

Nutherm International, Inc., a privately held engineering and manufacturing firm serving the Nuclear Power Industry, has a permanent, exempt (salary) position available for a degreed Lab Technician.

Company History

Nutherm International, Inc. established in 1979, provides 1E products to the nuclear power industry. Nutherm's 1E products have evolved to include electrical power distribution equipment, control and instrumentation panels, instruments and instrumentation systems and over 8000 qualified parts and assemblies. While Nutherm remains committed to the nuclear power industry, we have expanded our markets to include heavily-engineered, custom-built, electrical panels, instrument panels, and distribution equipment for non-safety related applications.

Nutherm nuclear projects involving qualification and dedication are accomplished in accordance with IEEE seismic, environmental and equipment specific standards, as well as EPRI and NRC guidelines. Nutherm uses a combination of test, analysis, audit, and inspection to meet the requirements of each nuclear 1E project.

Nutherm excels at fulfilling special distribution, control, and instrumentation panel requirements. High withstand ratings, large interrupting ratings, special gutter accommodations, and unusual space limitations make Nutherm the manufacturer of choice for such panels. Our commitment to quality and service is also why we have successfully completed over 4,000 projects for power plants in the United States and the world. Completed projects range from supplying a few parts to doing multi-million-dollar Class 1E motor control center and switch-gear projects.

Primary Responsibilities

- Conducts variety of electrical, mechanical and pneumatic test on many different types of equipment.
- Verify the equipment functions according to specifications or determine the cause of failure.
- Read test procedures, test specifications, work orders, wiring diagrams and schematics to determine the correct way to set up the test to achieve the engineering specifications.
- Perform basic to complex test setups to be able to test the equipment to the engineering specifications.
- Ability to use multi-amps, resistive load banks, inductive loading, various power supplies to perform testing as specified.
- Ability to use many different types of measuring devices DMM's, Digital and Analog Gauges, multi-amps, Oscilloscopes, etc.
- Work with the other departments to keep the projects moving forward, help with procedures, troubleshooting, etc.
- Perform testing of systems, subassemblies, and equipment under specified environmental conditions such as temperature change, loading, cycling, pressure, vibration and humidity.
- Verifies the measuring equipment (M&TE) used for collecting test data is within the tolerances specified.
- Generation and documentation of test data in accordance with the Nutherm Quality Assurance Program.

- Perform basic to advanced electrical wiring for production items.
- Perform basic fabrication to support equipment modification and building test fixtures.
- Travel 1-2 times per year in support of off-site testing activities.

Job Requirements

- 2 or 4-year degree in related field.
- Strong math skills.
- Fabrication skills – welding, sheet metal, finishing.
- Wiring skills – following schematic/diagram, wire training, wire marking.
- Ability to support overtime and shift work when required.
- Knowledge of analog industrial electrical systems and components.
- Proficiency in Microsoft Windows, Office (Word, Excel) and Internet technology (email, web applications, etc.)
- Detail oriented and able to multitask.
- Self-directed and able to prioritize work load.
- Excellent verbal, grammar, and written communication skills, especially technical writing skills.

Desired Skills

- Prior experience in the nuclear industry
- FTIR, EMC, seismic or radiation testing experience
- Navy, DOE or DOD nuclear experience

Benefits

Medical, vision and dental insurance, long and short-term disability insurance, life insurance, 401K/Roth 401K, flexible spending account (FSA), paid time off, paid holidays, flex-time, tuition reimbursement, bonuses, EEO

How to Apply

Email BOTH a cover letter and resume to resumes@nutherm.com. The cover letter should address your previous experience with examples of how it might apply to this position. Failure to provide the cover letter will likely cause your application to be disqualified.