Equipment Refurbishment & Restoration Services

Applications and process conditions such as gas composition, pressures and temperatures change over time. Equipment performance and assets are re-deployed as well. Consequently, these changes directly affect asset operating cost, asset performance and reliability, production and increase major failure risk.

At Exterran, all our performance upgrading services, re-rating and modifications are built on the basis of our engineering process know-how and our fleet operating experience. We offer lifetime extensions and rejuvenation projects that start with a review of the complete system, including disassembly and inspection of key components to restore the asset to peak operational efficiency that results in tangible commercial and operational benefits.

Even after years of use, engines, compressors, production and processing equipment can be refurbished and restored to like-new condition or reconfigured for new services by Exterran’s overhaul team of experts.

For more information, please contact AftermarketServices@Exterran.com

We offer revamp, refurbishment, restoration and upgrade services for a wide array of oil and gas equipment from complete packages, systems and subsystems to individual components and control systems.
Remanufacturing Services

- On-site or in-shop overhaul
- Engine, compressor and component machining and remanufacturing
- Piping, vessel, and structural repair
- Sandblasting and painting
- Electrical and control board repair or replacement
- Turbocharger repair
- ASME code vessel repair or replacement
- Machine shop services
- Compression re-staging capabilities
- Compression performance analysis

Restoration Services

Exterran will work with the customer to complete a unit condition assessment and define a scope of work to return the equipment to service with optimal performance.

- Sandblasting & Painting
- Structural Repairs
- Re-Certification
- Component Servicing
- Software Updates
- Engine Upgrades
- Compressor Re-staging

- Compressor Unit Performance Upgrades
- Compressor Retrofits
- Isometric Drawings
- GA Drawings
- P&ID’s
- Instrumentation
- Valves
- Performance Runs
- Upgrades
- 3D Modelling
- PRV Overhaul
- Performance Software
- Process Simulation
- Package Upgrade Design
- Full Project Execution

- Environmental Improvements
- Safety Improvements
- CE Marking
- ABS Certification
- Engine Upgrades & Modifications
- Engineering & Design
- Cooling Modifications
- Heat Tracing
- Pipe Stress Analysis
- Pulsation Analysis
- Torsional Analysis
- Piping Modifications
- Scrubber Upgrades

Above: Paint booth with unit prepared for painting

Left: Compressor package refurbishing team at work