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MATTHEW M. ELLIOTT

CURRICULUM VITAE

EDUCATION

Bachelor of Science in Electrical Engineering, University of Massachusetts, Amherst, Massachusetts, 2003

Post-Graduate Studies in Experimentation, Photography, Fire & Explosion Investigation, Fire Dynamics, Premise Wiring, Appliance Failures, and Electrical Fires

EXPERIENCE

2007 - Present NEPONSET VALLEY ENGINEERING COMPANY, Inc., d/b/a GAI Engineers, a forensic engineering and fire investigation firm.

Engineer

Investigate the technical aspects of property damage and personal injury matters, utilizing expertise in electrical engineering.

Complete scene examinations, witness interviews, evidence examinations, research, document review, testing, engineering calculations, and report writing on electrical equipment and systems.

Electrical projects include household appliances, consumer electronics, power tools, restaurant equipment, laundering equipment, computer systems, telephone systems, premise wiring, electrical service equipment, etc.

2004 – 2007 NEW ENGLAND FIRE CAUSE AND ORIGIN, Inc., Rochester, NH, a fire investigation firm.

Electrical Engineer

Investigate the cause of structure fires, utilizing expertise in electrical engineering.

Complete scene examinations, evidence examinations, research, document review, testing, and report writing on electrical equipment and systems.

Electrical projects include household appliances, consumer electronics, power tools, restaurant equipment, laundering equipment, computer systems, telephone systems, premise wiring, electrical service equipment, etc.

2003-2004 NATIONAL GRID, Hopedale, MA, an electric utility company.
Electrical Engineer (Contractor - National Engineering Services Corp. – Portsmouth, NH)

Design and maintain electrical distribution systems supplying power to residential and commercial properties. Work with line crews to ensure proper build of designs. Prepare plans to upgrade several distribution systems as to accommodate current and anticipated loads.

TRAINING

<u>Date</u>	<u>Course Title</u>	<u>Hours</u>	<u>Sponsor(s)</u>
Dec 10	Arc Flash Mitigation	6	Three C Electrical and ABB
Nov 09	National Electrical Code Seminar	21	National Fire Protection Agency
Jun 07	Fire and Arson Investigation Seminar On Appliance Fires	20	Massachusetts Chapter of International Association of Arson Investigators
Jul 06	Ashes to the Courtroom	8	The Institute of Fire Science
Apr 06	Expert Testimony, The Daubert Decision, Magnetek Case, etc	8	Maine Chapter of International Association of Arson Investigators
May 05	Arson Seminar	40	St. Anslem College
Sep 04	Electricity and Fire	13	The Institute of Fire Science
Sep 04	Basic Fire Investigation	20	The Institute of Fire Science
Oct 04	Investigation of Gas and Electric Appliances	32	Fire Findings
Aug 04	National Fire, Arson, & Explosion Investigation Training Program	24	National Association of Arson Investigators & National Fire Protection Association
Aug 04	National Seminar on Fire Analysis Litigation	16	National Association of Fire Investigators & National Fire Protection Association

PROFESSIONAL

Licensed Private Detective Agency, P-1545, Massachusetts
Certified Fire & Explosion Investigator, National Association of Fire Investigators
Institute of Electrical and Electronics Engineers
National Association of Fire Investigations
National Fire Protection Association
International Association of Arson Investigators - Maine Chapter