COBEY®

ISO 9001:2015 Certified

Bridging the Gap

Between OEM and EPC

Cobey offers complete design and manufacturing of modular piping systems for the oil and gas, petrochemical, power generation and air separation industries.

Engineer

Our engineering team consists of Application Engineers, Project Engineers, Rotating Equipment Engineers, Electrical Engineers, Designers, and Document Control. Our highly experienced Project Managers have a wide range of knowledge in rotating equipment and related auxiliaries. They are responsible for the component selections, procurement, and the successful implementation of project designs.

Document Control supports customers needs for document submittals, and information flow to manufacturing.

Design

Project Designers are skilled in structural, vessel and piping design, and utilize the latest in solid modeling software for accurate and efficient designs including:

- SolidWorks Premium
- SolidWorks FEA Analysis Simulation Add-on
- SolidWorks Routing/Piping Add-on
- Compress Pressure Vessel Design Software

Manufacture

- 102,000 sq. ft. manufacturing space with complete fabrication, assembly and test capabilities.
- 35 ft under hook
- (2) 50/20 ton cranes
- (2) 20 ton cranes
- (3) 20 ft wide doors
- (22) 1-2 ton jib cranes
- Major equipment – Laser shaft alignments, TIG/MIG welding machines, submerged arc machines, spray arc machines, plasma cutters, pipe benders, punch press, pipe beveling machine, and paint & blasting booths.

Cobey is qualified to manufacture to the following specifications, codes, and standards:

- AISC
- ASME – B31.1, B31.3
- API – API-11P, API-610, API-614, API-617, API-618, API-619, API-676, API-692
- ASME – NB, Section VIII Div. 1 U, Section VIII, Div. 2 U2
- All materials welded to ASME Section IX
- NFPA 52

Bridging the Gap

Modular piping systems add value to rotating equipment packages by improving quality and safety while reducing installation costs. Cobey often goes beyond what most equipment OEM's are willing to do, incorporating auxiliary systems, process piping, valves, gas-liquid separation and/or process heat exchangers to the OEM's scope of supply. Contact us to discuss how Cobey can Bridge the Gap between OEM and EPC.

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Cobey offers complete design and manufacturing of modular piping systems.

Compressor Packaging

Cobey will custom design and manufacture your rotating equipment package.

Packages could include structural bedplate, machinery mounting pads, piping, tubing, electrical wiring, instrumentation, controls. Modular design reduces field installation and equipment transportation costs.

With over 500 units currently in service worldwide, Cobey has built Compressor Packages for Oil and Gas, Petrochemical, Air Separation, and Power Generating Industries.

Cobey packaging experience includes:

Compressors

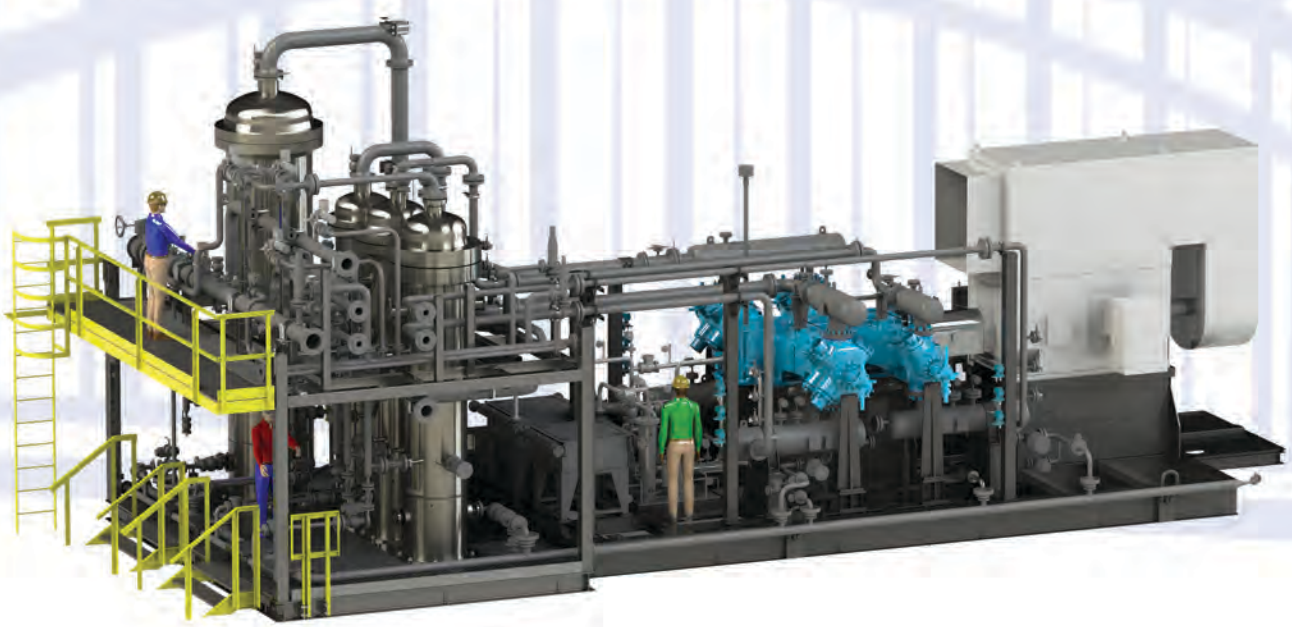
- High Speed or Low Speed Reciprocating
- In-line Centrifugal
- Axial
- Oil Free Screw
- Oil Flooded Screw
- Integrally Geared
- Liquid Ring Vacuum

