



Manufacturing Services

Providing custom solutions to your most pressing challenges

QUALITY PRODUCTS

Manufacturing Capabilities

Engineered Solutions

- 3D and 2D modeling and drafting services; including P and ID drawings
- Design / engineer of mechanical systems and pressure containing components to relevant codes
- CRN Submissions
- All applicable code books for design acceptance to ASME, API, CSA, NB, MSS, NACE ect.
- Sizing of flow line equipment with use of fluid dynamics
- Complete electrical and mechanical testing and assembly lab for critical components
- Capability of handling complete projects from conceptual design to prototyping and full production runs.
- Supplying machined goods for antiquated valves and pressure equipment
- Specialty and custom fabrication
- Manufacturing from the ground up
- Services such as PWHT, NDE, Powder Coating, other protective coatings are outsourced

Machining

- Machining of materials including but not limited to carbon steel, stainless alloys, Teflon, nylon, and adaprene
- Ability to tool and fixture for custom manufacturing
- (2) CNC lathes 15" chucks
- (1) Horizontal boring mill 63" capacity
- (2) CNC lathes 15" chucks (1) Horizontal boring mill 63" capa (4) CNC mills max 49" capacity (4) Manual lathes up to 26" swing
- (1) Vertical boring lathe 44" capacity (2) Manual mills 20" x 36" capacity

Fabrication & Welding

- B Pressure Welding
- Stainless and Carbon steel approved weld procedures from small bore(1/2" pipe) to max (8" thick)
- Automated wear resistant weld overlays including stellite







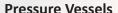
PROVIDING SOLUTIONS

Certifications

Repair/Alter and New Construction of:

Pressure Piping

- Mechanically assembled instrument tubing to ASME B31.1 and ASME B31.3
- Threaded pipe and welded pipe to ASME B31.1 and ASME B31.3 including BEP (Boiler External Piping)



Vessels in accordance with ASME Section VIII Div.1

Pressure Fittings

- Category A Fittings, pipe fittings including; couplings, tees, elbows, wyes, plugs, pipe caps, and reducers
- Category B Fittings, all flanges including; flange face re-facing, drilling/tapping, radial drilling/tapping, weld build up for reconditioning, custom cross over flange manufacturing
- Category C Fittings, all line valves including; reconditioning, manufacturing, repair/alteration, adding drain
 ports, adding by pass lines, weld build up for reconditioning, seat restoration, thread restoration, flange face
 restoration, body joint restoration
- Category D Fittings, expansion joints
- Category F Fittings, measurement devices including; reconditioning, manufacturing, repair/alteration, weld build
 up for reconditioning, calibration/certification of; pressure gauges, level gauges, sight glasses, transmitters including;
 temperature, level and pressure
- Category H Fittings, pressure retaining components that don't fall under fittings A-G, including; miniature vessels, scrubbers, level chamber, varsol pots, methanol pots, custom test stumps

Facilities

- Approved facilities that
 - can recondition/repair/alter all of the above to jurisdictional and code requirements.
 - can manufacturer all of the above with a valid CRN in the jurisdiction required.
 - all work is in accordance with all required product design code requirements
 - has valid AQP with the governing body ABSA
 - has API Q1 and ISO 9001 certification
 - has API 6D monogram license







Divisions

Head Office

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Provost

Box 187, 5020 - 50th Ave Provost, AB TOB 3SO 1-780-753-2136

Nisku

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Grande Prairie

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Cambridge

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