



JOB TITLE: Engineering Technician

DEPARTMENT: Engineering
REPORTS TO: Engineering Manager

EXEMPT: No
STATUS: Full-time

JOB SUMMARY:

The Engineering Technician's primary responsible is the lay out of sample pistons and cylinder heads using precision measuring equipment. In addition, the engineering technician will be responsible for the data entry of piston and cylinder head dimensions into technical database as well as the communication of technical data to the engineering and sales staff. Other responsibilities include, creating basic 2D and 3D designs of contoured profiles, developing work instructions, answering basic sales inquires, and supporting manufacturing with issues during production.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Accurately reverse engineers pistons and cylinder heads using precision tools
- Records technical information in databases
- Communicates technical information to engineering, sales, and manufacturing personnel
- Uses CAD software to generate 2D and 3D piston features
- Responds to manufacturing and sales inquires for engineering support
- Creates notch, laser mark, and other work instructions for the shop personnel
- Interprets engineering prints to translate customer requirements into meaningful design inputs
- Other duties may be assigned.

MINIMUM QUALIFICATIONS: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION: • Certificate, Associates degree or one to two years of equivalent experience in machining, drafting, metrology or related discipline

EXPERIENCE: • Basic experience in 2D and/or 3D CAD software, preferably utilizing AutoCAD or SolidWorks

- Demonstrated competence in the use of precision measurement tools including micrometers, height gauges, dial indicators, and calipers
- Basic understanding of internal combustion engine technology, both hands-on and theory
- Requires ability to communicate technical information accurately to Sales, Engineering, and Manufacturing staff through both written and oral communication



- Ability to read and interpret basic engineering prints

LANGUAGE SKILLS:

- Ability to read, write and follow specific instructions in both written and verbal form.
- Ability to effectively present information and respond to questions from employees and management staff.

REASONING ABILITY:

- Must be able to work within problem solving teams to identify and address quality issues throughout the entire organization

OTHER SKILLS and ABILITIES:

- Excellent interpersonal skills.
- Must be a motorsports enthusiast with a strong passion for performance and commitment to continual improvement
- Ability to effectively work through collaborate efforts.
- Proficient in the use of MS office tools such as Outlook, Excel and Word.
- Familiarity with lean principles, GD&T, and/or ISO9001:2008 is a plus

PHYSICAL DEMANDS: The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- While performing the duties of this job, the employee is regularly required to stand, walk and talk or hear.
- The employee frequently is required to use hands to handle objects such as product, tools, measuring instruments, computer keyboard, calculator, job order and writing instruments.
- Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

WORK ENVIRONMENT: The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- The noise level in the work environment is usually moderate.
- Office environment (controlled climate).

TO APPLY:

Please send resumes to JOBS@jepistons.com OR apply in person at the address below:

**Attn: Human Resources
15312 Connector Lane Huntington Beach, CA. 92649**