

Since 1972,
our customers have known they can
count on us
at every turn.



CUST-O-FAB

SAFETY • QUALITY • SCHEDULE • VALUE



24/7

855.562.4263

Get A Quote

quoterequest@custofab.com

Follow Us

[/custofab](#)  

Since 1972,
our customers have known they can
count on us
at every turn.



1972, CUST-O-FAB founders Jack Jarrett and Luther "Red" Graham.

About Us

When you need dependability, you can count on CUST-O-FAB. Our customers rely on safety, quality, schedule, and value. Those are the pillars that make up our core values. It's our commitment to those values that make us the best in the industry.

CUST-O-FAB was founded in 1972 in Sand Springs, Oklahoma as a small fabrication shop in the heat transfer business. Today we continue to be a leader in the fabrication of ASME code heat exchangers and pressure vessels. In response to our customer's needs, we launched CUST-O-FAB

Specialty Services in 2011 to provide on-site maintenance and construction services to the same industries on which we built our reputation.

We go above and beyond for our customers. Our goal is to make your job easier, and one of the main ways we do that is with our integrated on-site services and fabrication shops. When fabrication needs go beyond the capabilities of the field, our project managers quickly transfer the request to one of our shop locations and get our craftspeople started on your project.

From start to finish, you can count on us to work hard and get the job done right.

INDUSTRIES WE SERVE



OIL & GAS
DOWNSTREAM
MIDSTREAM



INDUSTRIAL
GASES



CHEMICAL



PETROCHEMICAL



AGRICULTURE
AMMONIA
FERTILIZER



POWER



RENEWABLE



SPACE
EXPLORATION



PULP & PAPER



MINING



Core Values



MISSION STATEMENT

Our Mission is to work in partnership with our customers, while relentlessly pursuing excellence and exceeding expectations in terms of **SAFETY, QUALITY, SCHEDULE, and VALUE.**



VISION STATEMENT

Our Vision is to be the next generation industrial equipment and on-site service provider most preferred for its people, commitment to customers, and dedication to business excellence.



SAFETY

Keeping people first is at the heart of our safety protocol

QUALITY

High-quality work starts with high-quality people

SCHEDULE

Experience has provided us with the tools to maximize efficiency

VALUE

We know that value goes beyond the bottom line

Team CUST-O-FAB is committed to our “Count On Us” culture and giving back to the communities where we live and work through partnerships, charitable donations, and pitching in when one of our own is in need.



ESG Commitment

CUST-O-FAB is dedicated to continually improving our environmental, social, and governance (ESG) practices through our dedicated workforce and robust product offering. This commitment affects every aspect of our business, including how we engage within the communities we work and live, fabricate equipment, execute new projects, operate our business, and develop new technologies for improved efficiencies and emissions.

IMPROVED ESG THROUGH HEAT EXCHANGER SOLUTIONS

REDUCED WATER USE

ENVIRONMENTAL

Protecting valuable natural resource

SOCIAL

Protecting people from legionnaires’ disease and water treatment chemicals

GOVERNANCE

Managing OPEX to continue enabling profitable opportunities

REDUCED ELECTRICITY USE

ENVIRONMENTAL

Intelligently using natural fuel resources

SOCIAL

Stabilizing operations (upsets) to increase safety

GOVERNANCE

Managing OPEX to continue enabling profitable opportunities

ALTERNATE MATERIALS

ENVIRONMENTAL

Different materials generate different GHG emissions during fabrication

SOCIAL

Bringing public and industry perspectives together

GOVERNANCE

Managing CAPEX to continue enabling profitable opportunities

Antiquated heat exchanger designs are hindering today’s ESG initiatives. CUST-O-FAB strives to align with our customer’s ESG directives by understanding the end-use needs, providing multiple heat exchanger products, and implementing innovation with industry applications.

Safety

CUST-O-FAB's primary goal is to safely provide customers with high-quality products and services. Our culture is built around safety, driven by our desire to protect the well-being of our employees and customers.

At CUST-O-FAB, the safety of our employees and our customers is paramount.



ACCOUNTABILITY

We hold ourselves accountable, through our own detailed inspection and through inspections by our customers. Our clients have the opportunity to review our safety program to verify that we are maintaining our high standard of quality.



COLLABORATE

We take a collaborative approach to safety and incorporate a variety of CUST-O-FAB employees and customer representatives throughout the course of each project.



COMMITMENT

Our team is committed to the unwavering pursuit of safety in all that we do. Ongoing employee training, job-skill screening, and high-quality leadership contribute to a safety record that leads the industry.



