



Advanced Engineering Investigations

FRANK H. YOUNG, PE, CFEI, LC, LEED AP

Mr. Young is a professional engineer with an extensive and diverse background in multiple areas of electrical construction. These areas include healthcare, commercial, retail, industrial, mission critical facilities, and higher education. Mr. Young has been consulting throughout the United States and internationally in electrical engineering since 1993. Mr. Young's expertise in electrical distribution systems and code compliance of these systems includes electrical service infrastructure, normal and emergency power systems, low voltage systems, fire alarm systems, and lighting systems. Mr. Young conducts electrical evaluations of failed or damaged components to determine if they are related to fires, shocks, or electrocutions.



LICENSURE & EDUCATION

Licensed Professional Engineer in Alabama, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Mississippi, Missouri, Montana, Nevada, New Jersey, New Mexico, New York, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, Washington, Washington D.C., Wisconsin, and Wyoming.

Bachelor of Engineering, Electrical Engineering, Georgia Institute of Technology, 1993
Certified Fire and Explosion Investigator (CFEI), National Association of Fire Investigators (NAFI), 2013
ITC Certified Level 1 Infrared Thermography
Certified Lighting Professional (LC) through NCQLP
LEED Accredited Professional (LEED AP) through U.S. Green Building Council (USGBC)

WORK HISTORY

Project Engineer, *AEI Corporation*, 2018-Present
Resource Manager – Electrical Consulting, *Madsen Kneppers & Associates*, 2013 to 2018
Principal, *Caveo Consulting Engineers*, 2011 - 2013
Director of Business Development, *PerryCrabb, Inc.*, 2008 to 2011
Team Leader / Project Manager, *PerryCrabb, Inc.*, 2003 to 2011
Assistant Studio Head/ Lead Electrical Engineer, *Barrett Woodyard & Associates Inc.*, 1994-2003

EXPERIENCE

As a result of Mr. Young's experience in electrical construction, he has provided his expertise and knowledge of electrical systems to support multiple types of projects. His expertise includes maintaining compliance with processes and standards when conducting on-site and lab investigations to provide origin and causation opinions of electrical failures. Mr. Young has provided electrical engineering expert witness testimony, through deposition and trial, for construction defects and product liability cases in state and federal courts. Within the course of these investigations, Mr. Young has evaluated the role of electricity and electronic components related to fires and electrical failures.

AFFILIATIONS

Institute of Electrical and Electronic Engineers (IEEE)
International Electrical Testing Association (NETA)
National Fire Protection Association (NFPA)
National Association of Fire Investigators (NAFI)