



## **QUALIFICATIONS BRIEF**

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**RICHARD E. WOOD**  
**Senior Consultant**

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### **SUMMARY**

Richard has over 37 years in the Electrical Manufacturing and Construction Industry with an extensive background in electrical safety. His expertise includes developing and managing a successful technical training institution licensed by the State Board of Proprietary School Registration. He designed, equipped, and coordinated a 15,000 square foot world class electrical and instrumentation training center. Provided complete program design and implemented curriculums, tests, and lesson plans. Developed apprentice programs that are utilized by the State of Ohio to qualify individuals as Certified Journeymen. Developed administrative policies that adhere to the board requirements. Designed and coordinated a successful maintenance multicraft transition effort large corporation. Designed, programmed, and oversaw major PLC upgrades. Designed and installed electrical circuitry for major batching modification.

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### **EXPERIENCE**

#### **Present**

##### **AVO Training Institute – Senior Consultant**

Development, marketing, and presentation of AVO Training Institute’s training programs in Basic Electricity, Basic Electrical Troubleshooting, Electronics for Electricians, Electronics Troubleshooting, Motor and Generator Maintenance and Testing, Motor Controls and Starters – Low Voltage, National Electrical Code®, OSHA Electrical Safety-Related Work Practices, Electrical Safety for Industrial Facilities, Electrical Safety for Inspectors, NFPA 70E, Arc Flash Hazard Analysis Seminar, Electrical Safety for Operators, and Electrical Safety Needs Assessment.

#### **1986 – 2008**

##### **Ohio TEC, Inc. – Ashville, Ohio – President**

Responsibilities included management of training and engineering firm; designing and managing various construction projects; designing, programming, and overseeing of Programmable Logic Controllers (PLC) projects; assisting industrial clients with training and maintenance efforts; performing needs analysis, instructional design, JIT training, instruction, and curriculum development; creating and administering entrance exams for journeymen and apprentices; arc flash training and analysis; creating video and computer-based training for various training applications; curriculum development for electrical and instrumentation programs approved by the state of Ohio for apprentice training; managing complete plant operations for major manufacturers and training agency, state of Ohio for continuing education of electrical license.

##### **National Transfer Technology – Englewood, Colorado – Instructor**

Presented classroom instruction on National Electrical Code (NEC®) and Electrical Safe Work Practices.

## **QUALIFICATIONS BRIEF (CONT)**

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### **Avo Training Institute – Dallas, Texas – Instructor**

Presented classroom instruction on National Electrical Code (NEC®), Programmable Logic Controllers (PLC), Basic Electricity, and Control Circuitry.

### **Pickaway Ross Joint Vocational School – Chillicothe, Ohio – Electronic Instructor**

Responsible for curriculum development, lesson plans, and instruction of electronics courses.

### **Ross Laboratories – Columbus, Ohio – Industrial Electrician**

Maintained, installed, and troubleshooted electrical equipment for food processing; equipment included can presses, bottle/can fillers, robotics, palletizers, and can welders. Designed PLC and fiber optic packaging control that resulted in one of the highest suggestion bonuses paid. Redesigned bottle filling controls and install during shutdown.

### **RCA – Circleville, Ohio – Industrial Electrician**

Shift electrician responsible for troubleshooting and maintenance of equipment related to glass production of picture tubes, including forming presses, RF generators, batching system, polishing/grinding equipment. Designed and installed major electrical control changes in batching system during 1973 shutdown.

## **EDUCATION AND PROFESSIONAL**

### **Thomas Edison State College – Trenton, New Jersey – 1997**

Associate of Science – Electrical Technology

Bachelor of Science – Business Administration

### **Franklin University – Columbus, Ohio – 1981 – 1982**

Bachelor of Science – Electronics Engineering Technology

### **Professional Affiliations:**

National Fire Protection Association

Instrument Society of America

American Society of Training and Development

Institute of Electrical and Electronic Engineers

### **References:**

Available upon request