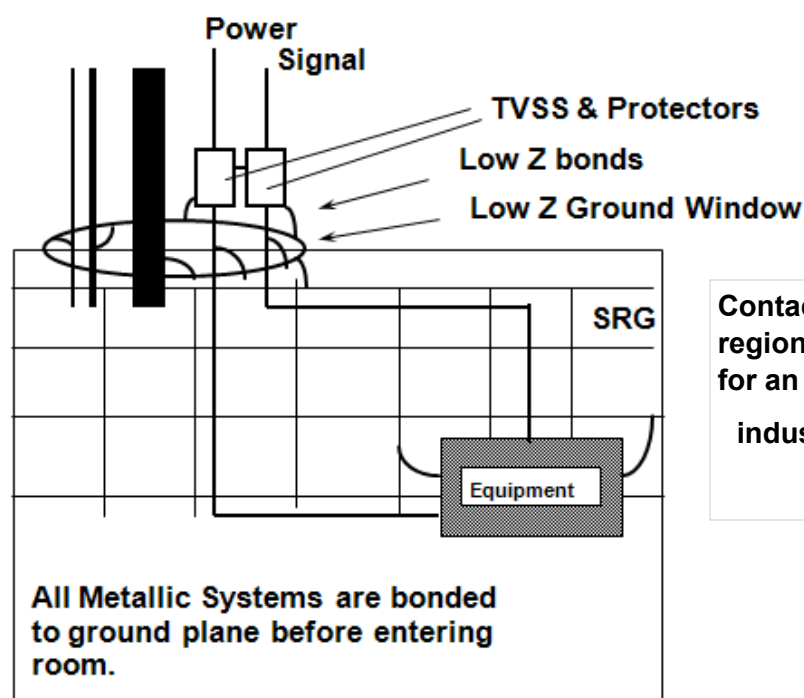
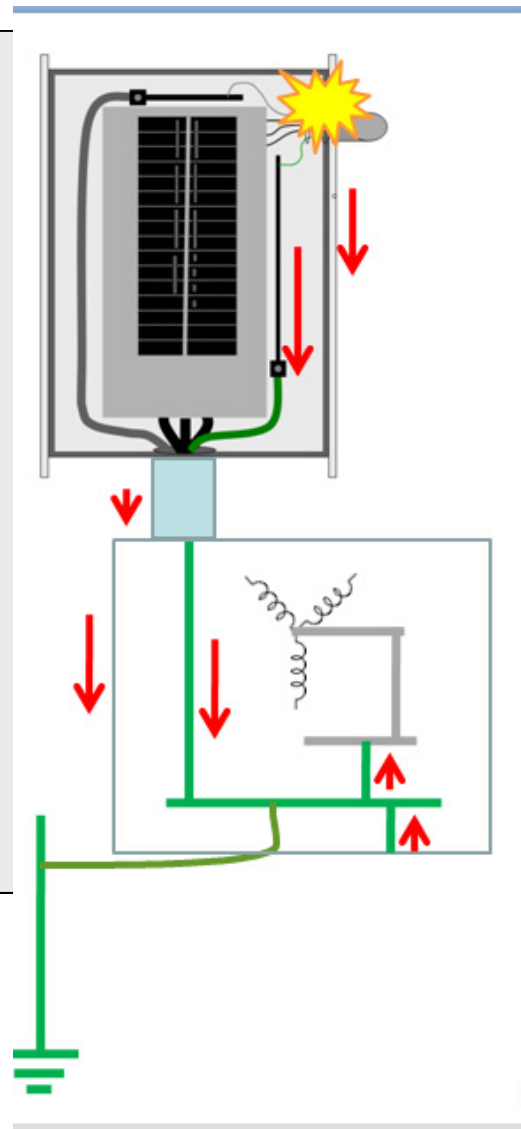

Advanced Power Solutions

www.PowerSafetyPRO.com
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Course Instructor, Gary P. Larkins:

- *Has over 20 years of experience in Power Quality Consulting, System Commissioning, Failure Analysis, System Conceptual Design, Product Evaluation and Failure Analysis.*
- *Completed over 250 PQ Consulting Projects for Utility, Industrial, Data Center, Institutional and Commercial Clients.*
- *Developed and instructed multiple PQ and Courses including the Western Energy Institute Hands on Lab PQ Course.*
- *Authored multiple white papers.*
- *Principal Author of AT&T Wireless National Lightning Protection, Grounding and TVSS/SPD Standards.*



Contact us to be notified of upcoming regional classes, or to request a quotation for an on-site course

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