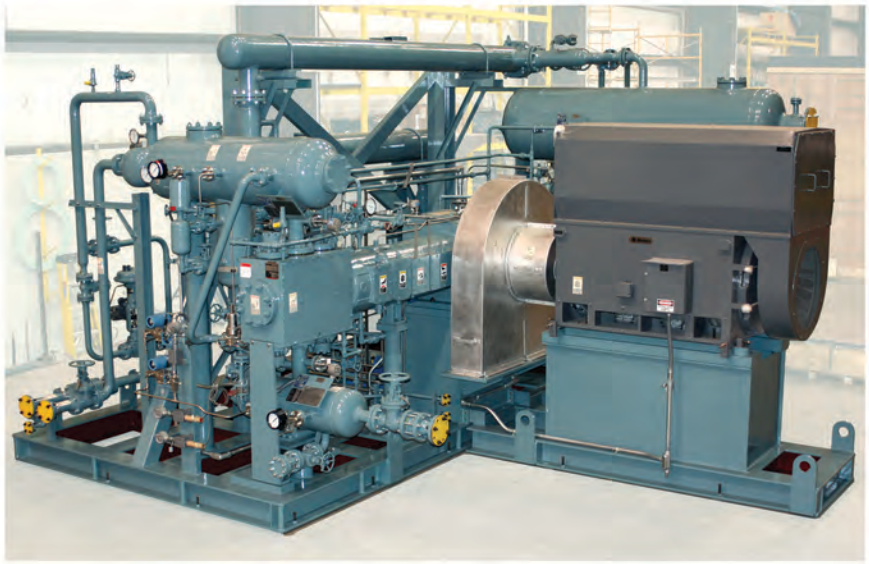
Other

- Steam Turbine-Generator Sets
- Turbo-Expanders
- Engine-Generator Sets
- Fans
- Blowers

Cobey is qualified to manufacture to the following specifications, codes, and standards:

- API 610 ISO 13709
- API 617 ISO 10439
- API 618 ISO 13707
- API 11P ISO 13631
- AP619
- AP676
- ASME
- ASME U Div. 1
- ASME U2 Div. 2
- CE
- CRN
- CSA
- GOST
- IEC / ATEX
- NEC
- PED





Lube Oil Consoles, Seal Oil Systems and Control Oil systems are designed to provide pressurized lubricating oil to various types of industrial rotating equipment.

Lube Oil Systems

Since its beginning, Cobey's primary product has been lube oil systems. Our particular strength is API 614 Standard (ISO 10438) special purpose lube oil systems, with vast experience in API 618 Standard (ISO 13707), general purpose and non-API lubricating oil consoles.

