



## 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. From specialized technical assistance to complete, turnkey project planning and execution, you can rely on Cook Projects Group for practical solutions.

### PROJECTS & STRATEGIC OBJECTIVES

Cook Compression can provide the project support you need to boost profitability and productivity and achieve your strategic goals.

#### 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

### ADVANTAGES

- 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
- Experienced project engineering and management
- Stringent quality programs including ISO, Lean and 5S methodologies

