

Conner Cartwright

32111 Luetzgen Mill, Phoenix, AZ ♦ Phone: +1 (555) 689 4819

EXPERIENCE

LEAD SITE MECHANICAL ENGINEER

Detroit, MI

11/2015 – present

- Assist the discipline staff on projects in resolving any technical issues, claims, disputes arising and requiring input for satisfactory close out
- Monitor performance of the Contractor / Sub-contractor and identify, raise any quality / workmanship concerns with the SQE / RE
- Prepare process control sheet for Mechanical works in conjunction with SHOM during the Enabling Works / Main Contract Works
- Assume responsibility of Mechanical works in the project and certify progress of works on completion the installation
- Assist the discipline staff on projects in the final inspection for certification and handing over the works
- Carry out the final inspection for certification of final completion and handing over of the works
- Perform Site Surveillance Audits (Technical), prepare surveillance audit reports and forward to SHOM

ALAMITOS SITE MECHANICAL ENGINEER

San Francisco, CA

12/2011 – 10/2015

- Manage the health and safety aspects of work at the site
- Manage and plan the interface with the existing plant for all work being conducted within the boundaries of the existing plant
- Monitor the quality of the construction work, and manage the notification and rectification/punch-listing any deficiencies
- Provide QA witness/audit of Contractors equipment during the Procurement cycle
- Provide oversight, planning, and existing plant interface coordination during the commissioning cycle
- Provide technical review of the Contractor's design submittals under a tight review cycle, including coordinating existing plant input
- Monitor and track progress against the project schedule, and provide daily updates of status

SITE MECHANICAL ENGINEER

Boston, MA

05/2007 – 07/2011

- Review and approval of contractors' quality assurance procedures, and raising NCRs for non-conformant work
- Review and provide comments/recommendations on construction test results and checklists
- Review and provide comments on completion of each construction stage
- Supervision of the contractors' work for compliance with the specifications, and to ensure satisfactory quality
- Review, approval, and verification of contractors' documentation including method statements, test plans, manuals and other submittal
- Support Owner's Engineer in maintaining records and accounts of all commitments incurred and payments made to suppliers and contractors employed by the Owner for the execution of any part of the project
- Monitoring site safety

EDUCATION

UNIVERSITY OF CALIFORNIA, IRVINE

Bachelor's Degree in Mechanical Engineering

SKILLS

- Hands-on experience working with complex fluid or mechanical systems in a professional setting or outside the classroom project team
- Knowledge of process design including PFDs, P&IDs, utility sizing, process layout, equipment specifications, submittals, selection, and drawings
- Experience modeling fluid system prior to construction to increase system reliability
- Working knowledge of pipe, pipe fittings, valves, piping support, insulation, insulation jacketing, and equipment installation
- Experience with fluid systems engineering, assembly, operation or test
- Extensive field work experience in a heavy industrial environment
- General hands-on mechanical experience: automotive, robotics, rocketry etc