

Curriculum Vitae

Kenneth Sellars

Experience:

April 2014 to Present **e-Hazard** **Louisville, KY**
Consultant

Consult with companies needing arc flash assessments and training
Conduct electrical safety training focused on NFPA 70E, NESC and NEC



2009 to Present **Instructor / Business Owner** **Bainbridge, GA**

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
Teach Electrical Safety, National Electrical Code, Grounding/Bonding, Arc Flash Safety nationwide

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 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

Curriculum Vitae / Kenneth Sellars (continued)

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