



**GREGORY H. SHOSS, P.E., CFEI, CVFI  
SENIOR CONSULTANT**

[ghshoss@engsys.com](mailto:ghshoss@engsys.com)

Mr. Shoss is an electrical engineer with over 5 years of experience investigating accidents and claims involving electrical faults and malfunctions, particularly those suspected of causing a fire, equipment damage, or injury. He conducts scene / laboratory examinations and tests to determine the mode, sequence, or component of failure involved in the damage to equipment, vehicles, or individuals. He tests, analyzes, and evaluates various types of electrical power distribution equipment, appliances, products, and workmanship for appropriate safety and design.

Prior to his career in accident investigations, Mr. Shoss worked for a major electrical equipment manufacturer and service provider of residential, commercial, and industrial products. He held various positions in field services, power systems engineering, applications, and product management responsible for maintenance, testing, troubleshooting, training, and performing data collection, system upgrades, power quality, protective device coordination, and arc flash calculation studies.

Mr. Shoss is a licensed professional electrical engineer in several states and a member of several professional organizations.

**Areas of Specialization**

- Electrical Codes & Standards
- Electrical Devices
- Fire/Explosion Investigation
- Power Distribution
- Product Fires
- Residential Fires
- Shock & Electrocution Hazard

**Education**

B.S. Electrical Engineering, University of Denver, CO, 2003

**Licenses/Certifications**

- State of Arizona ..... P.E. License 62217
- State of California ..... P.E. License E21729
- State of Colorado..... P.E. License PE.0051080
- State of Idaho ..... P.E. License 17598
- State of Iowa..... P.E. License P26950
- State of Illinois ..... P.E. License 062071369
- State of Kansas ..... P.E. License 29508
- State of Louisiana ..... P.E. License 45698
- State of Massachusetts..... P.E. License 56664



State of Michigan ..... P.E. License 6201311613  
State of Minnesota ..... P.E. License 48759  
State of Montana ..... P.E. License PEL-PE-LIC-62869  
State of Nebraska ..... P.E. License E-17314  
State of Nevada ..... P.E. License 024355  
State of New Mexico ..... P.E. License 23614  
State of North Dakota ..... P.E. License PE-7298  
State of Oregon ..... P.E. License 92456PE  
State of South Dakota ..... P.E. License 14370  
State of Texas ..... P.E. License 125459  
State of Utah ..... P.E. License 9779366-2202  
State of Washington ..... P.E. License 55326  
State of Wisconsin ..... P.E. License 49108-6  
State of Wyoming ..... P.E. License 15606

Remote Pilot with sUAS rating per Title 14 CFR Part 107, Federal Aviation Administration  
Hazardous Waste Operations and Emergency Response  
Certified Fire and Explosion Investigator, NAFI  
Certified Vehicle Fire Investigator, NAFI  
National Council of Examiners for Engineering and Surveying (NCEES) Record

## **Professional Affiliations**

Institute of Electrical and Electronics Engineers (IEEE)  
National Society of Professional Engineers (NSPE), Colorado Member (NSPE-CO)  
International Association of Arson Investigators (IAAI)  
National Association of Fire Investigators (NAFI)  
National Fire Protection Association (NFPA), Electrical Section Member

## **Positions Held**

Engineering Systems Inc., Plymouth, Minnesota  
Senior Consultant, 2021 – Present  
SEA, Ltd., Golden, CO  
Forensic Electrical Engineer, 2015 – 2021  
Eaton Corporation, Moon Township, PA  
Product Manager, 2014 – 2015  
Eaton Corporation, Minnetonka, MN  
Product Line Application Engineer, 2012 – 2014



Eaton Corporation, Minnetonka, MN

Senior Power Systems Engineer, 2008 – 2012

Eaton Corporation, Minnetonka, MN

Field Service Engineer, 2006 – 2008

Arjay Automation, Inc., Richfield, MN

Inside Sales / Technical Support Engineer, 2004 – 2006