Laboratory Equipment Maintenance Position

Job ID 344456
Location: Minneapolis
Full-Time

About the Job

The Minnesota Nano Center is looking for a skilled technician to join its equipment maintenance staff. The successful candidate will join a five person maintenance team charged with keeping the Center’s cleanroom and laboratory equipment in working order. Major duties are to install, maintain, and repair semiconductor processing equipment, such as thin film deposition systems, thin film etching systems, chemical vapor deposition systems, photolithography equipment, etc. The successful candidate will have knowledge/experience with vacuum technology, equipment schematics, troubleshooting mechanical systems, and working with hand tools and test instruments. Work can involve lifting 50lbs, requires physical dexterity, and is often done in a cleanroom environment.

Job Duties
70% Maintain assigned equipment in good operating order, including routine and emergency maintenance, ordering/stocking parts, establishing a maintenance plan and procedures, routine equipment characterization, and installation and removal of equipment as necessary
20% Crosstraining on other equipment as assigned.
5% Training of new researchers on safe operation of equipment using established SOPs
5% Cleanroom facilities support as needed

Qualifications

Required Qualifications:
Six years relevant experience in instrument/equipment support and repair.

About the Department

The Minnesota Nano Center's mission is to support the fabrication, synthesis, and characterization of nanoscale devices and materials for both academic and industrial users. We do this by maintaining a state-of-the-art cleanroom facility, a full tool set for microfabrication, and core labs for research into nanomaterials and biological applications of nanoscience. We provide hands-on training in nanotechnology processes to all qualified users. For more information see https://cse.umn.edu/mnc/about-mnc
How To Apply

Applications must be submitted online. To learn more about the position and to apply, please go to the University’s job page, humanresources.umn.edu/content/find-job. Select the link for External Candidates, then type the job #, 344456, into the search bar. Click on the job title to go to the information page. To apply, click the Apply button and follow the instructions. You will have the opportunity to complete an online application for the position and attach a cover letter and resume. To request an accommodation during the application process, please e-mail employ@umn.edu or call (612) 624-UOHR (8647).