



## CURRICULUM VITAE

### Joshua Penso, P.E. Electrical Safety Engineering Consultant

#### PROFILE

Mr. Penso is a highly qualified and experienced technical professional with outstanding credentials as an Electrical Engineer. He is a multi-state registered Professional Engineer (PE), specializing in Electrical Engineering with experience in commercial, industrial, institutional and residential projects.

Mr. Penso has served in a variety of skilled roles, such as, Electrical Design Engineer, Electrical Project Engineer, Project Manager, and Senior Project Manager. His technical responsibilities have included application and design of lighting, power, and low-voltage systems, including design, equipment specification, coordination with other disciplines, construction administration and supervising Computer-Aided Design and Drafting (CADD) technicians and junior staff.

Mr. Penso has demonstrated accuracy and assessment compliance of OSHA, NFPA's National Electrical and Safety Codes, and other relevant national consensus standards during safety consultations and litigation support as an expert witness.

#### PROFESSIONAL LICENSES

Registered Professional Engineer

- State of Arizona, License No. 44998, 2006
- State of California, License No. E-16741, 2002
- State of Colorado, License No. PE.0047951
- State of Nevada, License No. 16473, 2004
- State of New Mexico, License No. 21378, 2012
- State of Texas, License No. 112408, 2012
- State of Utah, License No. 8763099-2202

#### PROFESSIONAL CERTIFICATIONS

- National Council of Examiners for Engineering and Surveying, Registered No. 43957, 2011
- LEED-AP, Leadership in Energy and Environmental Design – Building Design & Construction

#### AREA OF ENGINEERING EXPERTISE

Electrical Engineering – Power Systems

#### ACADEMIC CREDENTIALS

B. Sc. - Engineering, Harvey Mudd College, Claremont, CA, 1993

#### ANCILLARY EDUCATION AND TRAINING

OSHA-30, Occupational Safety and Health Administration – General Industry Course

**PROFESSIONAL EXPERIENCE**

- 2013 - Present      **Americana Safety Associates, LLC - Las Vegas, Nevada**  
Electrical Safety Engineering Consultant
- Provides expert witness and litigation support to trial attorneys as a contract consultant in personal injury, negligence and wrongful-death law cases. Areas of specialization include, but are not limited to, occupational safety and health, accident reconstruction, lighting and electrical safety issues.
  - Provides consultation services to business and industry on electrical safety issues, concerns and abatement of hazards. Additionally, provides regulatory compliance and on-site inspection services to ensure compliance with all applicable U.S. federal and state electrical requirements, codes and regulations.
- 2009 - 2013      **Private Practice, Las Vegas, Nevada**  
Electrical Engineering Consultant
- Meet with clients on current and future projects. Supervise the design and production of residential, commercial and multi-family projects. Defined the design, schedule and budget for projects. Represented projects at City and County meetings.
- 2009 - 2011      **Parsons Corporation, Las Vegas, Nevada**  
Project Engineer
- Provided on-site construction administration of North Las Vegas Veteran’s Administration Medical Center including a hospital, central plant and nursing care facility. Review and correction of engineer of record's electrical and low voltage systems design. Reviewed third party SKM electrical system analysis and monitored subcontractor performance/progress.
- 2007 - 2009      **Comfort Engineering, Las Vegas, Nevada**  
Electrical Engineer
- Provided electrical design and construction administration of large industrial warehouses, shell and tenant improvement projects, auto shops, gas stations and city fire stations, in addition to many residential and multi-family projects. Utilized specialized software to simulate fault current which caused fire at Lake Mead Marina. Managed the electrical design department.
- 2005 – 2007      **Wright Engineers, Las Vegas, Nevada**  
Electrical Engineer
- Electrical design and construction administration of residential, commercial and multi-family home sites.
- 2004      **Professional Design Associates, Henderson, Nevada**  
Electrical Engineer
- Electrical design and construction administration of Clark County School District school projects.
- 1998 – 2003      **M.E. Engineers, Los Angeles, California**  
Electrical Engineer
- Electrical design and construction administration of hospitals and public works projects.

**AVAILABILITY**

Mr. Penso is available for select accident reconstruction and electrical engineering consultations in the Southwest US through Americana Safety Associates, LLC.

