

Position Title	Design Engineer
Category	Engineering
Job#	2016006
Company	Fab-Tech, Inc.
Location	Colchester, VT
Date Posted	02/09/16
Type	Full Time

Summary: Working under the direction of the Engineering Manager, this position will play a key role in the development of new products for new and existing markets; developing manufacturing processes and equipment to efficiently produce high quality new products and will also include designing customer specific fume exhaust and delivery systems on an as needed basis. This position will be also expected to work with/for the other CPS Group companies on an as needed basis to balance workloads, which may include travel to Boise, Boston and possible client locations around the country or world.

RESPONSIBILITIES:

Design Engineering:

- Design airflow and fluid handling devices and customer specified devices as required
- Design custom devices and equipment used in the manufacture of Fab-Tech product

Testing:

- Establish test protocol and D.O.E. for new product development
- Perform independent studies, analyses, interpretations and develop conclusions
- Hands on assembly of custom devices as required and assist in the development, training, planning, and implementation of new products / processes
- Demonstrate understanding of key concepts relevant to testing.

System Applications:

- Effectively apply ECO systems, other organizational systems, and Company policies and procedures.
- In consultation with others, determine requirements of process techniques and improvements to our manufacturing system. Communicate these plans clearly to management.
- Anticipate problems before they occur and build rapport with all manufacturing staff.

SKILLS:

- Thorough knowledge of manufacturing processes of sheet metal and machining.
- Demonstrated hands on mechanical ability.
- Must excel in a team environment demonstrating collaboration, strong interpersonal skills, positive attitude, and multi-tasking skills
- Product development history from concept design to production.
- Project planning, proposal support and project management experience.
- Competence in solid modeling and assemblies required.

EDUCATION AND EXPERIENCE:

- BSME or equivalent experience
- Minimum of 5 years of experience in drafting and design
- 3 years with current versions of Solidworks
- Solid grasp of drafting, documentation and associated standards

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