

Sid Elahmad | Forensic Electrical Engineer, PE

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Sid.Elahmad@efiglobal.com

Professional Summary:

Mr. Elahmad has over 20 years of professional experience in electrical consulting industry. He has worked on various electrical and physical security projects for new and remodeled residential, commercial, governmental and industrial projects. He has experience in insurance claims, equipment failure analysis, shock and electrocutions, arc flash and power studies, lighting analysis, code review, engineering studies, and other engineering services.

Area of Expertise are as follows:

- Shock and Electrocutions.
- Arc Flash Analysis and Injury.
- Electrical Equipment Water Damage.
- Electrical Engineering for Buildings.
- Physical Security Design and Study.
- NFPA 70E Training.
- Engineering and Architectural Plans Review.

Licenses and Certifications:

Professional Engineer, Department of Consumer Protection, CT, License #25650

Professional Engineer, Department of Education, NY, License #098315

Professional Engineer, State Board of Professional Engineers and Land Surveyors, NJ, License #24GE05633900

Professional Engineer, Division of Professional Licensure, MA, License #51748

Professional Engineer, The State Board of Licensure for Professional Engineers, ME, License #16728

Professional Engineer, Board of Registration for Professional Engineers, RI, License #PE.0013558

Professional Engineer, Department of Professional and Occupational Regulation, VA, License #061344

Professional Engineer, Board of Professional Engineers, FL, License #86168

Professional Engineer, Georgia State Board of Registration for Professional Engineers and Land Surveyors, GA, License #PE044897

Building Official, Department of Administrative Services, CT



Residential Building Inspector, Department of Administrative Services, CT

Physical Security Professional, ASIS International, Certification # 15199

Project Experience:

Pfizer, Andover, MA
Arc Flash Study and Training

Purdue Pharma
Arc Flash Study and Training

Pratt and Whitney, Columbus, GA
Medium Voltage Design

Pratt and Whitney, East Hartford, CT
Power distribution and Lighting Design

University of Connecticut Health Center, Farmington, CT
Campus Wide Physical Security System Design

Professional Experience:

EFI Global, Forensic Electrical Engineer,
Loureiro Engineering Associates, Senior Project Manager/ Senior Electrical Engineer,
AKF Consulting Engineers, Senior Electrical Engineer,
AZ Corporation, Sr. Electrical Engineer/ Sr. Project Manager,
Fuss and O'Neill, Sr. Electrical Engineer,
DVS, Sr. Project Manager/Sr. Electrical Engineer,

Education:

Master of Science, Electrical Engineering, University of Bridgeport, Bridgeport, CT
Master's in Business Administration, Southern Connecticut State University. New Haven, CT
Bachelor of Science, Electrical and Computer Engineering, University of Connecticut, Storrs, CT

Affiliations:

National Society of Professional Engineers
ASIS International
Connecticut Building Officials Association

Courses Instructed/ Guest Lecturer:

NFPA 70E, Arc Flash Analysis and Electrical Shock Protection.