



# 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 |
| (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



# QUALITY SERVICES

# 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)

#### **Pressure Vessels**

- 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



# QUALITY PEOPLE



## Divisions

### Head Office

277 Burnt Park Drive  
Red Deer County, AB  
T4S 0K7  
1-866-660-KING

### Grande Prairie

713004 - Range Road 64  
Grande Prairie, AB  
T8V 5E5  
1-780-538-2626

### Drayton Valley

3205 -63rd Street  
Drayton Valley, AB  
T7A 1R8  
1-780-515-9100

### Provost

Box 187, 5020 - 50th Ave  
Provost, AB  
TOB 3S0  
1-780-753-2136

### Dawson Creek

612 - 103 Ave  
Dawson Creek, AB  
V1G 2E8  
1-250-782-9713

### Cambridge

#22, 225 Sheldon Drive  
Cambridge, ON  
N1T 1A1  
1-519-455-1350

### Nisku

1106 4 Street  
Nisku, Alberta  
T9E 8J2  
1-780) 979-0390

