

# **Resume for Redwood Kardon**

**Certified Electrical Inspector ICBO/ICC no. 28880**

**email: [redwood@codecheck.com](mailto:redwood@codecheck.com)**

## **EXPERIENCE SUMMARY**

### ***As Presenter/Seminar Leader***

- Produce and conduct "Code Check" seminars of various lengths 1996-Present
- Produce and conduct 2 & 3 day NEC, Electrical Safety NFPA70E and Basic Industrial Electricity seminars under contract to Praxis Corp. 2006-present
  - Harley Davidson Motor Cycle Corp.
  - Weyerhauser Corp.
  - Glatfelter Corp.
  - Mittal Steel
- [NTT](#) Inc. 1998-2006
  - Sample of clients from my NTT contracts:
    - White House Communications staff
    - National Institute of Standards and Technology
    - Sunoco Petroleum
    - United States Air Force
    - Transocean Oil Drilling

### ***As a private inspector/consultant inspected:***

- 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.
- Consult with numerous electrical contractors

### ***As a writer authored:***

- Creator/Author of the [Code Check](#) series of field guides to building codes for Taunton Press 1995-present. (More than 1,000,000 copies sold to date)
- [Masks](#), Published by the Los Angeles Mask Theater 1979
- [Backstrap Weaving of Northern Ecuador](#). Published by Sharpshooter Press 1973

***As a technical advisor consulted on:***

- Tauton's Wiring a House, 1997
- Ortho's Home Repair Problem Solver ,1995
- Books That Work's Getting Wired, 1995

***As a combination/specialty inspector duties included:***

- All trades inspections of one and two family dwellings
  - UBC(ICBO)
  - UPC(IAPMO)
  - 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 duties include:***

- District area responsibilities have included:
  - The Oakland Municipal Airport, a new FedX terminal, The Oakland Coliseum/Arena
  - Residences of all sizes
  - Office Towers
  - Major manufacturing facilities
- Local and national code enforcement

***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 programmed a computerized equipment maintenance system(Dbase III) of work orders, preventitive 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 highspeed 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**

Instructor/trainer- Praxis Corp.	2006-present
Seminar Leader- National Technology Transfer	Aug..1998-2006
Inspector/Consultant	Aug.1998-Present
Electrical Inspector- City of Oakland	Aug.1986-Aug. 1998
Journeyman Electrician- Jordan Electric, Berkeley, CA	Aug. 1985-Aug. 1986
Maintenance Manager- Harmony Foods, Santa Cruz, CA	Aug. 1983-Aug. 1985
Lead Electrician- Harmony Foods, Santa Cruz, CA	Mar. 1982-Aug. 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 (since 1988)

## **REFERENCES**

Creighton Schwan- Electrical Consultant	BevSchwan@aol.com
Marvin Millet- Supervising Electrical Inspector City of Oakland	mmillet@oaklandnet.com
Russell Ellis- Vice Chancellor University of California (Emeritus)	russ@lmi.net