

## Kenneth Sellars, CESP



### Experience

**2014-Present**                      **e-Hazard**                      **Louisville, KY**

**2014-2015: Electrical Consultant**

**2015-Present: Partner**

- Consult with companies needing arc flash assessments and training
- Conduct electrical safety training focused on NFPA 70E, NESC, OSHA 1910.269, and NEC
- Provide Auditing of Electrical Safety Program and Workplace Electrical Safety Audits
- Develop customized Low Voltage and High Voltage Electrical Safety Programs for a variety of industries, including Nuclear, Coal, Industrial, Mining, Food, Municipal, and Federal Government sites.
- Certified Electrical Safety Compliance Professional, NFPA

**2009-2014**                      **Intrepid Electrical Services**                      **Bainbridge, GA**

**Instructor / Business Owner**

- Relocated electrical business to SW Georgia
- Unrestricted Electrical License in Georgia – Master’s License in Indiana
- Industrial/Commercial/Residential Electrical
- Communications (Cat 5e, Cat 6, Fiber) and Network Troubleshooting
- Taught Electrical Safety, National Electrical Code, Grounding/Bonding, Arc Flash Safety nationwide
- Developed and Instructed Electrical Apprenticeship Courses on Collegiate Level

**1998-2009**                      **Intrepid Enterprises**                      **Newburgh, IN**

**Business Owner**

- Founded new electrical and communications business.
- Operated profitable business within first few months of full-time operation.
- Designed and installed major commercial electrical project under-budget and on-time.
- Designed and Installed complete category 5E, category 6, Telecom and Fiber Optics network systems, including UPS backup power systems, all cabling and network terminations, and final systems verifications.

**2009**                      **Ivy Tech Community College**                      **Evansville, IN**

**Instructor**

Instruct apprentices and journeyman electricians in National Electrical Code fundamentals, from basic NEC understanding to Master Electrical proficiency.

**2002-2007**                      **Alcoa-Warrick Operations**                      **Newburgh, IN**

**Construction Project Coordinator**

- Took workgroup from poorly-functioning to low-cost, high-quality provider.
- Implemented customer-feedback process to design firms and end-users.

- Responsible for electrical and telecommunications installations of multi-million-dollar projects including 15KV, fiber optics, category 5E and category 6 networks, plc systems, furnace electrical overhauls, new rolling mill control system (complete), fire alarm systems, camera/security systems, and many more.
- Responsible for ensuring safety, regulatory, and code-compliant electrical installations for multiple simultaneous projects.
- Served as one of the founding members of Alcoa's Electrical Safety Lead Team, responsible for proper compliance with all OSHA and regulatory electrical rules. Included standards enforced: OSHA Electrical Safety rules, National Electrical Code, NFPA 70E – Electrical Safety Rules in the Workplace (including new arc-flash rules).
- Performed electrical inspections on existing and new installations.

**1998-2002                      Alcoa – Warrick Operations                      Newburgh, IN**  
**Finishing Department Electrical Supervisor**

- Responsible for daily electrical operations of over ten industrial product lines and crew of 50 electricians in a multi-shift environment
- Project manager for multiple large and small-scale electrical safety improvement projects including: PLC installations, Safety Laser systems, Remote Camera Monitoring Systems, Department-wide electrical safety inspections and the like
- Training Coordinator – Responsible for annual electrical safety training requirements of 50 electricians, including over 15 various OSHA-mandated training subjects
- Served as Subject-Matter Expert (SME) on National Electrical Code (NFPA 70) for Finishing department

**1991-2002                      Alcoa – Warrick Operations                      Newburgh, IN**  
**Electrical Specialist**

Served as electrician in heavy industrial environment, maintaining and/or installing the following: PLC systems, heavy industrial furnace electrical controls, multiple production lines ranging from rolling mills to high-tech coating equipment, X-ray equipment, Advanced camera systems for metal sheet quality, High-capacity (100 ton) crane maintenance, Radio control systems (multiple types and brands), performed basic computer programming for PLCs, installed and maintained category 5E and category 6 and fiber-optic networks, performed basic and advanced troubleshooting, High-voltage installations & maintenance, and many other electrical tasks

**1985-1991                      United States Navy                      Charleston, SC**  
**Engineering Watch Supervisor**

- As E-5, qualified to level normally performed by E-7 and above on nuclear-powered submarine.

- Responsible for safe and efficient operation of multi-million dollar nuclear reactor plant.
- Received numerous commendation awards for achievements while serving onboard the U.S.S. Simon Bolivar.

## Education:

**2008**                      **E-Hazard**                      **Louisville, KY**  
Attended train-the-trainer qualified class for low-voltage and high-voltage instructor for NFPA 70E.

**2007**                      **NFPA**                      **Seattle, WA**  
Attended NEC/70E 40-hour course presented by NFPA. Course included 32 hours of National Electrical Code with 8 hours of NFPA 70E.

**2003-2006**            **University of Phoenix**                      **Phoenix, AZ**  
B.A., Business Management.  
Graduated with honors.

**1991-2006**            **Alcoa**                      **Newburgh, IN**  
Attended wide variety of training/educational events, including Trainer for Confined Space Entry, Rescue and Firefighter 1 & II, First Responder, Networking and Fiber Optics Installation and Maintenance, Electrical Safety, NEC Instructor, and others during career at Alcoa.

**1985-1991**            **U.S. Navy**                      **Charleston, SC**  
Electrician's Mate School  
Nuclear Power School  
Electrical Troubleshooting & Safety School