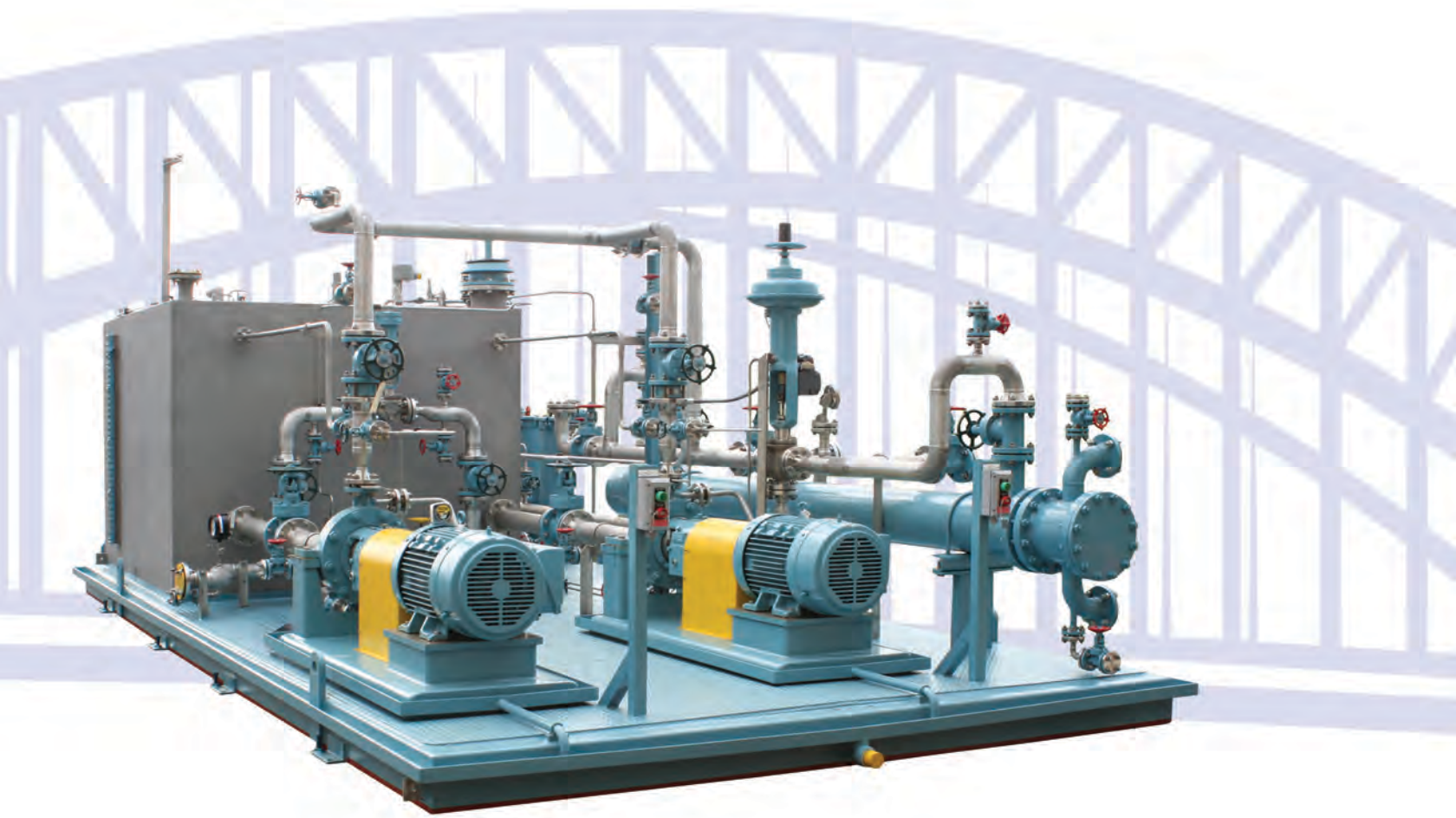
With hundreds of lube oil systems currently in service, Cobey has worked with specifications of nearly every major Petrochemical, Power Generation, and Air Separation company worldwide.

Cobey Lube Oil System experience includes:

- Over 900 units currently in service worldwide
- Flows from 1 gpm up to 2,000 gpm
- API-614 4th, 5th, and 6th Edition Task Force Member

Cobey is qualified to manufacture to the following specifications, codes, and standards:

- API 610 ISO 13709
- API 614 ISO 10438
- API 618 ISO 13707
- ASME B31.1
- ASME B31.3



Cobey offers complete design and manufacturing of dry gas seal panels, including OEM and aftermarket applications. Pre-conditioning systems are also available including knockout vessels, gas boosters, and/or gas heaters.

Dry Gas Seal Panels

A Cobey Gas Seal Panel is designed to supply seal buffer gas to the shaft seals of various rotating compressors, providing containment of these process gases. The panel includes filters, pressure/flow control valves and various instruments to condition, control, and monitor the gas in and out of the dry gas seals.