PLANNING

Before starting a project, all procedures go through rigorous safety analysis and strategic planning to reduce potential hazards.

AWARD WINNING SAFETY

CUST-O-FAB's award-winning safety program is backed by the biggest names in the business.

- OSHA's Voluntary Protection Program (VPP)
- American Fuel & Petrochemical Manufacturers (AFPM)
- The Oklahoma Safety Council
- The National Safety Council
- The Montana Safety Council



More on COF
SAFETY



Quality

Our quality program sets the standard and criteria to ensure that our work meets or exceeds all applicable codes and project specifications.

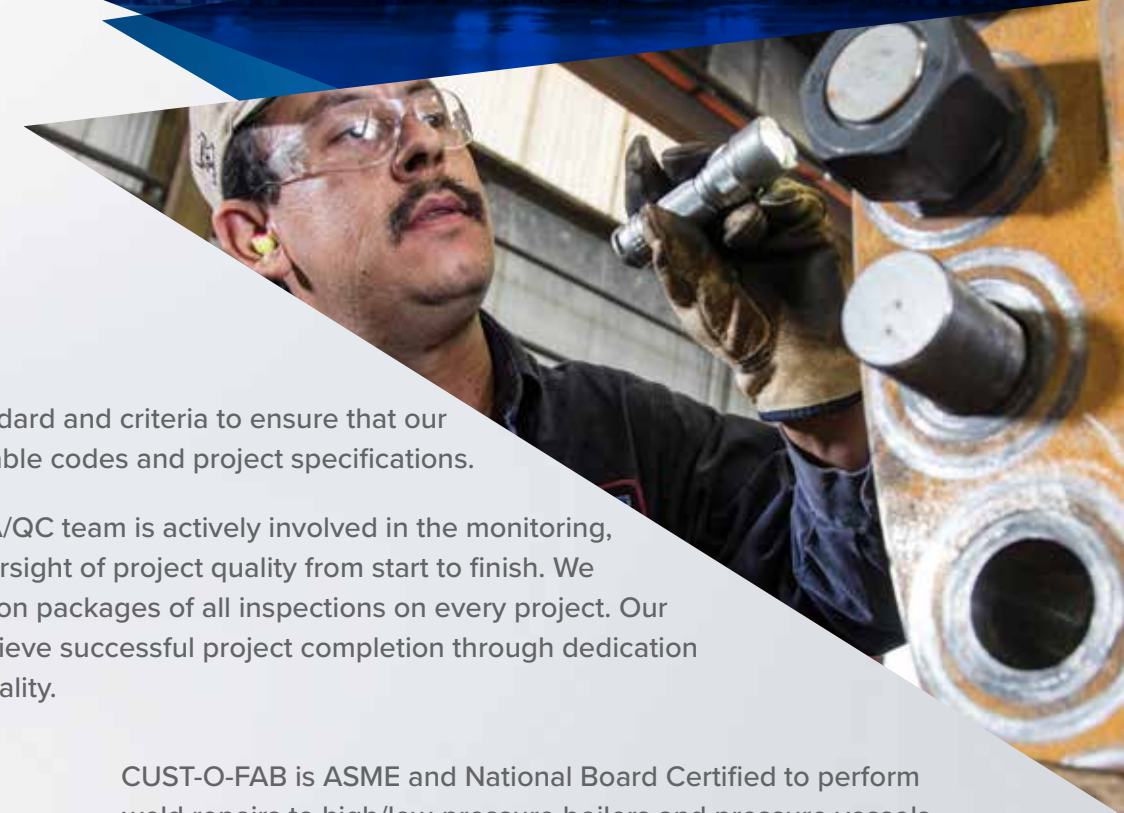
CUST-O-FAB's highly qualified QA/QC team is actively involved in the monitoring, enforcement, and continuous oversight of project quality from start to finish. We provide detailed QC documentation packages of all inspections on every project. Our experienced and trained staff achieve successful project completion through dedication and commitment to safety and quality.

CERTIFICATIONS



Authorized Repair and Manufacturer

CUST-O-FAB is ASME and National Board Certified to perform weld repairs to high/low-pressure boilers and pressure vessels and fabricate power boilers and piping. Our quality control programs are updated to the latest revisions in the ASME and National Board Inspection Codes. We also certify our welders to ASME and National Board codes and welding procedures.



24/7

855-562-4263

Fabrication & Repair Services

CUST-O-FAB provides customers with top-quality ASME Code fabrication at competitive prices. From our expertise in heat exchangers to our specialty fabrication capabilities, we've earned a reputation for excellence within the industry.

