

## PROJECTS GROUP

*Harness the full resources of Cook Compression for an in-depth understanding of your processes, flows, systems and components - and the path forward for integrated optimization*

*Partner with Cook for the project support you need to boost profitability and productivity. From specialized technical assistance to complete, turnkey project planning and execution, you can rely on Cook Projects Group for practical solutions.*

### PROJECTS & STRATEGIC OBJECTIVES

#### Application Analysis

- Conduct engineering studies

#### Performance Optimization

- Engineer efficiency and flow to suit application requirements

#### Re-rates & Reapplication

- Reapply current frame and cylinders to updated processes
- Replace or modify major components as necessary

#### Life Cycle Improvement

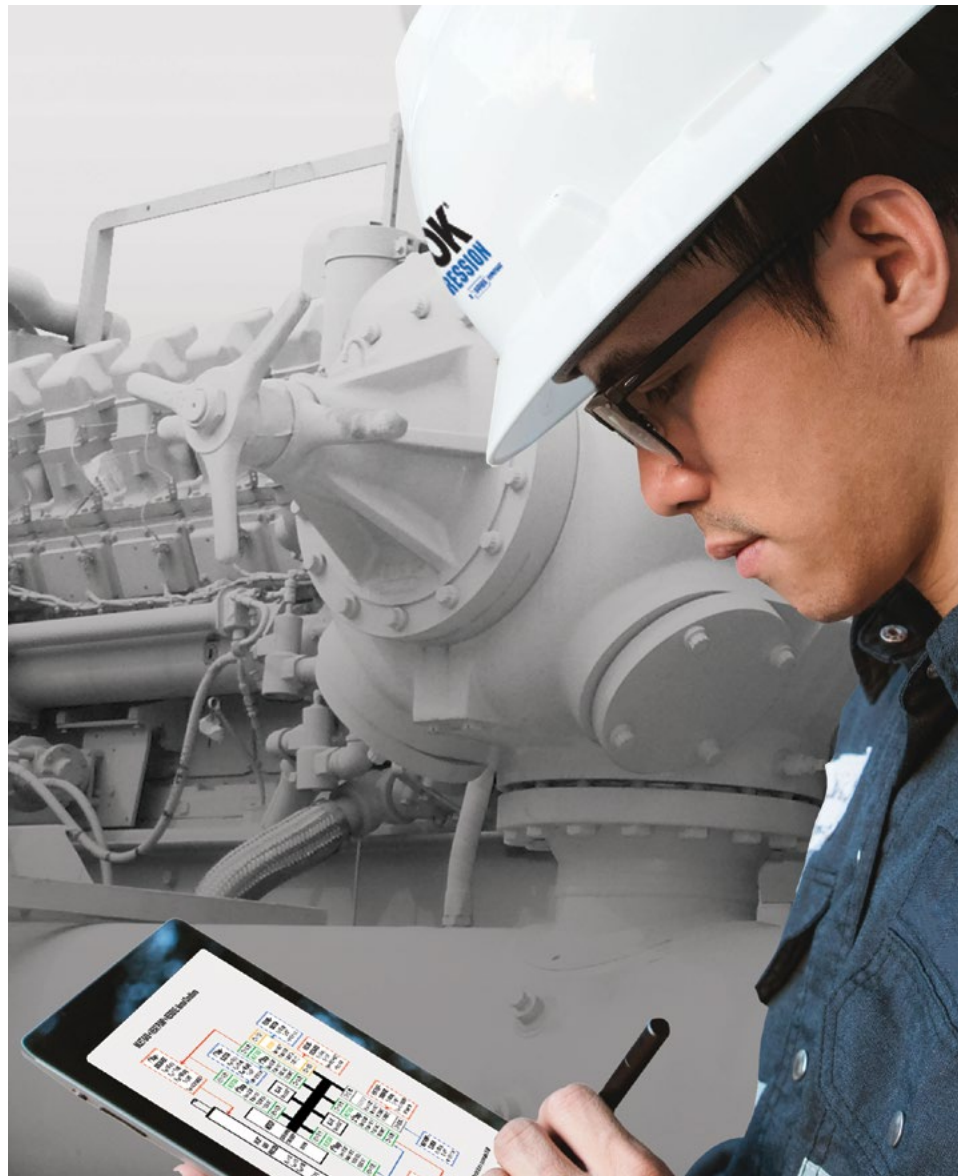
- Upgrade parts to extend service life and productivity

#### Emissions Reduction

- Boost compliance and safety with advanced components and strategies

### BENEFITS

- | Optimize Performance For Specific Needs
- | Maximize Run Times and Efficiency
- | Reduce Operating Costs
- | Enhance Safety
- | Stop Unplanned Downtime
- | Solve Chronic Problems
- | Meet Changing Requirements



### TURNKEY CAPABILITIES

The Cook Projects Group can supplement your internal resources or provide turnkey service for complete management, financial and operational control.

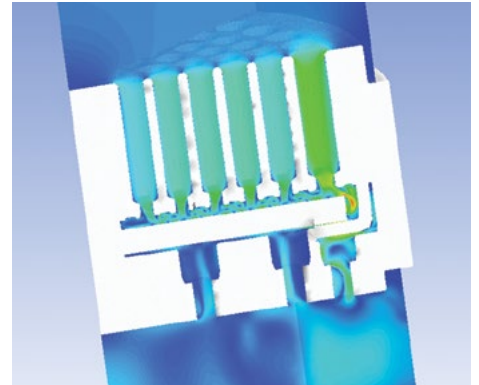
- Coordination through project manager
- Planning and budgeting
- Operational and financial control from concept through commissioning and warranty
- Engineering to identify performance limitations or problems and determine solutions
- Monitoring and diagnostics
- Upgraded part technologies
- Repairs in Cook Compression Service Centers
- Field work supervision and/or project labor
- Complete documentation, manuals and "as-builts" upon completion



### UNMATCHED EXPERTISE

Cook Compression offers in-depth knowledge of compressor operations, applications, components, testing, diagnostics, maintenance and repair services. For the expertise and experience you need to improve the reliability and productivity of your machines and processes, Cook Compression is the resource to trust.

- Proficiency with all types of reciprocating compressors
- In-house engineering expertise in compressors, compressible fluids and thermodynamics
- CFD modeling, FEA and valve dynamics simulation
- Patented technologies
- Component manufacturing capabilities
- Test compressors
- Materials development and testing laboratories
- Complete repair services
- Windrock portable and online monitoring and diagnostics
- Experienced project engineering and management
- Stringent quality programs including ISO, Lean and 5S methodologies



ADVANCING  
PERFORMANCE  
+ RELIABILITY  
+ EFFICIENCY



Compressor Valves | Capacity Control | Valve Restraining Systems | Rod Rings | Packing Cases | Piston Rings | Rider Rings

Pistons | Rods | Cylinder Liners | Compressor and Engine Repair Services | Diagnostics and Analysis Services | Online Monitoring

and Response Systems | Lubrication Systems and Services | Control and Automation | Engineering and Technical Support

CookCompression.com