

JOB OPENING: MEMS PRODUCTION ENGINEER

Norcada is currently seeking candidates for a full-time “MEMS Production Engineer” position within its MEMS operations group to support ongoing production and product development projects.

General Description of Position:

A key engineering function within our operation team, this position will be tasked to (1) Ensure efficient and timely completion of production runs. (2) Troubleshoot process and product quality issues, and take corrective actions as necessary; (3) Understand equipment capabilities and utilize baseline process performance indicators to control key processes; (4) Work closely with other team members on technical issues and problem resolution. This position will spend most of their working hours inside the cleanroom fabrication facility.

Detailed responsibilities including but not limited to:

- Support fabrication team for production of standard products and custom devices
- Operate various processing equipment when necessary to support production
- Evaluate and optimize processes using Design of Experiment
- Create, edit and maintain processing documentation
- Work closely with Product Engineers and Process Techs to maintain and improve yield, efficiency, quality control, and safety of our MEMS fabrication processes

Qualification:

- A B.Sc. or B.Eng. degree in Physics, Chemistry, Engineering, or Materials Science
- Hands-on experience in MEMS or Semiconductor processing, prototyping, and production
- Experience with various wafer-processing equipment (litho, plasma etch, wet etch, thin film deposition, etc.)
- Experience with metrology tools used for fabrication processing, including SEM, ZYGO, AFM, VASE, and other characterization tools
- A team player with great communication and interpersonal skills

To apply, please submit your resume to: Email: admin@norcada.com | Fax: 780-431-9638

About Norcada:

Norcada is an Edmonton-based company that develops and commercializes MEMS devices for industrial and scientific applications, and specialty semiconductor infrared lasers for gas sensing. For further information, please visit our website www.norcada.com.