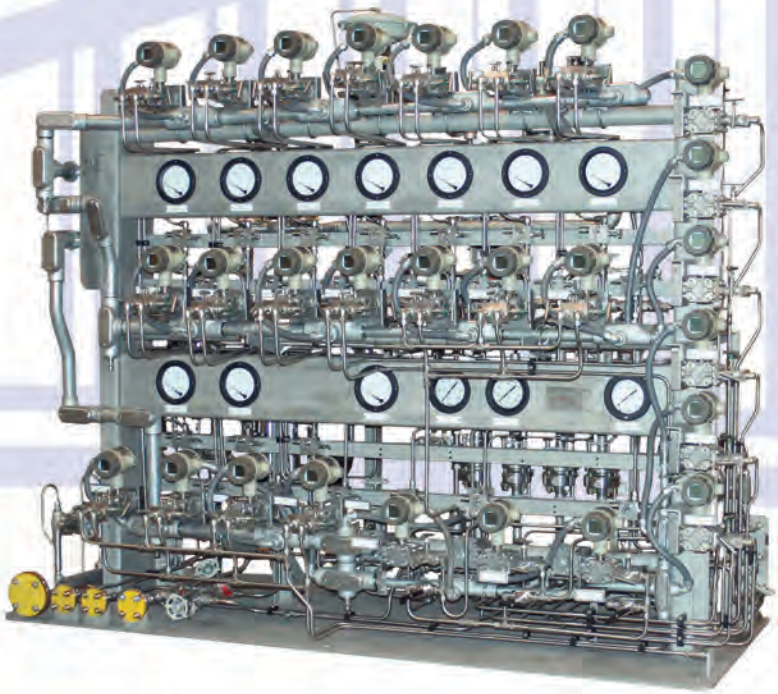
Arranging all of the instruments in one location near the compressor package simplifies the mechanical, process piping and electrical installation.

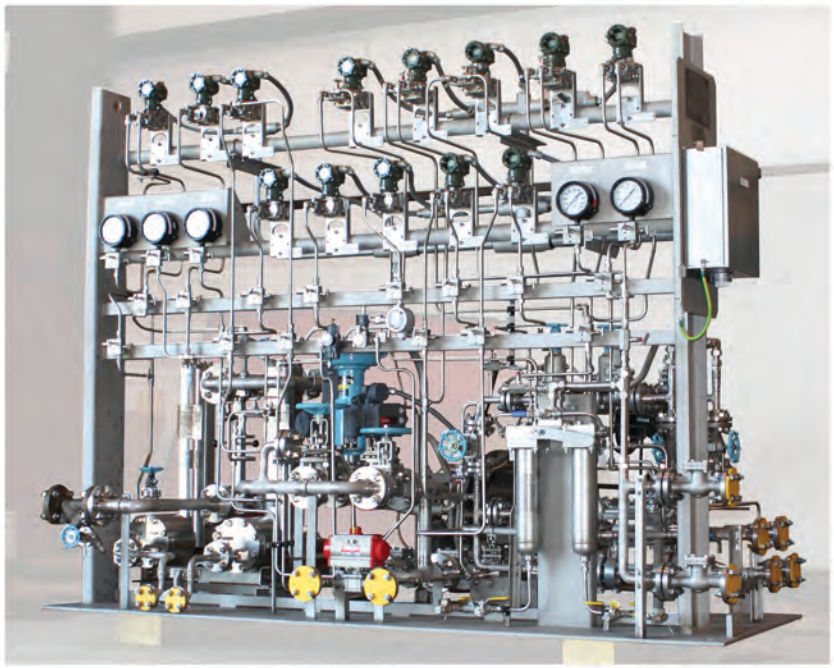
The popularity of dry gas seals has increased the need for Gas Seal Panels over the years. The need to reduce cost while maintaining safety and accessibility has lead to many innovations in panel design and construction. Cobey's open-frame concept allows for easy process monitoring and maintenance. The flow and pressure requirements of each seal system, the corrosive or explosive nature of the gas, and each customer's technical specifications provide every panel with unique challenges.

