



# EPG CONNECTION

Your Source for Environmental  
& Industrial Solutions

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## Effective Equipment Grounding Conference Schedule

We'd like to give a big thanks to everyone who attended EPG's 2023 Service School. It was a pleasure hosting the event. We hope you found the hands-on exercises and information beneficial to your growth as an industry professional. To those of you who would like to participate in 2024, stay tuned for dates to be announced this fall.



## Effective Equipment Grounding

One of several topics we cover during the "Demystifying Electrical Testing" Section of EPG's Service School is Grounding. Achieving circuit continuity and maintaining wire and connection integrity is critical to proper pumps & controls function but that may not matter if you have unreliable system ground. Here is just a sample of some of the talking points from last week's class.

### Purpose of Grounding

- For Safety
- Lightning, Electrostatic Discharge, and Surge Protection
- Performance

We test system ground for safety reasons, to protect both people and equipment.



### What type of problems occur with poor installation & grounding practices?

- System shutdowns
- Inconsistent control of pumping systems
- Sensor errors
- Loss of communication between control devices
- Damage to electrical/electronic equipment

Often times people confuse "Earth Grounding" and "Equipment Grounding" resulting in grounding practices that can lead to inefficient performance, costly downtime and maybe even unsafe working conditions. To learn more, [check out this article here.](#)

*Grounding Installation Tip: The Best Ground Point is a Location Where Soil is Wet All of the Time.*

### How Do We Test System Ground?

A Ground Resistance Meter is designed to test a system ground. This meter measures the current leaking through the ground wire. Think of it as a "more accurate" clamp-on meter measuring current. EPG can assist you in understanding when and how to use one of these meters.



A Typical Ground Resistance Meter

Give us a call at [1-800-443-7426](tel:1-800-443-7426) or email us at [info@epgco.com](mailto:info@epgco.com) for help on troubleshooting your system grounding issues.

## Quick Poll

Does your site use a 3rd party to troubleshoot electrical problems?

Yes, we hire an electrician to troubleshoot.

Select

No, we troubleshoot electrical issue ourselves.

Select

## Upcoming Events

*This list includes EPG and Sales Representative events.  
This information is subject to change.*

**May 10-12 Tennessee Show of the South**  
Chattanooga, TN (The Reich Co Exhibiting)

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**May 21-24 Federation of NY Solid Waste Conf. & Show**  
Bolton Landing - Lake George, NY (Lee Supply Exhibiting)

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**Jun 12-14 TxSWANA Annual Conference**  
Corpus Christi, TX (The Reich Co Exhibiting)

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**Jul 9-11 MWCC Environmental Conference**  
Osage Beach, MO (The Reich Co Exhibiting)

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**Aug 21-23 WSWRA 2023 Annual Conference**  
Evanston, WY (The Reich Co Exhibiting)

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**Sep 11-13 Colorado SWANA Conference**  
Grand Junction, CO (The Reich Co Exhibiting/EPG Presenting)

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**Sep 19-21 Kansas SWANA Conference**  
Wichita, KS (The Reich Co Exhibiting)

[info@epgco.com](mailto:info@epgco.com) | [800-443-7426](tel:800-443-7426) | [www.epgco.com](http://www.epgco.com)



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