



Engineering Technician – Test and Balance

COMPANY DESCRIPTION

Since its inception in 1958, NorthWest Engineering Service has been a leading provider of mechanical systems Testing, Adjusting, and Balancing services, and was an early authority in developing Commissioning Engineering as an entity in its own right in the 1990s. We have an excellent reputation for the quality of our work and our professional assessments. We apply our expertise to healthcare, education, high-tech manufacturing, aviation, commercial, industrial, and research facilities, and continue to be at the forefront of technologies used in these markets.

NWESI is an employee-owned company with a staff of approximately 50. We are based in Portland with satellite offices to support services in Oregon, Washington, and Idaho. We offer comprehensive benefits including medical, dental, vision, disability, life insurance, FSA, professional development, and paid holidays. We are one of the few companies that continues to offer both vacation and sick leave that can be carried over year-to-year—up to certain limits—at which time employees are paid a bonus for unused, accrued hours. We have a defined ESOP program in addition to a 401k plan, offering a variety of options to save towards retirement.

As an employee-owned company, team members receive an annual bonus based on company performance and how well the individuals excel in their roles. As a small company, we have more freedom to allow individuals to adjust their work hours and locations to balance customer commitments, professional development, and their personal and family lives. We also have programs to encourage health and wellness and volunteering in the community.

As an employee-owner, you will be both encouraged and expected to continually improve your work environment and the company culture, and help build and achieve the company's vision for the future. This may include developing new markets and customers, as well as ensuring our many existing and returning clients continue to view us as one of their most trusted problem-solvers.

POSITION DESCRIPTION

Testing, adjusting, and balancing (TAB) of environmental and HVAC systems involves work performed on air and hydronic distribution systems, and equipment connected thereto. Tasks involve inspecting, testing, and adjusting controls on regulating devices, terminal units, supply outlets, return and exhaust inlets, fan coils, heating units, thermostats, strainers and filters, balancing valves, etc. Data must be accurately recorded and professional reports submitted to the customer. Instruments used for this purpose include devices for measuring airflow, water flow, rotation, temperature, and electricity.

This is a physically demanding position subject, in varying degrees, to any of the following work environments and constraints. All work must be performed with the utmost attention to safety for self and others.

- Working indoors and outdoors in new construction sites and existing facilities.
- Working under raised floors, on equipment racks 10-20 feet above the floors (using fall arrest equipment), in ISO Class 4 clean rooms, on 6-14 ft step ladders, and in mechanical chases.
- Working around operating equipment and systems.
- Working with contractors, owners, and system operators.



- Project site locations are primarily the Portland region, but sometimes may include surrounding states, as well. Technicians will travel to project sites driving Company and/or their personal vehicles. They must carry a valid Motor Vehicle License at all times.
- Some positions are long-term site-based projects in one location, serving the high-tech semiconductor industry.

QUALIFICATIONS

- Ability to understand mechanical drawings , work with electronic test equipment, input data into Excel /Access data bases, and work safely in a confined area as part of a team.
- The acquisition and integrity of measured data cannot be compromised.
- Attitude and aptitude to work and blend with an existing team.
- Our most successful candidates have hands-on mechanical aptitude, proven math skills, and college credit in engineering/technology.
 - However, high school graduates with experience with hand tools, insistence on doing high quality work, and a desire to learn a skill that is best learned "in the field" have also been some of our best employees.

*An ability to pass an initial and ongoing background checks and random drug testing is a requirement of this position.
To apply, please submit your resume to HRAdmin@nwesi.com with the position description in the subject line.*