

Electricity and Fire Seminar Outline

A half day seminar offered at your site or at GAI's Laboratory

Basic Electricity

Sub-Atomic Particles
Electric Sources
Electrical Circuits

Electrical Services

System Voltages
Overhead Services
Underground Services

Premises Wiring

Switchboards
Panelboards
Wireways
Raceways
Cables
Conductors
Boxes
Devices
Luminaires

Failure Modes

Conductor Faults
Insulation Faults
Grounding Issues
Over-Lamping
Overloads

Witness Interviews

General Background
Events of the Fire
Product Information

Scene Examinations

Documentation
Photography
Systems Testing
Evidence Collection

Laboratory Examinations

Documentation
Photography
Radiography
Testing
Disassembly