

Job Description: FIELD SAMPLING TECHNICIAN

Status: Non-exempt, full-time

Salary: Approximately \$40,000 to \$55,000 per year with overtime

Summary of the Position: Thermochem is looking for a highly motivated and diligent technician who is interested in starting an exciting career in the geothermal energy industry. The Field Sampling technician is our entry-level field services position. This person prepares equipment for deployment, performs field sampling tasks, collects field measurements, and assists with data entry and reporting. Field sampling technicians work side-by-side with Field Chemists as they develop field sampling skills and learn to apply their knowledge of chemistry in real-world applications. The position offers a cross-sectional view of the entire geothermal energy industry. This is a demanding job, suited for a quick-learning, aspiring scientist who loves to travel and is proficient with hand tools.



Duties and Responsibilities

Sampling:

- Coordinate with supervisor and Field Chemist on project preparation
- On-site assistance to Field Chemist on all field projects
- Participate in Job Safety Analyses and on-site safety meetings
- Collect samples, record field data
- Conduct basic field chemistry analysis
- Assist with field data entry and reporting process
- Follow standard operation procedures for field work

Equipment:

- Routine maintenance of field sampling equipment and instrumentation
- Prepare and pack equipment for field operations
- Operate field equipment in the laboratory and in the field
- Help maintain inventory of field sampling tools, instruments, sampling bottles and equipment
- Assist in maintenance of field vehicles

Safety:

- Work safely in powerplant, wellfield, machine shop, and office environments
- Participate in on-site safety meetings
- Assist in development of safety procedures for new tasks
- Learns and follows client-specific safety requirements

Education, Skills, and Abilities

Education/Experience:

- Any combination of education and experience providing the required skill and knowledge for successful performance is qualifying. Successful candidates generally have:
 1. Two-year technical degree (4 year degree preferred), and
 2. Minimum two years' work experience.

Skills:

- Strong computer skills in Microsoft Office (Excel, Access, Word, PowerPoint).
- Strong written and verbal communication skills.
- Work with a high degree of self-direction and independent judgment.
- Must sustain high productivity in field and office environments.

Work Hours and Travel:

- Office work hours are M-F 8:00-5:00pm.
- Hours during field deployment vary but are ~10-12 hrs./day, 7 days/week.
- Field deployments typically last 2-14 days, averaging 3-4 days.
- Frequent and extensive travel within the US and internationally, 15-30 weeks per year.

Physical Requirements:

- Ability to lift 70 lbs. and to push/pull up to 100 lbs.
- Sitting, lifting, bending, climbing, twisting, reaching, walking, standing and repetitive motion
- Work distribution: ~15% Computer/desk, 25% shop/warehouse, 20% travel, 40% field
- Driving of company vehicles and operation of equipment and machinery (with training)

Working Conditions:

- Standard indoor conditions during office work
- Outdoor sheltered working conditions for shop/warehouse work
- Outdoor unsheltered conditions during field work, including extreme heat and cold, all weather
- Field deployments in all environments from greenfield to fully operational power plants

Licenses:

- Class C motor vehicle operator's license
- Driving record acceptable for Thermochem's corporate insurance policy
- Passport
- IATA DG Shipping (optional)
- HAZWOPER (optional)

Skills Advancement:

- This is an entry-level position that requires a steep learning curve. The skills learned in this position are applicable throughout the company, and our successful Field Technicians are often selected for higher positions in the Field and Laboratory departments.