

# H. Landis “Lanny” Floyd II

## PE, CSP, CMRP, CRL, CESC, Life Fellow IEEE

Electrical Safety, Accident & Injury Expert  
Consultant, Author, Speaker, Professor



### Owner & Principal Consultant

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### Areas of Expertise

- Occupational Electrical Injuries
- Electric Shock & Arc Flash
- OSHA Electrical Regulations
- Human Performance
- Industry Standards, including NEC, NFPA70E, NESC
- Electrical Safe Work Practices
- Operational Excellence
- Safety Management Systems
- Workforce Development
- Design, Maintenance, Reliability, Operations & Construction

To download my full CV ☞ [Click here](#)

### Brief Biography

I received my BSEE from VA Tech in 1973. My 45+ year career with DuPont focused on electrical safety in the construction, operation and maintenance of DuPont facilities worldwide. My responsibilities included improving management systems, competency renewal, work practices, and the application of technologies critical to electrical safety performance in all DuPont operations globally. From 1990 to 2014, I led the design, implementation, and continuous improvement of the electrical safety management system for DuPont global operations, achieving breakthrough performance in risk reduction. In 2013, I joined the faculty of the graduate school of Advanced Safety and Engineering Management (ASEM) at The University of Alabama at Birmingham (UAB). At UAB, I have taught Introduction to Systems Safety & Prevention through Design, Engineering Ethics & Acceptable Risk, and Electrical Systems Safety which I developed and currently teach. I have published more than 90 peer reviewed papers and articles on occupational electrical safety. I have received awards from leading institutions recognizing my work to advance the practice of electrical safety. I am an IEEE Life Fellow, a professional member of American Society of Safety Professionals, a Certified Safety Professional, a Certified Electrical Safety Compliance Professional, a Certified Maintenance & Reliability Professional, a Certified Reliability Leader and a registered professional engineer in Delaware, Michigan, Pennsylvania, and Texas. I established Electrical Safety Group, Inc. in 2001 to provide expert witness and consulting services in electrical safety matters. I have been retained as an expert witness in over 50 cases, 60% by plaintiffs and 40% by defendants.

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