Our three fabrication facilities total more than 280,000 square feet of production area and 125 acres of storage space. All CUST-O-FAB production plants are fully staffed and operational on a 24/7 basis.

SHELL & TUBE HEAT EXCHANGERS

- Pipe and shell sizes up to 120 in. diameter
- Maximum weight of 400,000 lbs
- Maximum shell thickness of 8 in.
- Complete thermal and mechanical design
- Fabricated to ASME Code and TEMA standards

Materials fabricated:

- All Nickels
- 300 and 400 Series Stainless Steel
- 2205 and 2507 Duplex Stainless Steel
- Low Alloys
- Low Temp
- Carbon Steel
- Weld Overlays
- Mill Clads
- All Chromes

BUNDLES

- Bundle replacement for exchangers and Air Cooled Heat Exchangers
- 24-7 response for emergency retubing,
- In-kind replacements (same/upgraded material)

VESSELS & TOWERS

- Maximum size up to 192 in. outside diameter
- Maximum weight of 450,000 lbs
- Maximum length of up to 300 ft in length
- Maximum wall thickness of 8 in.
- Mechanically designed and fabricated to ASME Code

Materials fabricated:

- All Nickels
- 300 and 400 Series Stainless Steel
- 2205 and 2507 Duplex Stainless Steel
- Low Alloys
- Low Temp
- Carbon Steel
- Weld Overlays
- Mill Clads
- All Chromes

ENGINEERING

- Dedicated team of design engineers
- Thermal and mechanical warranties provided on specified projects
- Projects designed and detailed in accordance with ASME, TEMA, and API standards and specifications

AIR COOLED HEAT EXCHANGERS

- Engineered to order
- Maximum weight of 160,000 lbs
- Fabricated to ASME Code and API 661
- We offer the following finned tube types:
 - Embedded Fins
 - Extruded Fins
 - Single and Double L-Footed
 - Slit Fin

Materials fabricated:

- Carbon Steel
- All Nickels, specialists in Inconel and Incoloy
- 300 and 400 Series Stainless Steel
- 2205 and 2507 Duplex Stainless Steel
- Low Alloys and Low Temp
- Weld overlay of nozzle piping and header box
- Chrome and Chrome Moly
- Mill Clads
- All Chromes

SPECIALTY FABRICATION

We specialize in unique item fabrication as well as obtaining difficult to source materials that others cannot source. As with all of our core products, response time and delivery are always prioritized.

STRUCTURAL STEEL

- Caged and Parapet Ladders
- Mezzanines, Catwalks and Circular Platforms
- Stairs and Circular Tank Walkways
- Pipe and Angle Handrails
- Skids
- Tapered Power Poles and Switch-Yard Structures
- Commercial Buildings
- Trolleys
- Tank Accessories
- Pipe Rack modules
- Columns and Trusses

EMERGENCY SERVICES

24/7

Even the most well-run plants experience unexpected shutdowns or emergency repair situations. That's why CUST-O-FAB never takes a day off. We're available 24/7, 365 days a year so that when the unexpected does happen, we're ready with our On-Site team to get your operation back up and running.



More info on
COF Fabrication

Specialty Services

CUST-O-FAB Specialty Services is a dedicated on-site service provider that delivers comprehensive solutions for issues that arise. We have a seasoned team of craftspeople and supervisors that are experts in turnarounds, capital projects, emergency shutdowns, and more. Our field team knows exactly how to get in, get things fixed safely, and leave your facility better than they found it. When an emergency shutdown occurs, we're available 24/7 to get you back up and running as soon as possible.

PLANT TURNAROUNDS

- Single-source of contact to manage projects
- Furnace erections, reformers, platforms, and heaters
- Critical-path specialists
- Pipe expert planning, estimating, and execution
- All refractory applications
- Preliminary diagnostics run on all lift plans and technical rigging

SPECIALTY WELDING

- More than 800 certified welders
- Over 1,600 specialized welding procedures
- ASME Code welding and repair services
- Professional inspection, documentation, and turnover packages

Our welders are **ASME Code certified for a wide range of alloys:**

- Chrome (1%-9%)
- Urea-Grade Stainless Steels
- Duplex / Super Duplex
- Titanium
- Inconel (all grades)
- Cast Alloys
- Micro Alloys (unclassified, Kubota, XM)
- Grade 91 / Modified 9 cr.