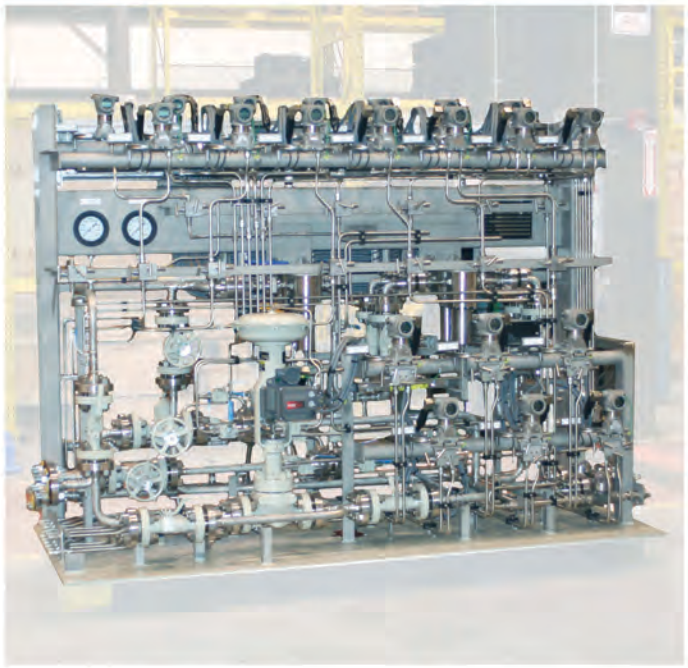
Cobey's extensive knowledge of industry standards and trends, along with our design and manufacturing expertise, ensure that your challenges will be met.

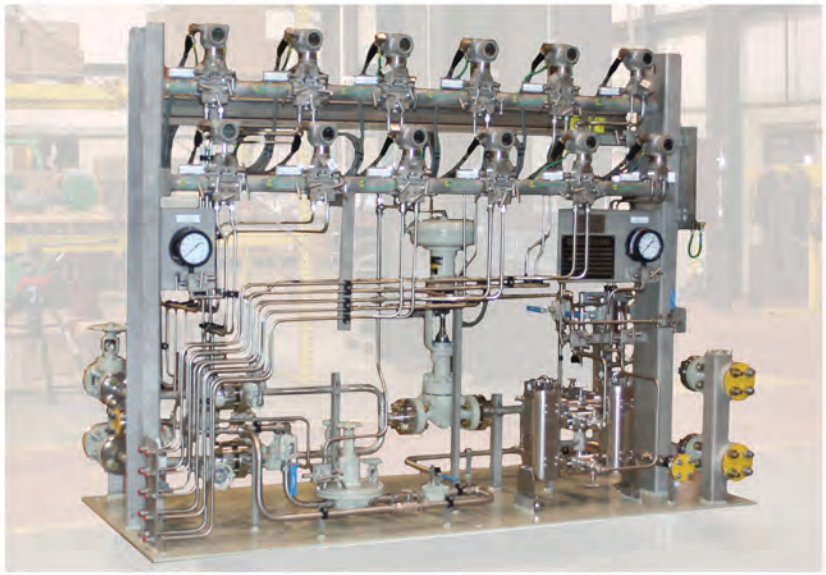
Cobey is qualified to manufacture to the following specifications, codes, and standards:

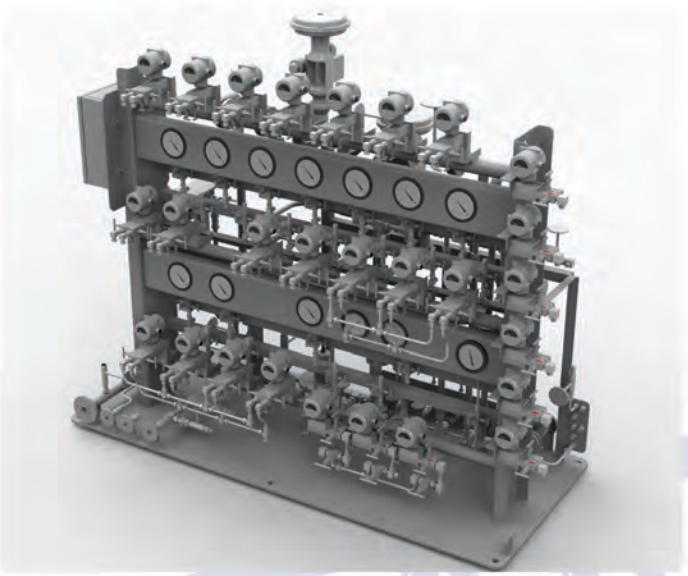
- API 614, API 692
- ASME B31.3
- ATEX
- NEC
- NEMA

