



Position Title: Engineering Technician
Job Number: SET000017
Location: Boxborough, MA

BACKGROUND:

Setra is a division of Danaher Corporation (NYSE: DHR). Danaher Corporation is a Fortune 500 (ranks 239), U.S.-based manufacturer with generated revenue exceeding \$12 Billion and a worldwide workforce of approximately 40,000 employees. Danaher has been recently ranked one among top 50 companies which will continue to deliver a strong performance across the Globe in a Morgan Stanley study. With leading businesses in Professional Instrumentation, Industrial Technologies, and Tools & Components, Danaher makes long-term investments in established and internationally active industrial enterprises. Danaher Corporation designs, manufactures and markets products and services with strong brand names, proprietary technologies and major market positions that improve the way we live and work. Building on the foundation provided by Danaher Business System and the company's core values, Danaher's associates are pursuing a focused strategy aimed at creating a Premier Global Enterprise

Setra manufactures, distributes and sells Pressure Transducers and Balances to the HVAC, Industrial, and Semiconductor Markets on a global basis through a variety of channels to market. The manufacturing processes at Setra are primarily electronic and mechanical assembly, test, and calibration processes. Setra is a global business with applications and sales of our products in over 50 countries worldwide and nearly 25% of all sales are outside of North America.

We provide competitive compensation and benefits including medical, dental, vision, life insurance, 401k with match, and more!

Position Summary:

The Engineering Technician's primary focus is to support all aspects of the Engineering and R&D efforts in sustaining existing products and developing new products for release to manufacturing. The candidate is expected to interface with Engineer(s), Manufacturing Engineer(s), Engineering Technicians, as well as Manufacturing associates.

Examples of typical activity include: conducting controlled testing, prototype fabrication, conducting/coordinating pilot build activity, procuring materials, and aiding in design/process documentation. Other responsibilities might include aiding in processing ECOs and CPWs.

The Engineering Technician is expected to have strong Mechanical skills as well as rudimentary Electronics skills. Examples include: knowledge of basic machine tool operations, building jigs and test fixtures, assembling prototypes, troubleshooting skills, soldering skills, PCB assembly/rework skills, the ability to generate sketches that can be turned into released documents, and running controlled tests. In conducting controlled tests, Engineering Technician is expected to properly record data, take careful notes, make observations, clearly summarize results and draw conclusions. Must have experience in setting up tests, data acquisition and environmental chamber and expertise in using all related equipment (DMM, data acquisition systems, environmental chambers, power supplies, oscilloscopes and other engineering lab equipment).

This position requires the ability to work from verbal direction, draft procedures or simple sketches. Other required attributes include: having strong mechanical aptitude, having the ability to understand detailed mechanical drawings, electrical schematics and process procedures, and being resourceful in finding information when its not readily available. An understanding of the scientific process is desired. Further desired abilities include: having experience in refining/improving manufacturing processes, and aiding in design evaluation.

Having some formal training or education in technology related field would also be desirable.

Key Responsibilities:

- Assignments include work related to product development or supporting existing products and processes.
- Conducting root-cause analyses, prototype fabrication, conducting/coordinating pilot build activity, procuring

materials, and generating design/process documentation.

- Strong troubleshooting skills on electromechanical systems. Capable of writing technical reports with independently drawn conclusions. Capable of writing technical specifications.
- Can independently process ECOs, CPWs, and/or Tollgate process action items.
- Capable of Designing product related components, test fixtures, tooling, or test circuits. Capable of writing detailed procedures. May be capable of writing software with little or no direction.
- Duties include optimizing designs and manufacturing processes, and conducting new product design verification and product validation.
- Keeping current on developments in the field while technically contributing to building product knowledge.

Education, Experience, Knowledge, skills, and abilities:

- Associates Degree or higher in a related field or a minimum of 7 years experience in the field at a technician level.
- Strong mechanical skills and/or strong Electronics skills are required. Software skills may also be required. Examples include: knowledge of basic machine tool operations, designing mechanical components, assembling and testing prototypes, troubleshooting electromechanical systems, soldering skills, PCB assembly skills. Can generate detailed drawings of parts and assemblies that can be turned into released documents. Can independently conduct design verification and/or product validation with little to no direction or supervision.
- In conducting controlled tests, technicians are expected to properly record data, take careful notes, make observations, and write reports with clearly described test process, summarized results and drawn conclusions.
- Desired skills include: Mechanical Design, CAD, Electronics design, Software development, technical writing.
- Receives general instructions and guidelines and can independently generate detailed action plans to perform the functions of the job.
- MS Office – with specific emphasis on MS Word and Excel
- Excellent communication skills both verbal and in writing
- Team player that is positively motivated, a self starter that can work independently, with little supervision and completes assignments on time and to expectations
- Must be a US Citizen

Supervisory responsibilities: None

Travel Requirements: None

Note: Years experience shown above is only one factor in determining associates level at Setra. Levels are based on education, experience, skill level, ability to do work using discretion and judgement and required level of supervision. An Associate's level is determined by direct manager and Director of the department.

The above description reflects the general details considered necessary to describe the principle functions of the job identified. It should not be construed as a detailed job description of all the work requirements that may be inherent of the job.

Interested applicants should apply at: <http://www.danaher.com/careers/current.asp>

Setra is an equal opportunity employer. We do not discriminate against any applicant or employee on the basis of race, sex, religion, age, national origin, color, disability, or veteran status. We are committed to providing a workplace free of any discrimination or harassment.