



Alex Martínez

Electrical Safety Consultant

Alex Martínez has over 10 years experience working in industrial electrical systems. His B.S. in Mechanical Engineering is from Mexico's University of Nuevo León. He earned a B.S. and M.S. in Renewable Energy in Sweden and Spain, respectively. Alex is presently with Voltech Energy Consulting in Nueva León, Mexico.

At AMPSAFE (San Antonio, Texas) he focused on electrical engineering analysis. He performed arc-flash hazard analysis, electrical safety reports, infrared surveys, and electrical system analysis studies. Alex also has experience in mechanical engineering and renewable energy applications.

Career Highlights

e-Hazard **2021- Present**
Electrical Safety Consultant

Voltech Energy Consulting **2019- Present**
VP – Project Team Leader
Nuevo León, Mexico

AMPSAFE **2016- 2019**
Technical Manager of Electrical Engineering Analysis
San Antonio, TX

- Performed arc-flash hazard analysis, electrical safety reports, infrared surveys, and electrical system analysis studies
- Supervised Single Line Diagram (SLD) drawings in low and medium voltage (LV-MV).
- Developed a new method to perform electrical safety evaluations
- Enhanced and taught electrical safety courses for technical electrical staff

Tecnoturbines **2016**
Msc Thesis Intern
Alicante, Spain

- Executed the technical and commercial product development of a grid-tied micro-hydraulic turbine system for power generation.
- Developed a technical/commercial tool (using Excel VBA and Macros) for turbine selection, equipment sizing, and immediate quoting.

Snapshot

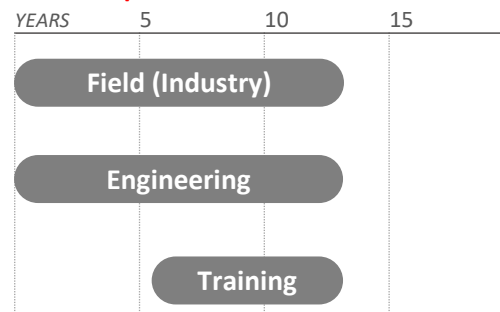
Focus

Trilingual: English/Spanish/Italian

TRAINING

- Low Voltage
- High Voltage
- Electric Vehicle (EV)
- Customized

Career Experience Timeline



Education & Certifications

Autonomous University of Nuevo León, Nuevo León, MX

B.S., Mechanical Engineering

KTH Royal Institute of Technology, Stockholm, Sweden

B.S., Renewable Energy

Polytechnic University of Catalonia, Barcelona, Spain

M.S., Renewable Energy

InnoEnergy Master School Program, Barcelona, Spain

Certified Internal Auditor