



Kevin M. Smith

*Senior Air Quality Field Technician
Project Manager*

Mr. Smith joined Sonoma Technology in 2008 and is based in the Los Angeles area. He is the lead field technician and project manager for multiple air quality and meteorological monitoring projects, including the Sunshine Canyon Landfill monitoring project in Los Angeles, the South Coast Air Quality Management District's (SCAQMD) upper-air monitoring network, and the California Department of Transportation's (Caltrans) Roadway Weather Information System (RWIS) network maintenance and calibration project. As part of his work for SCAQMD, Mr. Smith provides onsite support for atmospheric measuring and sampling equipment (including radar wind profilers, sodars, microwave radiometers, ceilometers, and surface meteorological sensors) and data acquisition systems for their network of radar wind profiler sites. As the site operator for the Sunshine Canyon Landfill monitoring project, he maintains black carbon (BC) and particulate matter (PM₁₀) analyzers and surface meteorological monitoring instruments. He performs bi-weekly inspections, calibrations, and data extractions; investigates and resolves data telemetry and display issues; maintains site logs; and responds to emergency service calls.

Mr. Smith is the primary auditor for the 2020 SCAQMD surface meteorological network. The network consists of 52 meteorological stations across four counties in southern California, and Mr. Smith ensures that the stations are operating within U.S. EPA and California Air Resources Board (CARB) guidelines. Currently, Mr. Smith is performing the inspection and audit of the Caltrans RWIS network in six districts throughout the state of California.

Mr. Smith brings to his position a technical service background consisting of a broad range of experience installing, repairing, and servicing electrical and mechanical systems (including AC/DC voltage circuits, microprocessor controls, and solid state recorders and logic operations); and power supplies and transformers. He has more than 18 years of experience in field service practices and procedures. This experience includes troubleshooting, diagnosing, and repairing modules with component parts; reading and interpreting complex schematics, engineering drawings, work orders, technical manuals, and specifications; analyzing and investigating device operations for malfunctions; preparing and maintaining appropriate and required records; developing technical reports; and using advanced test equipment, basic hand tools, and special tools as required.

Mr. Smith is proficient in Microsoft operating systems (OS), Linux, Microsoft Office, Esri ArcGIS v9.3, CR Basic programming, Ethernet networking, and modem and router configuration.

Education

- BA, Commercial Illustration, Color Technology, Brooks Institute, Santa Barbara, CA

Certifications

- Campbell Scientific Instruments
- Vaisala Roadway Systems
- Scintec Lap3000 Radar Wind Profiler
- Atmospheric Systems Sodar 2000
- CARB Air Academy AP101

For a list of publications, see sonomatech.com/ResPub/KMSpub.pdf.