



JOB DESCRIPTION

Job Title: Materials Scientist

Department: Research & Development

Location: San Jose, CA

COMPANY:

Want to disrupt one of the largest industries in the world? Fortera is a Materials Technology Company headquartered in Silicon Valley that has created a new low-cost, low CO₂ cement that can reduce cement emissions by 60% and global CO₂ emissions by 5%. The technology is inspired by nature and directly converts CO₂ into a replacement for ordinary cement, turning a problem into a product. With over ten years of testing and 100,000 hours of R&D backing the technology, Fortera is ready to grow the team and begin commercial production of this exciting new product. Be on the ground floor of a carbon-to-value movement that will impact millions for generations to come. We are looking for passionate thinkers, doers, and problem-solvers who share our vision that big challenges are big opportunities for change. Visit www.ForteraUSA.com for more information.

RESPONSIBILITIES:

- Operate and manage material and chemical testing equipment.
- Manage calibration and maintenance of the equipment.
- Generate comprehensive reports of analytical findings and conclusions to present to the R&D team.
- Research and creation of new approaches for analyzing material.
- Follow established laboratory safety protocols and procedures.
- Supplies and inventory control.
- SOP creation, implementation, and employee training.
- Research and source new laboratory equipment.

MINIMUM QUALIFICATIONS:

- Bachelor's degree in Materials Science or Engineering, or equivalent.
- 5+ years working in a laboratory environment professionally.
- Experience operating a Scanning Electron Microscope (SEM), X-ray Diffraction (XRD) is a must.



- Capable of organizing and prioritizing work without excess supervision.
- Excellent communication skills and eagerness to work with colleagues.
- Leadership experience a plus.
- Experience dealing with Thermogravimetric Analyzer (TGA), Particle Size Analyzer (PSA) is a plus.

ORGANIZATION’S VALUES AND CULTURE:

Fortera is proud to be an Equal Opportunity Employer. We do not discriminate on the basis of race, religion, color, national origin, sex, gender identity, gender expression, sexual orientation, age, marital status, veteran status, disability status or any other status protected by applicable law.