

## ENGINE REBUILD SHOP

---

Arkos' rebuild programs will meet your engine's needs, whether it's before or after failure. Our qualified rebuild program incorporates the very latest technology from the original manufactures, we can also provide our customers with addition aftermarket options that can help reduce future engine operations cost. Rebuilt engines are built to the original manufacturer's standards with qualified components along with extensive documentation throughout the engine rebuilding process. Engines come fully assembled and ready to install, minimizing downtime and cost and are backed by solid warranty protection.

## ENGINE REBUILDING PROCESS

---

- Pressure Wash Unit in Wash Bay
- Tear down and Inspection
- Alkaline Vat Engine Block and Components
- Qualify Parts and Components
- Machine Engine Block and Components if needed to meet OEM Specification
- Component rebuilding
- Reassemble Engine to OEM Specification
- Test Run and Conduct final Inspection
- Clean and Repaint Engine

A complete machine shop supports the engine rebuild operation, enabling enhanced turnaround times. Arkos has established a regimented process for rebuilding engines in the Oil and Gas industry.

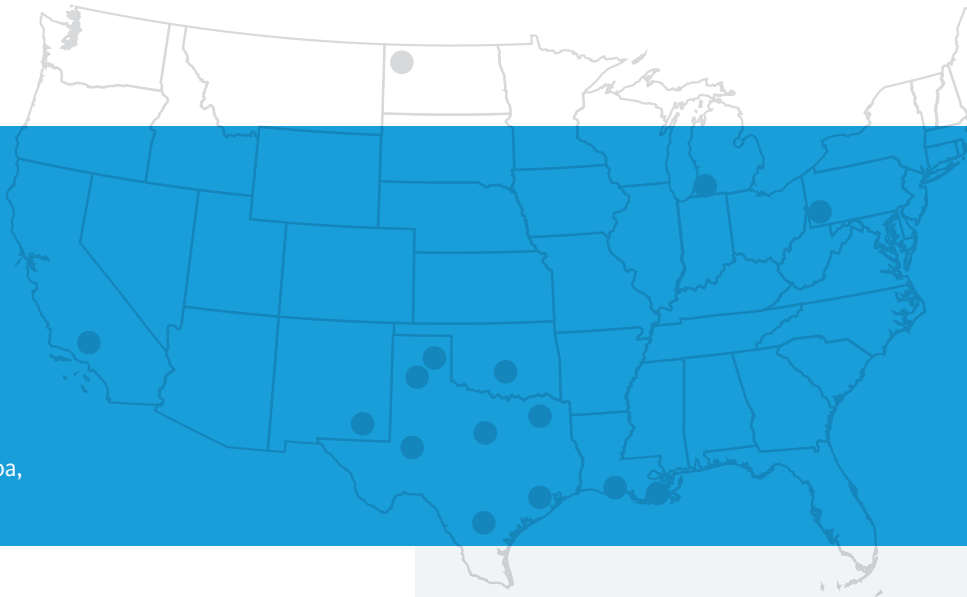
## COMPRESSOR PACKAGE MAKE READY SERVICES

---

Our facilities throughout Louisiana, Oklahoma, Pennsylvania and Texas are staffed and well equipped to prepare your compressor packages to return to service in order to earn revenue. Our experienced professional staff is available to overhaul, retrofit, and provide swing engines to meet your contractual needs for your next customers' location. We can also provide field service technicians to make sure you meet your runtime guarantee.

## MACHINE SHOP CAPABILITIES

- General Machining Lathe
- Mill
- Boring Mill
- Drill Press
- Vertical Mill
- Key Cutting
- Cylinder Re-lining
- Engine and Compressor Overhaul
- Hydro-Testing
- Compressor Connecting Rod Reconditioning
- Compressor Piston, Rod and Ring Repair and Manufacturing
- Integral Engine Head Re-manufacture and Repair
- Packing Case Repair
- Compressor Valve Repair
- Magnetic Particle Inspection
- Power Cylinder Head Repair
- Power Rod Reconditioning
- Exchange Rebuilt Components
- Auxiliary Component Repair Exhaust Manifold
- Water Pump
- Oil Pumps
- Starters
- Packing Case Repair
- Custom Packing Solution



**Operating Facilities:**

- California | Santa Clarita
- Louisiana | Houma, New Iberia
- Michigan | Bridgman
- North Dakota | Williston
- New Mexico | Carlsbad
- Oklahoma | El Reno
- Pennsylvania | Smithfield
- Texas | Canadian, Kilgore, Midland, Odessa, Pampa, Three Rivers, Waller, Weatherford

**RECONDITIONING ENGINE AND COMPRESSOR COMPONENTS**

To maximize reliability and availability for your Engine or Compressor equipment. We provide outstanding reconditioning services on all components for any engine or compressor brand and design. Our repair service stands for high quality and rapid turnaround in close cooperation with our customers.

**UPGRADES / MODERNIZATIONS**

In our constant strive to optimally support our customers, we not only focus on compressor and engine components but also on solutions supporting the entire system and our customer's processes.

**RECONDITIONING COMPRESSOR VALVES AND COMPONENTS**

All critical dimensions, lift, seat thickness, spring pocket depths are checked for conformity to OEM specifications. Replacement seats and guards checked.

**CUSTOMIZED SERVICES**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Requirements and situation analysis</li> <li>• Thorough examination</li> <li>• Complete disassembly</li> <li>• Inspection of individual parts</li> <li>• Recording of main parts condition</li> <li>• OEM engineering evaluation if required</li> <li>• Thorough cleaning</li> <li>• Repair and re-machining</li> <li>• Lapping and grinding of all sealing surfaces</li> <li>• Dimensional checking</li> <li>• Careful reassembly</li> </ul> | <ul style="list-style-type: none"> <li>• Replacement of worn and damaged parts</li> <li>• Quality inspection including required testing</li> <li>• Corrosion protection and adequate packing</li> <li>• Situation analysis</li> <li>• Evaluation                             <ul style="list-style-type: none"> <li>– Dye Penetration, etc.</li> </ul> </li> <li>• Engineering for repair procedures</li> <li>• Workmanship like laser cladding, nitrate hardening etc.</li> </ul> |
|--|--|

**Arkos Field Services**

123 Equity Blvd | Houma, Louisiana 70360 | 985.872.2260

**HOUMA FACILITY CAPABILITIES**

- Service Center
  - 28,600 square foot
  - Field and Shop Operations
  - Services Onshore and Offshore
- Machine Shop
  - 12,000 square foot
  - Two 10 ton Overhead Cranes with 18 feet under hook
  - Services Onshore and Offshore
- Engine Overhaul, Fabrication, and Refurbish Shop
  - 12,000 square foot
  - Indoor Paint Booth and Wash Bay
  - Two 30 ton Cranes with 32 foot hook height
- Complete Compressor Valve Rebuild Center

**RECONDITIONING COMPRESSOR COMPONENTS**

- Piston Skirt Repair and Manufacturing
- Cylinder Reconditioning/Oversizing
- Compressor Rod Reconditioning
- Compressor Valve Reconditioning
- Packing Case Reconditioning
- Crosshead Repairs
- Crankshaft Repair

**OTHER SHOP SERVICES**

- Custom Compressor Piston Ring Solutions
- High Speed Compressor Piston and Rod Qualification, Repair, Assembly