

Session 1

Opening Remarks

- AEMC Overview

Equipment Ground vs. System Ground

- Why Test
- Personal Safety

Soil Resistivity and Bonding

- Environmental Influence
- Soil Resistivity test methods
- Using the Nomograph
- Equipment needed for the test
- Bond Resistance testing
- Overview of equipment needed for the test

YouTube video on Using a Micro-Ohmmeter for bond testing

YouTube video on Wenner Soil Resistivity Testing

Q & A

Session 2

Grounding Electrodes

- Testing Principles
- Fall-of-Potential (3-Point) Testing
- Other test methods
- Clamp-On Ground Resistance Tester
- Equipment needed for the test
- Methods of lowering ground resistance

YouTube video on Clamp-on Ground Resistance Testing

YouTube video on Fall-of-Potential Testing

Q & A

A link to the online exam and questionnaire is emailed to the attendee at the conclusion of the webinar.

Before Webinar Material Supplied:

- Worksheets needed for the class (print 1 copy each of Worksheets 1, 2 & 3 and 2 copies of Worksheet 4 (to be printed before the class))
- Webinar Agenda
- Webinar presentation

After Webinar Attendee Will Receive:

- Certificate of course completion
- Exam score and identification of right and wrong answers to each question
- Personalized Certification Certificate (if exam score is 75% or better)*
- Rebate discount certificate for a future purchase (*Continental U.S. end user customers only*)*
- Links to the material and references covered in the webinar including formulas, report forms, AEMC[®] Grounding video, and literature on ground test.
- A gift for attending the class. (*Continental U.S. only*)*
Please allow 4-6 weeks for processing.

**Items will be mailed to addresses in the Continental U.S. only. All others will receive links to materials and PDFs of certificates.*