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Environmental Field Technician

**Sonoma Technology** is seeking an Environmental Field Technician to assist with and conduct field measurement and operational programs for industrial and community air monitoring projects in the Los Angeles Basin. The projects use sophisticated instruments and small sensor technology to collect air quality and meteorological data. The measurements support applications in meteorology, air quality, air quality health effects, public information on air quality in communities, and other environmental disciplines. You will work with our experienced senior scientists and clients to execute both long- and short-term monitoring projects in environmental monitoring; training will be provided as needed. While the position and most of the work are based in Southern California, project work may occur throughout the U.S. and occasionally internationally. The ideal candidate is passionate about using state-of-the-art equipment and processes to ensure collection of the highest quality data that further our clients’ understanding of the environment.

Selected by the North Bay Business Journal as one of the Best Places to Work for the 14th consecutive year, Sonoma Technology, is an employee-owned consulting firm that provides innovative, science- and technology-based solutions for our clients' environmental challenges worldwide. Our integrated teams of air quality and environmental scientists, meteorologists, software engineers, and specialists tailor products and services to best serve our clients. We empower our clients to make informed, timely decisions about environmental issues.

We believe that our most valuable resource is our team. We offer a casual but professional work environment, a competitive benefits package to full-time employees, and an opportunity to address intellectually challenging environmental issues. We organize a variety of inclusive activities throughout the year and enjoy a balanced and supportive culture. For more information about our culture, visit [www.sonomatech.com/charter](http://www.sonomatech.com/charter).

Sonoma Technology, is an affirmative action and equal opportunity employer. For more information, visit [www.sonomatech.com](http://www.sonomatech.com).

## Key Responsibilities

* Perform equipment installation, maintenance, troubleshooting, and calibrations
  + Install, operate, and maintain instruments that measure the gas and particle phase
  + Install, operate, and maintain remote sensing instruments (e.g., radar wind profilers, sodars)
  + Install, operate, and maintain open-path instruments
  + Install, operate, and maintain small/low-cost sensors
  + Configure communication equipment for remote data transfer (e.g., cellular modems)
  + Perform instrument audits (meteorological and air quality)
  + Conduct data review and quality control; may conduct basic meteorology and air quality analyses
  + Participate in 24/7 on-call rotation to respond to instrument issues and concentration exceedances
* Assist in communicating project information to project managers and staff

## Required Qualifications and Skills

* Strong interest in working with sophisticated air quality and meteorological instrumentation
* Excellent communication, organization, time-management, problem-solving, and customer service skills
* Proficiency in mechanical and electrical systems
* Skilled with basic hand tools and electrical testing devices
* Strong computer skills, including Microsoft Excel and Word; knowledge of computer programming is a plus
* Ability and willingness to travel locally, and occasionally to other parts of the country
* Valid driver’s license and clean driving record
* Ability to pass initial and random drug tests

## Desired Qualifications

* A degree in an environmental, chemical, or physical science or engineering
* Experience with air quality and/or meteorology measurements
* Experience with environmental data acquisition systems
* Experience with data communications equipment

## To Apply

Please send a letter of interest and a resume by email, mail, or fax to:

Cathy Anthony

Sonoma Technology

1450 N. McDowell Blvd., Suite 200

Petaluma, CA 94954

Email: [canthony@sonomatech.com](mailto:canthony@sonomatech.com)

Fax: 707.665.9800

No calls please. Include this job reference code in your communication: EFT