



# **MANUFACTURING SERVICES**

**Custom Solutions *for 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

### 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



# QUALITY PEOPLE

## 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



# PROVIDING SOLUTIONS



## 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

### Sarnia

1018 Prescott Dr Unit #2  
Sarnia, ON  
N7T 7H3  
1-519-455-1350

### Nisku

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

