



Job Description

Position Title: Mechanical Designer/Drafter

updated: June 21, 2018

Position Summary:

ALZETA Corporation, a leading manufacturer of advanced combustion and gas treatment equipment, has an immediate opening for an experienced mechanical designer/drafter to design parts and systems. A successful candidate will have primary responsibility for project design including communication sketches, production drawings and document control. Must have an understanding of fabrication practices and techniques associated with combustion or HVAC equipment, an ability to communicate well with others and a proven ability to meet deadlines.

Duties and Responsibilities:

- Develop complex 3D CAD Models, consisting of 3D Parts and Assemblies. Work from engineering sketches and mark ups of existing drawings.
- Develop 2D Manufacturing Drawings
- Create P&ID and Electrical Drawings using AutoCAD Software
- Maintain XL index files of various Engineering Data (example: tables for ERM and ECNs).
- Maintain Document Control for all Drawings
- Prepare the ERM and ECN documentation for new release drawings and drawing changes
- Work with Fabrication Shops on drawing issues during the Manufacturing process.
- Maintain our Applications Specifications System

Experience Required:

- 5 years of experience in 3D modeling and in drafting fabrication drawings for manufacturing of mechanical hardware (experience in HVAC, automotive, aerospace industries for example)
- Solid Edge experience preferred, Solid Works experience is acceptable.
- Familiar with document control
- Hardware design experience preferred (basic stress analysis, comfortable with complex geometry)
- Well organized, able to maintain document control of multiple projects in different phases of design.
- Able to work with multiple engineers requiring design/drafting support
- Excellent oral, written, and interpersonal communication skills required

Reports To:

Product Development Manager

Salary Range:

Commensurate with experience and qualifications.

Location:

Santa Clara, California 95054