efi global

Hunter M. Sims | Senior Engineer, P.E.

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Professional Summary:

Hunter has extensive experience with both high-tech electronics and with everyday electrical equipment. His background includes design, development and field support of communications systems, control systems, RADAR systems, avionics, missiles and satellites. He has extensive subcontractor management experience with companies in the US, Canada, Mexico, Brazil, England, Scotland, India and China. He has also worked over 1,000 loss investigations, including fires, equipment malfunctions and failures, electrocutions, lightning damage, shipping damage, improper installations, and various other claims. He has testified as an expert witness in civil and criminal cases in state and federal courts. His areas of expertise include:

- Electrical engineering support of loss investigations
- Damage assessment of electrical and electronic equipment
- Analysis of high-tech electronic equipment
- Failure analysis of electrical and electronic equipment
- Video recovery from security systems

Licenses and Certifications:

P.E., Texas Board of Professional Engineers, Texas, #78217

P.E., Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors, Oklahoma, #26568

P.E., Arkansas State Board of Licensure for Professional Engineers and Professional Surveyors, Arkansas, #15780

P.E., Louisiana Professional Engineering and Land Surveying Board, #40407

Court Qualifications/ Depositions:

Litigation CV available upon request.

Professional Experience:

EFI Global Inc., Senior Engineer, 2007 - present
Motorola, Inc., Global Category Manager, 2000 - 2007
SpectraPoint, LLC, Lead Reliability Engineer, 1999 – 2000
Raytheon Systems Company, Lead Reliability Engineer, 1997 – 1999
Texas Instruments, Inc., Lead Reliability Engineer, 1980 - 1997

Specialized Education:

2023 NEC Significant Code Changes Part 1, On-line, 2022, 4 hours (tested)

Electrical Storage Guide for Electrical Engineer, On-line, 2022, 5 hours (tested)
Analysis of National Charging Infrastructure for Electric Vehicles, On-line, 2022, 3 hours (tested)
Louisiana - Laws, Rules, and Ethics for Professional Engineers, On-line, 2022, 3 hours (tested)
Professional Ethics for Engineers, On-line, 2022, 3 hours (tested)
Understanding Electricity and Electrical Components - Part 2, On-line, 2022, 7 hours (tested)
Designing Modern Photovoltaic Systems, On-line, 2022, 3.0 hours (tested)
Introduction to AC Power Systems, On-line, 2022, 1 hour (tested)
Introduction to Electrical Energy Management Systems, On-line, 2022, 1 hour (tested)
An Introduction to Lightning and Static Electricity Protection Systems, On-line, 2021, 3 hours (tested)
Control of Hazardous Energy, On-line, 2021, 2 hours (tested)
OSHA, 29 CFR 1910 Subpart S Regulations and NFPA 70E Standards, On-line, 2021, 8 hours (tested)
New Mexico Applied Ethics Roundtable, On-line, 2020, 2 hours
New Mexico – Ethics including NM Laws and Rules for Professional Engineers, On-line, 2020, 4 hours (tested)
2020 NEC Significant Code Changes Parts 1 through 4, On-line, 2019, 16 hours (tested)
Ethics for the Practicing Engineer – An Introduction, On-line, 2019, 1 hour (tested)
NFPA 72, National Fire Alarm and Signaling Code, Orlando, FL, 2018, 21 hours
Ethics for Texas Professional Engineers, On-line, 2018, 1 hour (tested)
NFPA70 2017 NEC Essentials, Orlando, FL, 2017, 24 hours
Explosion Dynamics, On-line, 2015, 4 hours (tested)
Fire Protection Systems, On-line, 2015, 3 hours (tested)
Introduction to Grid-Tie Solar Power, On-line, 2014, 4 hours (tested)
Introduction to Solar Power Design for Small Structures, On-line, 2014, 4 hours (tested)
NFPA 921 & 1033 2014 Editions: Important Revisions,On-line, 2014, 3 hours (tested)
Engineering Ethics 2014, Grapevine, TX, 2014, 2 hours
Asbestos O&M Worker Refresher, Hurst, TX, 2014, 8 hours (tested)
Unified Investigations & Sciences, Inc., OSHA 29 CFR 1910.1200-Globally Harmonized System of Classification and Labeling of Chemicals, (02/11/14), 1 hour (tested)
Arc Mapping Basics, On-Line, 2013, 1 hour (tested)
MagneTek: A Case Study In The Daubert Challenge, On-Line, 2013, 2 hours (tested)
Fundamentals of Interviewing, On-Line, 2013, 4 hours (tested)
PPE: Hand Protection, On-Line, 2103, 0.5 hours (tested)
Ethics & Social Media, On-Line, 2013, 3 hours (tested)
Asbestos O&M Worker Refresher, Hurst, TX, 2013, 8 hours (tested)
Engineering Ethics 2013, Grapevine, TX, 2013, 2 hours
Asbestos O&M Worker, Fort Worth, TX, 2012, 16 hours (tested)
Fire Investigator Scene Safety, On-Line, 2011, 3 Hours, tested
Ladder Drawings, Schematics & Diagrams, Arlington, TX, 2011, 16 hours
Modern Power Systems Protective Relaying, Houston, TX, 2010, 18 hours
Photography In Depth, Flower Mound, TX, 2010, 15 hours
Introducing Your Digital Camera, Flower Mound, TX, 2010, 2.5 hours
X-ray Operation, Arlington, TX, 2010, 4 hours
Understanding Ground Resistance Testing, Dallas, TX, 2010, 8 hours (tested)
Accidental Fire Investigation, Houston, TX, 2009, 1 hour
Evidence Handling & Spoliation, Houston, TX, 2009, 1 hour
Instructors Training for the IAAI Expert Courtroom Testimony Program, Fort Worth, Texas, 2008, 20 hours
2008 National Electrical Code, Plano, Texas, 2008, 16 hours

Education:

Bachelor of Science, Electrical Engineering, Rose-Hulman Institute of Technology, Terre Haute, Indiana, 1980