

For over 60 years Frederick's Manufacturing LLC has brought their expertise and a trusted reputation for delivering reliable, high-quality equipment to customers across North America. From their Louisiana based operations, Frederick's Manufacturing LLC specializes in CNC and conventional machining, subsea fabrication, and wireline tooling, and manufactures critical components such as packer parts, downhole tools, hydraulic cylinders, subsea structures, pipe clamps, HDD Tools, mats, and custom-fabricated assemblies, supporting clients across the oil and gas, marine, industrial, petrochemical, agricultural, and wireline sectors.

Now as part of the CCI Group of Companies, Frederick's Manufacturing LLC is expanding their reach and capabilities in exciting new directions to the oil and gas, construction, infrastructure, and more industries, while also benefiting from CCI's multidisciplinary engineering, construction, and technology expertise. Together with CCI, Fredericks is positioned for long-term growth, innovation, and continued excellence.

Position Summary

The CNC Subsea Machinist is responsible for the precision machining of critical subsea components used in offshore and subsea applications. This role requires advanced machining expertise, strict adherence to quality and safety standards, and the ability to work with complex materials and tight tolerances. The CNC Subsea Machinist plays a key role in ensuring components meet stringent industry, customer, and regulatory requirements.

Key Responsibilities

- Set up, operate, and monitor CNC machinery (mills, lathes, and/or multi-axis machines) used in the manufacture of subsea components
- Machine complex, high-precision parts in accordance with engineering drawings, specifications, and quality plans
- Interpret complex blueprints, GD&T, work instructions, and inspection requirements
- Select tooling, establish feeds and speeds, and optimize machining processes for subsea materials (e.g., stainless steel, duplex, super duplex, Inconel, titanium)
- Load, verify, and adjust CNC programs; perform authorized edits as required
- Conduct first-article, in-process, and final inspections using advanced precision measuring and inspection equipment
- Identify, troubleshoot, and resolve machining and process issues to prevent non-conforming product
- Maintain traceability documentation, inspection records, and production data as required for subsea and customer standards
- Ensure all work complies with company quality management systems and subsea industry requirements
- Maintain a clean, organized, and safe work area in compliance with occupational health and safety standards
- Collaborate with engineering, quality, and production teams to support continuous improvement initiatives

- Adhere to strict safety, environmental, and quality requirements inherent in subsea manufacturing

Qualifications & Experience

Required:

- High school diploma or equivalent
- Completion of a machinist apprenticeship or equivalent experience
- Several years of experience as a CNC Machinist, ideally in oil & gas, energy, or heavy industrial manufacturing
- Strong ability to interpret complex engineering drawings and GD&T
- Proven experience machining tight-tolerance, safety-critical components
- Proficient use of precision measuring equipment
- Strong attention to detail and quality

Preferred:

- Journeyman or Red Seal Machinist certification (Canada) or equivalent
- Experience with subsea or pressure-containing components
- Experience with advanced CNC equipment (multi-axis, live tooling, sub-spindles)
- Familiarity with industry quality standards such as ISO, API, or customer-specific subsea requirements
- Experience machining corrosion-resistant and exotic alloys

Key Competencies

- Advanced machining and technical expertise
- High level of accuracy and attention to detail
- Strong problem-solving and troubleshooting skills
- Commitment to safety and quality
- Ability to work independently and as part of a team
- Effective communication and documentation skills

Physical & Work Environment Requirements

- Ability to stand, walk, and perform repetitive tasks for extended periods
- Ability to lift up to 50 lbs with or without reasonable accommodation
- Manual dexterity and strong hand-eye coordination
- Work performed in an industrial manufacturing environment with exposure to noise, heavy machinery, metal chips, oils, and coolants



Proudly Part of the CCI Group of Companies

Health, Safety & Quality

The CNC Subsea Machinist is required to comply with all occupational health and safety requirements, quality management systems, and safe work practices, recognizing the safety-critical nature of subsea products.

Benefits

- Frederick's Manufacturing LLC has an industry competitive, extended health and benefits plan & pays 100% of Medical and Dental premiums for employees.
- Long-term Disability
- Opportunities to advance your career within CCI's Group of Companies.
- Paid holidays
- Vacation accrual
- Sick time
- 401(k) Matching

If you are excited by the opportunity to take on this challenging and rewarding role, please submit your cover letter and resume (in PDF format) via email to hr@ccisolutions.ca.