

PRINCIPAL COMMISSIONING ENGINEER – SAN JOSE & SAN FRANCISCO

AlfaTech Consulting Engineers, Inc. (ATCE) is always looking for bright, new talent to join our team. Our top priorities when hiring are to ensure that each candidate shares our vision of sustainability, our drive to stay ahead of the curve and our mission to set the standard for exceptional client service. AlfaTech's Commissioning Department is currently seeking a Principal Commissioning Engineer. We have a senior-level position open at the AlfaTech headquarters in San Jose, California, as well as in our beautiful downtown San Francisco office.

Essential Duties & Responsibilities

- Manage the Energy and Sustainability Department and staff.
- Team with Project Managers, Architects, and Owners to review project designs and write the commissioning section of contract documents as well as review work produced by others.
- Expected to participate in business development, proposal and interviews with prospective clients.
- Undertake and oversee CS projects and site inspections.
- Perform project design review during the design process and identify discrepancies which conflict with the design intent or owner requirement.
- Check and document work performed by the design team, other commissioning agents and contractors.
- Verify that design parameters, equipment submittals, and measured performance are consistent with the specification and Client's operational requirements.
- Identify all equipment and systems and advise logical sequence of plant and equipment commissioning can be performed in accordance with the contract schedule.
- Perform site visits of projects under various stages of construction and document items which do not meet the requirements of the design documents.
- Write complete commissioning plans and functional testing procedures for all types of mechanical systems and maintain updates throughout the project.
- Produce a draft commissioning schedule to incorporate into the master construction table.
- Document discrepancies which may include construction quality, equipment operational limitations, and variations of approved installed devices or systems, and operation and maintenance restrictions.
- Manage and track project deliverables.
- Review control systems software and sequence of operation to meet required sequences of operation.
- Identify and document hypothetical scenarios to achieve optimum operations performance and control responses.
- Monitor project construction progress and advise on planned versus actual percentage completion, to maintain project completion and/or occupation dates.
- Coordinate, supervise, witness and collate all static and dynamic testing, start-up and commissioning activities specified in the contracted documents.
- Coordinate, review, and witness TAB records, BAS point-by-point tests, BAS control loop routines and integrated system functional testing.
- Negotiate, initiate, advice, develop commissioning solutions for projects.
- Develop the system training for building owners to operate and maintain their facilities.

Key Skills & Qualifications

- This position is for a candidate who has 7 – 10 years' of commissioning industry experience, with start-up of construction, MEP and control systems
- Must possess a Bachelor's of Science Degree in Mechanical Engineering
- Necessary to have a P.E. in the State of California
- Must have LEED, BCA CCP, CEM
- Experience with TI Projects and New Building Construction
- Significant experience in the commissioning process, start-up and functional testing is strongly desired
- Sustainable energy and facilities field experience a plus

Limits of Authority

Has authority over the commissioning division and manages the engineers in the commissioning division. Also is responsible for managing the profit/loss report of the division.

Relationship to Others

The Commissioning Principal will report directly to the CEO of AlfaTech. Will work closely with Commissioning Engineers in other disciplines for coordination and with the other project team members.

Travel

Must have reliable transportation. Travel between offices, construction sites, permit offices, and various other agencies will be required. Expectation of air travel less than 20%.

Benefits

AlfaTech Consulting Engineers, Inc. offers a comprehensive and competitive benefits package including medical, dental, vision, 401k, Flex. Spending Plan, 9 holidays per year, vacation, sick and more. AlfaTech believes in the health and wellness of their employees, therefore we offer a health and wellness interactive and engaging program, workout room and showers, legal assistance program, half day off on the last Friday of the month and regular social events, among other benefits. Plus free variety of drinks in the soda case!

TO APPLY for this position, please send your cover letter and resume to jobs@atce.com. Local candidates preferred. Must be able to work for any employer within the United States.

AlfaTech Consulting Engineers is an equal opportunity employer.