



## ARKOS PLANT AND REFINERY SERVICES

Arkos is an experienced compression and equipment service partner that understands the issues and challenges of the Petrochemical, Chemical, Petroleum Refinery, Industrial Gas and Natural Gas Industries. From installation and startup through operations and overhauls, we maintain, monitor, and service equipment to allow our clients to concentrate on their core business. Our established relationships with all major OEMs ensure a rapid response to requests for parts or service, technical bulletins, and warranty items, and our expertise ensures that equipment operates reliably and efficiently for maximum production over the life of the project.

## US OEM BURCKHARDT COMPRESSION

- OEM Parts
- Field and Shop | Maintenance,
   Overhaul, Reconfigure
- Hyper Service Center | Central Valve,
   Plunger, HP Cartridge, LP Packing,
- Laby Service Center | Piston Skirts, Rods, Cylinders
- Compressor Valve Reconditioning
- · Packing Case Reconditioning

- Machining Shop | Fabrication, Reconditioning
- Engineering Capabilities
- Customer Training
- Complete Inspection and Repair Documentation
- Auxiliary Systems
- Lubrication | High Pressure Pumps, Lubrication Group



**LABY COMPRESSORS**Contactless and Oil-Free



PROCESS GAS COMPRESSORS

API 618 | Full Compliant



HYPER COMPRESSORS
Safe and Reliable up to 3'500 bara

#### INDUSTRY-LEADING SAFETY RECORD

- 0.00 TRIR in 2014
- 0.32 TRIR in 2015
- 0.79 TRIR in 2016

### **MACHINE SHOP CAPABILITIES**

- · General Machining
  - Lathe
  - Mill
  - Boring Mill
  - Drill Press
  - Vertical Mill
  - Key Cutting
- Cylinder Re-lining
- Engine and Compressor Overhaul
- Cylinder Bore Thermal Spray
- Hydro-Testing
- Compressor Connecting Rod Reconditioning
- Compressor Piston, Rod and Ring Repair and Manufacturing
- · 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



# **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



- Valve and Packing Shop |-All Brands
- Engine and Compressors
  - Preventative Maintenance and Overhauls | Shop and Field
  - Preventive and Corrective Maintenance | Separable and Integral
- Equipment Revamp, Modernization, Retrofit, Relocation Capabilities
- Engine Driven Coolers
- Installations and Startup Services, Commissioning
- Condition/Remote Monitoring
- Life Cycle Maintenance
- Engine Exchange and Swing Programs
- Instrumentation and Controls
- Emissions Equipment
- Turbochargers
- Plant Operations
- Process and Treating Equipment
- Production Equipment
  - Preventive and Corrective Maintenance
  - Clean-outs
  - Repairs
- Used Equipment
  - Compression
  - Production Equipment
- Vendor Managed Inventory Solutions
- · Parts and Spares
  - Critical Spare Parts
  - Recommended Spares
  - Equipment Upgrades
- Engineering/Torsional Studies
- OEM Cylinder Replacement Solutions
- 24/7 Callout Service/Technical Support
- Troubleshooting

## **Arkos Field Services**

19750 FM 362 Road | Suite 100 | Waller, Texas 77484 | 832.783.5440

#### FIELD SERVICES INCLUDE:

- Contract | Operations and Maintenance
  - Engine
  - Compressor
  - Production Equipment
- Field Overhauls | Integral and Separable
  - Engines
  - Compressors
  - Auxiliary Components
- · Troubleshooting and Consulting
- Inspections and Preventive Maintenance
- Foundation Repairs
  - Grout Repair
- 24 Hour Repair Services

# FIELD MACHINING SERVICES

- · Optical Alignment
- Laser Alignment
- Borescope with Video Capabilities
- Infrared Inspection Camera
- Mechanical Wireline Equipment
- · Main Bearing Align Boring
- · Compressor Cylinder Align Boring
- · Crosshead Slide Align Boring
- Lock-N-Stitch Metal Repair
- · Fastener and Thread Repair
- · Crankshaft Polishing
- Portable Milling Machines
- Compressor Cylinder Valve Seat Repairs