



Engineering Technician – Test and Balance

COMPANY DESCRIPTION

Since its inception in 1958, NorthWest Engineering Service has been a leading provider of mechanical systems test and balance services. We have an excellent reputation for the quality of our work and our professional assessments. We are an employee-owned company of approximately 50, based in Portland but with satellite offices to support Oregon, Washington, and Idaho.

From its beginning, NWESI has been a leading authority in performance and energy services related to Heating, Ventilation, and Air Conditioning (HVAC) for decades. We apply our expertise to healthcare, education, high-tech manufacturing, aviation, commercial, industrial, and research facilities.

POSITION DESCRIPTION & TASKS

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 & REQUIREMENTS

- 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 learn more, visit our website at www.nwesi.com