
Lucas I. Edwards, P.E. | Senior Forensic Electrical Engineer

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Professional Summary:

Mr. Edwards is a licensed Electrical Engineer and has worked for over eight years in the electrical engineering profession as a consultant and forensic engineer. During his career, he has had the opportunity to design numerous residential and commercial projects as well as conduct electrical forensic investigations.

Mr. Edwards' strong background in design, construction support, and inspections has given him valuable experience in handling all types of forensic electrical cases including residential and commercial power systems. Additionally, he has handled claims involving fire damage and product design and defects.

Licenses and Certifications:

NCEES Record, Model Law Engineer, 13-753-50

Professional Engineer, Arizona, 63141

Professional Engineer, California, 22973

Professional Engineer, Colorado, 0051620

Professional Engineer, Idaho, 19571

Professional Engineer, Kansas, 25320

Professional Engineer, Kentucky, 31732

Professional Engineer, Montana, PEL-PE-LIC-61159

Professional Engineer, Nebraska, E-17211

Professional Engineer, Nevada, 26243

Professional Engineer, New Mexico, 23797

Professional Engineer, Utah, 10115348-2202

Professional Engineer, Wyoming, PE 15779

Professional Experience:

EFI Global, Senior Forensic Electrical Engineer, 2018 – Present

Unified Investigations & Sciences, Inc., Forensic Electrical Engineer, 2016 – 2018

Unified Investigations & Sciences, Inc., Forensic Electrical Analyst, 2014 - 2016

Architectural Engineering Consultants, Project Engineer, 2013 - 2014

AFA Engineering LLC, Engineering Intern, Project Engineer, 2009-2013

CMTA Engineering, Engineering Intern, 2007 – 2009

Specialized Education:

AC Motors, Transformers, Instruments & Distribution Systems, 2019 6 hours tested

Investigation of Dryer Fires, Fire Findings, 2018 16 hours tested

Asbestos Safety Awareness, OSHA 29 CFR 1926.1101, 2017 tested

OSHA 40 Hour Hazwoper, OSHA 29 CFR 1910.120/1926.65, 2017 tested

Unified Investigations & Sciences, In-service Webinar Series, Essentials of NFPA 1033, 2016-2017 tested

Annual Insurance Fraud Conference, Utah Association of Special Investigations Units, September 2015, 6 hours

Professional Engineering Exam, 2015

Investigation of Gas and Electric Appliance Fires, Fire Findings, 2015 24 hours tested

Arc Mapping Basics, CFITrainer.net/IAAI, 2015

Residential Electrical Systems, CFITrainer.net/IAAI, 2015

Basic Electricity, CFITrainer.net/IAAI, 2015

Charleston Sofa Super Store Fire, CFITrainer.net/IAAI, 2015

Forensic Investigation, Unified Investigations & Sciences, Inc., 2014

Lithonia Visual Lighting Design Training Program, 2014

Generac Industrial Power Symposium, 2014 10 hours

Fundamentals of Engineering Examination, 2012

Education:

Bachelor of Science, Electrical Engineering, University of Kentucky, 2011