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Job Description

Position Title: Mechanical Design Engineer

updated: November 18, 2009

Position Summary:

ALZETA Corporation, a leading manufacturer of advanced combustion and gas treatment equipment, is searching for qualified hardware-oriented engineers to design next-generation systems. The successful candidate will be responsible for working within the operations department to provide manufacturing engineering support.

Duties and Responsibilities:

- Work with Engineering, Manufacturing and Product Development to develop new manufacturing methods and designs for new products.
- Design robust, cost effective hardware for commercial/ industrial gas-fired burners
- Work with metal fabricators to minimize manufacturing costs
- Design fixtures for burner manufacturing, including vacuum casting, resistance welding, and material handling
- Prepare basic manufacturing plans, outlining the sequence of operations, and equipment requirements. Coordinate with other responsible personnel to assure that design requirements, specifications and quality control requirements have been adequately covered in the plan.

Degree(s) Required: BS in Mechanical or Industrial Engineering or equivalent.

Experience Required:

- 5+ years experience in design manufacturing position
- Familiar with metal work manufacturing processes: welding, machining, stamping and high volume manufacturing processes
- Mechanical design experience in commercial and light industrial hardware for HVAC and appliance applications
- Experience with Solid Works or Solid Edge a plus
- Excellent oral and written communication skills required

Reports To: Manager of Product Development

Salary Range: Commensurate with experience and qualifications.

Facility Location: Santa Clara, California 95054