

POSITION: CLEANROOM PROCESS TECHNICIAN

September 2022

Applied Nanotools Inc. (ANT) is a leading nanofabrication and sensors company specializing in X-ray Optics and Silicon Photonics. Based in Edmonton, Alberta, the company offers several unique and leading edge products that include Fresnel zone plates and calibration standards for X-ray microscopy, and the **NanoSOI** photonics process for fabrication and prototyping of photonic integrated circuits.

Summary of Position:

ANT is seeking candidates for a cleanroom process technician position to meet our growing business in X-ray Optics and Silicon Photonics. Work will be performed at the company's headquarters located on the campus of the University of Alberta (NRC-NINT Building) and the multi-user nanoFAB facility at the University of Alberta. The work will encompass all cleanroom processes including:

- DUV photolithography
- Physical vapor deposition (sputtering, electron evaporation, plasma-enhanced and low-pressure chemical vapour deposition)
- Inductively-coupled and reactive ion etching
- Wet chemical etching
- Electroplating
- Inspection and characterization (profilometry, scanning electron microscopy)

Interested applicant may forward a cover letter and CV to: careers@appliednt.com

Closing date: September 30, 2022

