

Job Description: FIELD CHEMIST

Status: Non-Exempt, full-time

Summary Description:

Thermochem is looking for a highly motivated individual with a unique combination of chemistry knowledge, mechanical aptitude and communication skills to fill the position of Field Chemist, our top-level field services position. The Field Chemist is the lead person on field service deployments at geothermal energy sites around the world, and has the technical knowledge, judgement, and creativity to complete projects with minimal supervision. The Field Chemist performs geochemical fluid sampling, operates field equipment, generates data reports, writes procedures, and develops client relationships. This is a job for a self-motivated, experienced professional who loves to travel, knows how to use hand tools and understands our customers.

Salary: \$75,000-\$90,000/year, depending on experience

Duties and Responsibilities:

Field Data:

- Coordinate with the Field and lab Project Supervisor to:
 - Ensure storage/backup field data and documentation per field data SOP.
 - Verify complete and correct collection of field data on site.
 - Enter field data into calculation sheets as needed.
 - Prepare and review field data reports (TFT, CMF, RTT, SP and SQ, etc...)
 - Summarize project data for management and clients.

Sampling:

- Coordinate with Field and Lab Project Supervisor on project preparation.
- Serve as project technical lead and coordinate with client when on site.
- Perform Job Safety Analyses and conducts on-site safety meetings.
- Maintain field notes and project documentation on site.
- Handle shipping paperwork, including Dangerous Goods shipments.
- Conduct basic field chemistry analysis.
- Design and execute field experiments in support of field method development.
- Develop and follow standard operating procedures.
- Train new personnel and clients on field sampling techniques.

Equipment:

- Equipment condition and supply:
 - maintenance of field sampling equipment and instrumentation
 - inventory of field sampling equipment and instrumentation
- Prepare and pack equipment for field operation.
- Test, troubleshoot, and operate field equipment in the laboratory and in the field.
 - Maintain up to date calibration of field instruments.
- Maintain workshop and warehouse areas.
- Participate in design, assembly, and testing of field-related equipment.

Safety:

- Ensure safety and quality control standards are met and properly documented.
- Conduct on-site safety meetings.
- Work safely in powerplant, wellfield, machine shop, and office environments.
- Assist in development of safety procedures for new tasks.
- Learn and follow 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 will generally have:
 1. Minimum four-year degree in chemistry, or other physical science, and
 2. At least five years' work experience in the geothermal, energy, or chemical industries.

Skills:

- Strong computer skills in Microsoft Office (Excel, Access, Word, PowerPoint).
- Strong written and verbal communication skills.
- Ability to represent the company in a professional manner to clients, suppliers, and visitors.
- Works 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 generally M-F 8:00-5:00pm, but will vary for exempt employees
- Hours during field deployment vary, but are approximately 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, ***25-35 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: ~30% Computer/desk, 5% shop/warehouse, 25% 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
- Forklift Operation
- HAZWOPER (optional)

Skills Advancement:

- This is a Project Lead position requiring extensive technical knowledge. It also provides opportunities to further develop supervisory and leadership skills. This position can lead to Field Services Supervisor and eventually Field Services Manager roles.