

# Equipment Sales and Plant Support



## Gasification: How can we help you

Air Products Syngas Solutions™ provides clients with customized support for previously licensed technologies that are now under our operating experience umbrella.

Those technologies are:

- Shell Gasification Process (SGP)
- Texaco
- GE Gasification

Air Products offers a comprehensive portfolio of services and solutions to keep your gasification plant at peak performance. The checklists below are some of the most common areas where our customers find value in our experience. Feel free to call or email any of our global locations. An Equipment Sales and Plant Support specialist will get right back to you.

### Process equipment improvements

- ☐ Plant debottleneck projects
- ☐ Technology upgrades
- ☐ Molecular sieve front-end upgrades
- ☐ Expander upgrades
- ☐ Control system upgrades
- ☐ Plant relocations
- ☐ Plant efficiency projects
- ☐ Liquefier additions
- ☐ Molecular sieve screen upgrades
- ☐ Storage, backup or distribution system upgrades

### Facility optimization

- ☐ Heat exchanger repair/replacement
- ☐ Burner technology upgrades
- ☐ Quench section replacement

### Type of plant

- ☐ Shell Gasification Process (SGP)
- ☐ GE Gasification
- ☐ Air Products Syngas Solutions
- ☐ Other

### Field services

- ☐ Emergency services
- ☐ Operator training
- ☐ Operation and maintenance support
- ☐ Plant start-up, shutdown and turnaround
- ☐ Plant troubleshooting and audits
- ☐ Construction supervision
- ☐ Project and construction management

### Engineering services

- ☐ Syngas Separation
- ☐ Sour gas cleanup
- ☐ Carbon Capture options
- ☐ Feasibility studies
- ☐ Preventative maintenance programs
- ☐ Technical services package
- ☐ Safety and hazard audits
- ☐ Operating/reliability audits
- ☐ Technical troubleshooting/problem solving

### Spare parts

- ☐ Routine, specialty and custom spare parts
- ☐ Spare parts inventory control systems
- ☐ Maintenance turnaround parts support

## For air separation plants relating to your gasifier

### Cryogenic and non-cryogenic plant improvements

- ☐ Plant debottleneck projects
- ☐ Molecular sieve front-end upgrades
- ☐ Expander upgrades
- ☐ Control system upgrades
- ☐ Plant relocations
- ☐ Plant efficiency projects
- ☐ Liquefier additions
- ☐ Molecular sieve screen upgrades
- ☐ Storage, backup or distribution system upgrades

### Air separation facility optimization

- ☐ Heat exchanger repair/replacement
- ☐ Distillation column repair/replacement
- ☐ Productivity improvements projects
- ☐ Adsorption replacement



For more information,  
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