



Field Technician – San Antonio, Texas

AEM is combining global leaders to provide reliable and innovative environmental monitoring and analysis solutions. Our family of innovators offer world-class technologies and services, including sensors, dataloggers, telemetry, and software that provide advanced analytics and prediction. These technologies enable decision makers to improve their reaction time to weather and environmental events, helping to protect communities, people, and infrastructure.

High Sierra Electronics, an AEM brand, is the leading expert in environmental monitoring systems for the protection of lives and property. By monitoring floodways, roads, dams, and real-time weather events, we can arm our customers with accurate data to confidently manage their environments. We design, install, maintain, and troubleshoot Early Warning Systems that enable our customers to maintain safety and reliability in critical areas.

Job Summary: Maintain, monitor, integrate, install, troubleshoot, and repair Early Warning Systems (EWS) including ALERT, ALERT2™, IP, and other real-time telemetry gauges.

Duties and Responsibilities

- Maintain, monitor and repair EWS (Early Warning Systems).
- Install or rehab vendor-specific EWS systems, applying relevant protocols and options.
- Aid in the design and construction of custom configurations appropriate for unique hydrologic/geomorphic site limitations.
- Analyze consistency, completeness, and accuracy of collected data to ensure system reliability.
- Perform out of state installations and maintenance requiring extended travel time.
- Troubleshoot various systems via onsite field work or customer phone support.
- Provide technical phone support to key customers.

Knowledge, Skills, and Abilities

- Operation and proper use of hand and machine tools.
- Operation and proper use of digital multi-meters and other electrical diagnostic tools.
- Knowledge of DC circuits and basic circuitry analysis calculations.
- Familiarity with use of a soldering iron.
- Construction skills, including masonry, trenching, and conduit. Experience operating large machinery.



- Familiarity with Microsoft® Windows® and the following computer software: Excel, Word, and other proprietary software.
- Attention to quality and must be detail oriented.
- Ability to troubleshoot problems (in less than perfect environmental conditions) related to RF, electronics, poor hardware configurations, telemetry, and various meteorological sensors.
- Experience working extended hours outdoors in the San Antonio area is a must.
- Ability to read electrical schematics and wiring diagrams.

Competencies

- Analytical, Problem Solving, Technical Skills, Customer Service, Interpersonal Skills, Oral Communication, Written Communication, Teamwork, Judgement, Motivation, Planning/Organizing, Professionalism, Quality, Quantity, Adaptability, Dependability, Initiative, Innovation

Education and Experience

- Associates Degree, preferably in some physical science, engineering, hydrology or equivalent work experience.
- Understanding of hydrological and meteorological engineering principles.
- Basic knowledge of electronics including DC and AC circuits, resistors, capacitors, relays, and basic circuit principles
- Must be able to lift 50lbs on a consistent basis. Work frequently involves stooping, kneeling, bending, and standing. Must be able to navigate uneven surfaces and difficult terrain as needed and be able to tolerate exposure to all outdoor weather conditions, including extreme heat, cold, rain and snow.
- Good driving skills and driving record. Insurable driver with valid driver's license.

Compensation is based upon experience and qualifications.

Benefits available to full time employees include: Medical, dental, vision, 401k, and paid time off.

No phone calls or faxes please.

E-mail: hr@hsierra.com

High Sierra Electronics and AEM are Equal Opportunity Employers.