The CPI Western Canada Service Centers are Geared Up for All Compressor Requirements

CPI Edmonton Service Center
6308 Davies Road, Edmonton, Alberta T6E 4M9
Phone +1 780 468 5145
EdmontonService@CPIcompression.com

CPI Medicine Hat Service Center
1954-10 Ave, Medicine Hat, Alberta T1C 1T5
Phone +1 403 529 5111
MedHatService@CPIcompression.com
## CPI Western Canada Service Centers Capabilities

### Compressor Cylinder Reconditioning
- Liners and sleeves
- Thermal spray
- Honing
- Re-sleeving

### Compressor Piston & Rings
- Manufacture
  - Aluminum, cast iron, steel
  - Anodizing
  - Modifications to ring/rider design
- Piston Rings
  - PTFE
  - Thermoplastic
  - PEEK
- Rider ring / bands
- Packing case manufacture

### Compressor Piston Rods
- Five-Alloy™ premium rod finish
- Manufacture
- Reconditioning
  - Polishing
  - Tungsten carbide thermal spray
- Exchange rods for most compressors
- Thread rolling

### Compressor Rod Packing
- Supply packing CPI (France)
  - Wide selection of materials
  - Access to design engineering
- Packing case overhaul
- Packing case manufacture

### Compressor Valves
- Reconditioning of all makes
- Retailoring and manufacturing of all makes and models
- CPI Hi-Flo™ Valves
  - Hi-Flo™ RS (Replaceable Seat)
  - Hi-Flo™ VP (V profile)
  - Hi-Flo™ DP (D profile)
- Replacement parts

### CPI Premium Parts
- EMISSIONGUARD™ TR² Packing Ring
- Proflo® EOS and Proflo® Jr.

### Crossheads & Connecting Rods
- Rebuild / polishing
- Reconditioning / re-bushing
- Thermal spray
- Aluminum babbitt
- Connecting rod large end clip and bore
- Connecting rod small end spray and machine
- Crosshead pin bore sleeve

### Engine Block Machining
- General machining
- Decking for combustion face
- Thread repair and inserts
- Liner fit repair
- Field liner fit machining and installation of SS sleeves

### Engineering Services
- Valve dynamic calculations
- Compressor capacity curves
- Valve performance optimization
- Finite element analysis of all manufacture components
- Field service / PM

### Large to Small Boring Capabilities

### Lubrication Component Testing and Repair
- Divider block flow test and re-sealing
- Lubricator pump bypass testing
- General lubricator box reconditioning

### Lubrication Field Service
- Compressor lubrication products
- Complete system design and installation
- Field service / PM

### Plant Equipment Repair
- Pumps, fans, shafts, gear boxes
- Flange facing vessels and bottles
- Seal fits
- Flame spray
- Base plate machining

### Spray Testing
- Standard testing for adhesion or cohesion strength of thermal spray coatings

### Well Service Fluid Ends
- Plungers manufacture & reconditioning
- Plasma & flame spray
- Fluid end recondition

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CPI, part of the Howden Group, delivers high performance compressor parts, a strong commitment to on-time service, exceptional quality control and the highest safety standards. Our experienced team of millwrights, journeyman machinists and engineers help customers make their compressors efficient, reliable, and environmentally safe.

www. CPIcompression.com