## CURRICULUM VITAE ADDENDUM

### RELEVANT PROJECT EXPERIENCE

#### Commercial Projects

- **Advanced Training Institute – Las Vegas, Nevada**  
Project Electrical Engineer. Designed electrical power and lighting systems for large 65,000 square foot warehouse facility being renovated into new school for HVAC and auto shop technician students and personal trainer students.
- **Hooters Casino and Hotel – Las Vegas, Nevada**  
Project Electrical Engineer. Worked on remodel of an existing hotel casino facility.
- **Farmer Boys McCarran – Las Vegas, Nevada**  
Project Electrical Engineer. Project encompassed a 4,000 square foot restaurant. Designed electrical power and lighting systems and coordinated requirements with other trades and kitchen equipment consultants.
- **Hacienda Auto Center Renovation – Las Vegas, Nevada**  
Project Electrical Engineer. Project encompassed a 9,000 square foot auto shop center. Designed electrical power and lighting systems and coordinated requirements with mechanical engineer, architect and auto shop equipment consultant.
- **Cardiovascular Associates – Las Vegas, Nevada**  
Project Electrical Engineer. Project encompassed a 4,000 square foot medical office. Designed electrical power and lighting systems. Coordinated requirements with equipment consultant, landlord and tenant prior to start of construction.
- **7470 S. Dean Martin Warehouse – Las Vegas, Nevada**  
Project Electrical Engineer. Developed demolition and new work electrical layouts for 100,000 square foot warehouse.

#### Residential Projects

- **Khanna Residence – Las Vegas, Nevada**  
Project Electrical Engineer. Prepared the electrical plans and calculations for a 22,000 square foot custom home. Coordinated design with mechanical and other trades and electrical service with utility company.
- **Rosenblum Residence – Las Vegas, Nevada**  
Project Electrical Engineer. Prepared the electrical load calculations for an 11,000 square foot custom home. Coordinated exact requirements with developer and owner's representatives.
- **Pulte Homes, Beazer Homes, Blue Heron, Toll Brothers, Christopher Homes, KB Home and others – Las Vegas, Nevada**  
Project Electrical Engineer. Designed and coordinated electrical requirements for many tract and semi-tract (lot specific) single family homes and multi-family developments.

#### Mixed Use/Multi-Family Projects

- **Pinebrook Apartments Renovation – Costa Mesa, California**  
Project Electrical Engineer. Prepared electrical plans for large apartment community renovation. Determined exact electrical requirements based on code, owner and architect guidelines/requirements.
- **Hudson Apartments – Pasadena, California**  
Project Electrical Engineer. Prepared electrical plans for apartments being renovated due to fire damage. Determined exact electrical requirements based on code, owner and architect guidelines/requirements.

**Mixed Use/Multi-Family Projects (Continued)**

- **Russell Road Development – Las Vegas, Nevada**  
Project Electrical Engineer. Prepared electrical plans for large mixed use development including condos and retail. Coordinated exact requirements with developer and architect.
- **C2 Mixed Use Lofts – Las Vegas, Nevada**  
Project Electrical Engineer. Prepared electrical plans for large mixed use development. Visited site and coordinated exact requirements with developer and architect.

**Public Facilities Projects**

- **Sartini, James Down Towers and Aida Brents Senior Apartments – Las Vegas, Nevada**  
Project Electrical Engineer. Designed improvements to site lighting at three senior public housing developments.
- **UCLA Kaufman Hall – Los Angeles, California**  
Project Electrical Engineer. Prepared electrical drawings and calculations for large new dance and theater facility.
- **Los Angeles City Public Libraries – Los Angeles, California**  
Project Electrical Engineer. Prepared electrical drawings and calculations for several new 12,000 square foot libraries.

**Public Works Projects**

- **Las Vegas Veterans' Administration Medical Center – North Las Vegas, Nevada**  
Electrical Construction Manager. Performed construction administration of facility. Responded to contractor requests of information, evaluated equipment submittals and cost items and performed daily site inspection.
- **Horseman's Park – Las Vegas, Nevada**  
Project Electrical Engineer. Designed lighting for new horse trail. Coordinated existing site utility layout and other requirements such as irrigation and ticket booth electrical service.