



**Applications Engineer
01/16/2012**

Requisition #306-ENGR-12

Sturman Industries is a unique company located in the mountains with an environment encouraging innovation and excellence—taking concepts to reality. Sturman is a world-leading developer of advanced digital hydraulic technologies with engine, drive-train, machinery and equipment applications.

General Description:

This is an entry level position. The function is to participate in the testing, development and validation of Sturman technologies as they pertain to fuel injection, hydraulic valve actuation, digital valves and advanced development projects. Opportunities for design and analysis work as well as project leadership may also be possible.

The ideal candidate will have 0-2 years experience in mechanical development, an understanding of internal combustion engines and familiarity with hydraulics.

Essential duties and responsibilities will include the following (others may be assigned):

- Develop test plans to document performance of new concepts
- Conduct validation testing for hardware to be shipped to customers
- Work in a team environment
- Coordinate fabrication and inspection activities for prototype parts
- Work with suppliers to procure equipment and receive technical support
- Conduct testing, report results and participate in design reviews
- Provide customer support on site as needed.
- Follow up on returned customer hardware
- Disassembly/assembly of hardware
- Perform/direct test equipment calibration, maintenance and repair

Qualifications:

- Able to perform in “work team” environment with minimal supervision.
- Ability to multitask and adapt to a fast paced, high tech R & D environment.
- Strong computer skills to include Word/Excel/Powerpoint/Outlook.
- Proficiency reading mechanical drawings and understanding of GD&T is helpful
- Understanding internal combustion engines is required.
- Proficiency with hydraulics is a plus.
- Experience with SolidWorks, Matlab and Simulink is also a plus.
- Basic Understanding of feedback and controls system is a plus.
- Must be a self starter motivated by challenges.

Education requirement:

- BSME with 0-2 years demonstrated experience in mechanical systems development.

Interested parties please forward resume to:

Sturman Industries, Human Resources - ATTN: Lorie Davey (ldavey@sturmanindustries.com)