



Certified Electrical Inspector ICC no. 28880
email: redwood@codecheck.com

EXPERIENCE SUMMARY

As an Instructor/Seminar Leader

- Conduct Electrical Safety Classes for NTT Inc.
 - Sample of clients I have served recently:
 - Nasa/Ames Research
 - American Museum of Natural History
 - State Farm Insurance
 - Conagra Brands Food Company
- Produced and conducted Electrical Safety Classes for Martin Technical
 - Sample of clients I served:
 - US Consulate- Monterrey Mexico
 - Superior Essex Corp
- Produced and conducted 2 & 3-day NEC, Electrical Safety NFPA70E and Basic Industrial Electricity seminars under contract to Praxis Corp.
 - Sample of the clients I served:
 - Vestas Wind
 - Harley Davidson Motorcycle Corp.
 - Weyerhaeuser Corp.
 - Glatfelter Corp.
 - Mittal Steel
- Produce and conduct "Code Check" seminars of various lengths 1996-Present
 - Sample of clients I served:
 - Cupertino Electrical
 - Robert's Electrical
 - City of Oakland Building Department
 - City of San Jose Building Department
- Conducted 2 & 3-day NEC, Electrical Safety NFPA70E and Basic Industrial Electricity seminars under contract to NTT Inc.
 - Sample of their clients I served:
 - Public Seminars

As a private inspector/consultant inspected:

- I have conducted electrical safety audits for NTT.
 - Sample of their clients I served:
 - Conagra,
 - American Museum of Natural History
- I have conducted electrical safety audits for Martin Technical.
 - Sample of the clients I served:
 - Conagra,
 - Parker Hannifin
 - Colgate Palmolive.
- Previous NEC inspections conducted as an independent contract inspector included:
 - Joint Intermodal Terminal Port of Oakland
 - San Jose Airport runway renovation
 - Livermore Waste Treatment Facility
 - GSA County of Alameda Veterans Building
 - Stanford Linear Accelerator
 - Castro Theater S.F.

As a writer authored:

- Creator/Author of the [Code Check](#) series of field guides to building codes for Taunton Press 1995-present. (More than 1,300,000 copies sold to date)
- EC&M magazine: “[Don’t Call Them Windmills](https://www.ecmweb.com/contractor/don-t-call-them-windmills)”
<https://www.ecmweb.com/contractor/don-t-call-them-windmills>
- Masks, Published by the Los Angeles Mask Theater 1979
- [Backstrap Weaving of Northern Ecuador](#). Published by Sharpshooter Press 1973

As a City of Oakland, CA combination/specialty inspector my duties included:

- All trades inspections of one and two-family dwellings
 - UBC(ICBO)
 - UPC(IAPMO) o UMC(ICBO)
 - NEC(NFPA)
- Researched and developed proposal for electronic data acquisition with handheld computers.
- Developed training curriculum for transition from specialty inspections to combination inspections.

As a specialty electrical inspector my duties included:

- NEC based code inspections of:
 - Oakland Municipal Airport, FedEx terminal, Oakland Coliseum/Arena
 - Residences of all sizes
 - Office Towers
 - Major manufacturing facilities
- Assisted Fire Marshall on forensic investigations.

As a maintenance and installations manager:

- Managed a department of 28 people. Staff that I supervised included, technicians, electricians, pipefitters, welders, ac/r mechanics, control technicians, auto mechanics, 3 first line supervisors and an administrative aide.
- Supervised and administered installation of all new production lines.
- Supervised and administered maintenance of all high-speed packaging, food processing equipment and a sugar products tank farm.
- Developed and programed a computerized equipment maintenance system (Dbase III) of work orders, preventative maintenance and machine histories.

As a lead electrician:

- Established an electrical department capable of installing switchgear, conduit systems, and control technology.
- Supervised the work of three electricians and was responsible for their training in NEC codes, ANSI standards of electrical diagrams, and the fundamentals of control technology.
- Supervised and administered the installation of all new production equipment and the maintenance of high-speed packaging and food processing equipment for a facility with an annual production of 28 million dollars of confectioneries.
- Installed and programmed SQUARE D SYMAX programable controllers in the "relay logic" language.
- Designed and built numerous control panels and control systems utilizing both conventional electro-mechanical controls and newer programable controllers.
- Designed, and installed various motor control centers, feeders, load centers and service equipment; sized wire and conduit; all to NEC specifications.
- Established reliable vendor support for specialized projects.

As a journeyman electrician worked on:

- Residential from rough-in to trim-out.
- Commercial office buildings, showrooms, restaurants and apartments
- Industrial class 1 chemical plants, food processing, hospitals, and high-speed packaging

As a performing artist

- Performed for 4 years with the "Screaming Memes" theater company.
 - Taught mask theater workshops for children and grade school teachers for the Los Angeles Mask Theater
 - Theater arts teaching assistant Cabrillo College
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WORK HISTORY

Inspector/trainer- National Technology Transfer	2016-Present
Inspector/trainer- Martin Technical	2013-2015
Instructor/trainer- Praxis Corp.	2006-2013
Seminar Leader- National Technology Transfer	1999-2006
Inspector/Consultant	1998-Present
Electrical Inspector- City of Oakland	1986-1999
Journeyman Electrician- Jordan Electric, Berkeley, CA	1985-1986
Maintenance Manager- Harmony Foods, Santa Cruz, CA	1983-1985
Lead Electrician- Harmony Foods, Santa Cruz, CA	1982-1983
Wireman- Custom Switchgear, Santa Clara	1982
Journeyman Electrician- Roberts Electric, San Jose, CA	1981
Theater Arts Trainer- Los Angeles Mask Theater	1980-1981
Performer/writer- Screaming Memes, Santa Cruz, CA	1976-1980
Teaching Assistant- Theater Arts Dept. Cabrillo College, Santa Cruz	1977-78
Restaurant Owner/Mgr.-Villa Rocio, Otavalo, Ecuador	1972-74

EDUCATION

Los Angeles Trade Technical College Major: Electrical Construction and Maintenance Certificate of Completion	1978-1980
Cabrillo College Courses: Electrical Codes, Materials, Control Systems	1981

PROFESSIONAL AFFILIATIONS

International Association of Electrical Inspectors
Electrical Contractor State of California C-10 427702 (1983)
Instrument Society of America (former member)
I.C.C. Certified Electrical Inspector
I.C.B.O. Certified Combination Dwelling Inspector
I.A.P.M.O. member
Building Education Center-Instructor

REFERENCES

Richard Van Wert- President Ben Franklin Chapter IAIE	richvanwert@gmail.com
Marvin Millet- Supervising Electrical Inspector City of Oakland	mmillet@oaklandnet.com
Russell Ellis- Vice Chancellor University of California (Emeritus)	russ@lmi.net