**Rich Mascarenas**

Training Specialist

Certificates/Licenses

* Licensed master electrician (CO #ME0028030)
* Licensed contractor (CO)
* Certified instructor for University of Tennessee

Education/Training

**National Instructor Training Institute** **2000**  
NJATC/University of Tennessee

**Journeyman Electrician** **1992**  
Denver Joint Electrical Apprentice Training Center

Instructional Experience

**TPC Trainco 2003 - present**Conducts electrical training seminars, assessing the training needs and comprehension of the students, preparing training material and agenda, continually enhancing technical instructional delivery and presentation skills, adjusting course content in accordance with business needs and regulatory requirements, and ensuring the quality of the course content throughout a course life cycle. Over 600 hours of classroom instructional experience per year.

**Denver Joint Electrical Training Apprenticeship Training Center 1995 - present**  
Present National Joint Apprenticeship Training Center (NJATC) material to apprentices and journeymen in five-year program; develop and present material for specialized training as needed.

Technical Experience

**Journeyman Wireman, Foreman (Intermountain Electric)** **1999 - 2004**  
New install of switchgear, generators, power systems, security and fire alarms, lighting and communications at Mardi Gras Casino and Parking and at Boulder High School

**Journeyman Wireman, Foreman 1997 - 1999**  
Supervising, layout, and installation of production remodel; new building installation; switchgear installation, setup and testing; generator installation, setup and testing; facility grounding at large commercial facilities, medical, and industrial buildings.

**Apprentice, Journeyman Electrician, and Foreman (Sturgeon Electric) 1986 - 1996**  
Remodeling and electrical installation of office areas, hazardous manufacturing locations, large UPS systems, fire alarm and security systems, voice video and data systems, 12V to 13.8kv.