

## MECHANICAL ENGINEERS - SAN JOSE & SAN FRANCISCO

AlfaTech is looking for Mechanical Engineers from “Entry Level” to “Department Head”. There are three classifications of Engineer (I, II, and III), each with growing competency in and/or quantity of duties listed below. Engineer I is the “entry level” Engineer position and requires significant input/support from supervising engineers or Department Head. Engineer II is the next level of Engineer and involves less supervision and can handle increasing levels of duties described below. Engineer III is the most senior level of Engineer and can handle most/all of the duties below with little or no input/assistance from others. Engineers may also assume roles and responsibilities for some or all of the positions below their level of responsibility. Refer to organizational chart and individual position descriptions for further information. We have positions open at the AlfaTech headquarters in San Jose, California, as well as in our beautiful downtown San Francisco office.

### Essential Duties & Responsibilities

- Available during regular business hours to meet and respond to the needs of clients and to be available to ATCE staff, and as needed beyond regular business hours when necessary.
- Implement ATCE quality assurance procedures during design process (e.g., Design Criteria submission, Design Checklists, Interdisciplinary Coordination Schedules, etc.)
- Check all technical work for accuracy. Review technical content with Department Heads from each discipline involved in the project where necessary.
- Proposes innovative solutions to design problems.
- Performs calculations, using engineering formulas and skills.
- May perform designs directly on CAD.
- Edit standard material and construction specifications to match project requirements as part of preparation of project specifications.
- Reviews product data submittals for conformance to contract documents
- Designs and selects equipment to meet project specific requirements and company standards.
- Acts as a technical advisor to junior professional staff assigned to the project.
- Documents changes and clarifications to scope, schedule and budget back to PM and in the project files.
- May have a better technical understanding of the project than does the Project Manager.
- Performs submittal reviews and insures accurate, timely response to all construction RFI's
- Assist, co-authors, or authors reports, opinions and recommendations for the approval of the Project Manager concerning the direction of the project.
- May serve as a field engineer during construction by performing site visits and preparing written reports of observations.
- Attends and schedules kick-off, MEP coordination and formal QA meetings if not scheduled by PM
- Signs and seals drawings, if registered. Coordinates review, signature and seal with Team Leader, PM, or Department Head if not registered.

### Key Skills & Qualifications

At a minimum, Engineer will possess or will be studying for the E.I.T. certification, have at least three years experience in engineering, and will possess a college degree in Engineering. Addition of P.E., LEED, BMS and additional years of relevant experience factor into level of Engineer.

### Limits of Authority

Has authority to propose design solutions, however has limited authority in that all major decisions concerning the cost, design, schedule and completion of projects is the responsibility of the Project Manager. All designs, reports and opinions must be approved by the Project Manager or Department Manager. Client contact progresses with the responsibilities and level of Engineer as outlined above.

## Relationship to Others

Reports to his/her Team Leader or Department Head and is assigned to projects by the Team Leader; while assigned to projects, works under the direction of the various project managers. Works closely with engineers in other disciplines for coordination and with the other project team members. Has occasional client contact.

## Benefits

AlfaTech Consulting Engineers offers a comprehensive and competitive benefits package including medical, dental, vision, 401K, employee stock option plan, 9 holidays per year, vacation, sick pay. Alfa Tech has a health & wellness program, workout room & showers, legal assistance program, half day off on the last Friday of the month, and regular social events among other benefits. Plus free drinks in our soda case!

## The Company

Our mission is to always put our clients first by offering the most innovative and sustainable solutions to every project, with a focus on our collective environment and its future. Our working culture perpetuates our standards; each team member is valued for his or her dynamic expertise and imagination. We apply the skill and passion of our people to consistently exceed client expectations. Our working culture fosters an environment that runs on our core values: providing innovative, efficient, and sustainable solutions that offer our world the best environmental, economic and social benefits. Our People are Authentic. Ethical. Smart. Dynamic. Energized. Committed. Inventive. Compassionate. Expert. Loyal. These are the characteristics that represent the AlfaTech team. Each member of our staff embodies our culture and values. It is through each individual's expertise and vision that we are able to provide the most reliable, practical, innovative and sustainable solutions for our clients.

**TO APPLY** for this position, please send your cover letter and resume to [jobs@atce.com](mailto:jobs@atce.com).

*AlfaTech Consulting Engineers is an equal opportunity employer.*