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

CPI Edmonton Service Center
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CPI Medicine Hat Service Center
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CPI Western Canada Service Centers Capabilities

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

Compressor Piston & Rings
- Five-Alloy™ premium rod finish
- 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 Piston 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

CPI Western Canada 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.

CPI Western Canada Service Centers Capabilities

CPI
an EnPro Industries company

Proven Solutions for the Global Compression Industry™

www.CPIcompression.com