CNC Machinist (Milling & Turning) – Night Shift

Job ID
40629

Source Machine/Ryan Swenson

VIEW THIS JOB ONLINE: https://www.firstnationsjob.com/jobs/40629

LOCATION	DATE POSTED	EXPIRY DATE
8770 51 Avenue Northwest, Edmonton, AB| Alberta	21-07-2026	17-01-2027

TYPE OF JOB	SALARY	MIN. EXPERIENCE	MIN. EDUCATION
Full Time	CAD $36-42/hour	1 year to less than 2 years	Other trades certificate or diploma

Job Details

Pay: CA$36.00-CA$42.00 per hour

Job description:

CNC Machinist (Milling & Turning) – Night Shift

Location:

Edmonton, Alberta T6E 5E8

Position: CNC Machinist (Milling & Turning)

NOC: 72100 – Machinists and Machining and Tooling Inspectors

Employment Type: Permanent, Full-Time

Vacancies: 2–4 Positions

Hours: Monday to Thursday, 3:20pm-1:50am. 40 hours per week, with overtime as required

Wage: $36.00–$42.00 per hour (based on qualifications, experience, and demonstrated skill)

Language of Work: English

Work Setting: Precision CNC Manufacturing Facility

About Source Machine

Source Machine is a growing precision machining company serving the oil & gas, energy, mining, industrial, and manufacturing sectors throughout North America. We operate a modern fleet of CNC equipment and are committed to quality, continuous improvement, employee development, and long-term customer partnerships.

Due to continued business growth and increasing customer demand, we are seeking skilled CNC Machinists to join our milling and turning departments.

We are seeking experienced CNC Machinists with a minimum of three (3) years of experience independently setting up, operating, and troubleshooting multi-axis Mazak CNC machining centres. Successful candidates will have a solid understanding of Mazatrol and/or Mazak EIA (G-code) programming, be capable of making program edits and process improvements, and consistently produce high-quality precision components with minimal supervision.

Job Description

Key Responsibilities

• Independently set up, program, operate, and troubleshoot CNC lathes and/or CNC milling machines.

• Read and interpret engineering drawings, blueprints, work orders, and manufacturing documentation.

• Create, edit, optimize, and troubleshoot CNC programs as required.

• Select tooling, workholding, fixtures, and cutting parameters appropriate for each job.
• Perform first-off, in-process, and final inspections using precision measuring equipment.
• Verify dimensions and maintain machining tolerances in accordance with customer specifications.
• Monitor machining processes and troubleshoot production or tooling issues.
• Complete production records, inspection documentation, and quality paperwork.
• Perform routine machine maintenance and maintain an organized and safe work area.
• Follow all company safety policies, quality procedures, and manufacturing standards.
• Assist in training and mentoring junior machinists and support continuous improvement initiatives.
• Work collaboratively with supervisors, programmers, quality personnel, and production teams to improve productivity, quality, and on-time delivery.

Required Qualifications

• Minimum three (3) years of recent experience independently setting up and operating CNC milling and/or turning centres in a production manufacturing environment.
• Minimum three (3) years of experience setting up and operating multi-axis Mazak CNC machining centres using Mazatrol and/or Mazak EIA (G-code) controls.
• Working knowledge of CNC programming, including the ability to read, understand, modify, and troubleshoot existing Mazatrol and G-code programs, make tool offsets, adjust cutting parameters, and optimize machining cycles.
• Ability to independently perform complete machine setups, select tooling and workholding, establish work offsets, prove out new jobs, and produce precision machined components with minimal supervision.
• Ability to read and interpret engineering drawings, blueprints, GD&T, and manufacturing documentation.
• Strong knowledge of machining practices, cutting tools, feeds and speeds, workholding, fixture design, and machining processes.
• Experience using precision measuring instruments including:
• Micrometers
• Calipers
• Bore Gauges
• Dial Indicators
• Thread Gauges
• Strong understanding of machining tolerances, quality standards, and first-off/in-process inspection requirements.
• Strong troubleshooting, problem-solving, and process improvement skills.
• Ability to work independently and collaboratively in a team environment