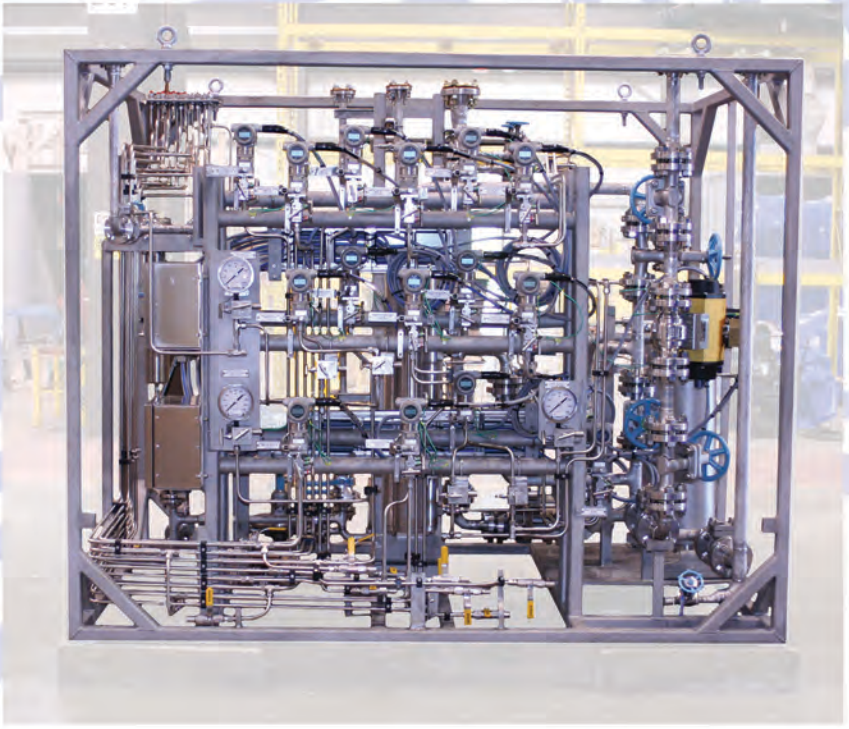












Improve safety quality and cost by taking advantage of modular systems designed by Cobey.

Auxiliary Equipment

Along with our core group of products, Cobey also has experience designing, engineering, and manufacturing other equipment for petrochemical, power generation and air separation industries.

Cobey packaging experience includes:

- Cooling Water Skids
- Compressed Natural Gas (CNG) Products:
  - ASME Storage
  - Compressor Packages
  - Fast Fill Dispensers
  - Gas Dryers
  - Priority Fill Panels
  - Time Fill Dispensers
  - Decant Panels
- Gas Conditioning Skids
- Glycol Systems
- Fuel Forwarding Skids
- Fuel Gas Boosting Skids
- Fuel Injection Skids
- Pressure Vessels:
  - Pulsation Dampeners
  - Lube Oil Coastdown Tanks
  - Seal Head Tanks
  - Separators
- Water Injection Skids

Cobey is qualified to manufacture to the following specifications, codes, and standards:

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- API 618 ISO 13707
- API 11P ISO 13631
- AP619
- AP676
- ASME
- ASME U Div. 1
- ASME U2 Div. 2
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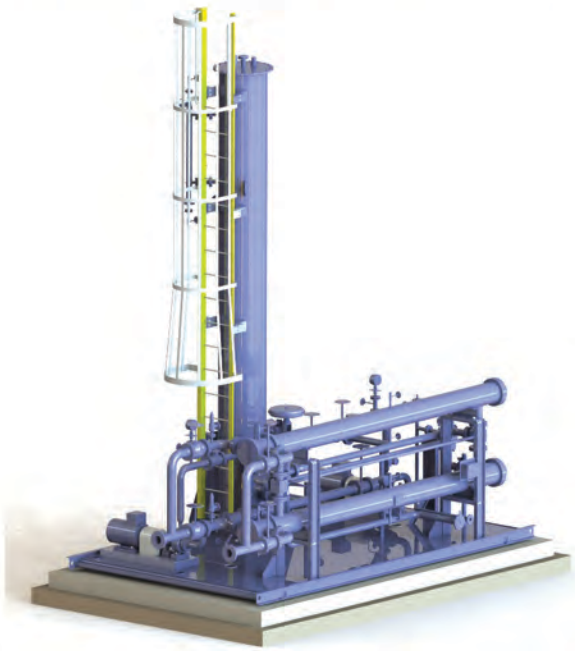

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ENERGY

The site Cobey now calls home in the Buffalo Lakeside Commerce Park, has a rich history rooted in the steel industry. The location was once thriving with the business of the now closed Hanna Furnace Corporation. Hanna Furnace operated from 1900 - 1982 and produced pig iron that was used for steel production.

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