Welding Specifications:

- ASME B31.3
- ASME Section 1
- ASME Section VIII, IX
- AWS D1.1, D1.3, D1.4, D1.6

PROCESS PIPING FABRICATION & INSTALLATION

- Specialty welding for all piping materials
- ASME Code piping procedures
- Dimensional verification with interference checks
- Fabrication and installation

EXCHANGER BUNDLE EXTRACTION

- Turnkey service from exchanger manufacturing to push-pull of exchanger bundles
- In-house training facility to ensure safe operation of equipment
- Knowledgeable and qualified craftspeople and supervision
- Fully equipped with extraction and installation equipment including aerial, truck-mounted and crawler extractors.

BOLT TORQUING & TENSIONING

- Heat Exchangers
- Towers
- Vessels
- Reactors
- Pumps
- Process Piping

FCCU SERVICES

Replacement and repairs for:

- Reactor and Regenerators
- Large Transfer Lines
- Cyclones
- Refractory
- Riser Lines
- Air Grids
- Expansion Joints
- Slide Valves
- Heater Retubes and Repairs
- Strippers
- Insert/nozzles

COKER REVAMPS

- Vessel alterations and inspections
- Un-Heading system replacements
- Coke dump chutes and skirts
- Exchangers
- Vessels
- Furnace Revamps
- Fixed equipment opening, cleaning, and repairs
- Structural steel improvements
- Unit piping
- Bundle extractions

CAPITAL PROJECTS

- Front-End-Load budgeting
- Scheduling
- Cost forecasting
- Field change order management
- Fitment verification for issued for approval status drawings
- General contracting of field installation
- Fabrication of fired equipment, code pressure vessels, code/non-code piping
- Sub-Vendor management of fabricated components

FIELD RETUBING

- Air Cooled Heat Exchangers
- Shell and Tube Heat Exchangers
- Evaporators
- Refrigeration Units
- Quench Coolers
- Boilers
- Furnaces
- Surface Condensers

REFRACTORY

Perform refractory equipment fabrication, installation, and repair services on:

- API 936 for installation and inspection
- Process Heaters
- Process Boilers
- Reformers
- SRU Unit – Thermal Reactors
- Ammonia Plants
- FCC Units

EMERGENCY SERVICES

We're available 24/7, 365 days a year so that when the unexpected does happen, we're ready with expedited fabrication and on-site crews to get your operation back up and running.



More on COF
On-Site Services

24/7

855-562-4263

Power Services

CUST-O-FAB's Specialty Services dedicated power group is fully equipped to provide turnkey services for fabrication, retrofit, repair, and installation projects. Our experienced engineers, schedulers, craftspeople, and supervisors have earned a reputation throughout the power generation industry for executing projects and shutdowns safely, with quality craftsmanship, on-time delivery, and within budget.



INNOVATIVE SOLUTIONS

CUST-O-FAB's engineering and scheduling teams take a custom approach to each project to meet or exceed specifications. Our knowledgeable and experienced team is proficient in state-of-the-art processes that improve efficiency and reduce turnaround time.

Our innovative approach means you can count on CUST-O-FAB to solve challenging problems involving complex subsystem integration.

HRSG SERVICES

- Harp and Module Replacement
- Exhaust Ductwork Replacement – Improved Design
- Exhaust Liner Replacement – Improved Design
- Main Steam Control Valves (MSCV) Replacements
- Duct Burner and Flow Grid Replacement
- Harp and Coil Repairs – (ASME Code Stamps)
- Expansion Joint Replacement
- Heat Exchangers
- Piping Fabrication and Installation
- High Energy Steam Piping
- Specialty Welding
- Heavy Rigging Specialist
- Emergency Services
- Turbine Enclosures
- Structural Steel

EXHAUST SYSTEMS

CUST-O-FAB has improved the design of exhaust systems to include:

- Silencers
- Stacks
- Flex Seal Upgrades
- Ducting
- Liners

Exhaust Plenums with improved design including:

- Drainable Liner Floor with a Shingled Design
- Optional Jacking Port
- Double-Sealed Wing Door
- Internally-Insulated, Full-Floating Internal Liner Design
- Forward and Aft Flex Seal Insulating Collar
- Aft Wall Mounting Ring Welding Detail
- Expansion Joint with a Cold Flange Design

INLET SYSTEMS

CUST-O-FAB provides custom-engineered high-quality filter houses and cooling systems for improved performance, increased efficiencies, and low maintenance.

- Filter Houses
- Expansion Joints
- Silencers
- Plenums
- Ducting
- IBH Systems (Piping)

FILTER HOUSES

CUST-O-FAB's highly experienced engineering group has developed innovative improvements for inlet filter houses, providing increased protection for your gas turbine. Our turnkey filter house solutions provide a one-stop source for engineering, fabrication, and installation as well as aftermarket services for repairs and maintenance.



More on
COF Power

Single Source Solutions

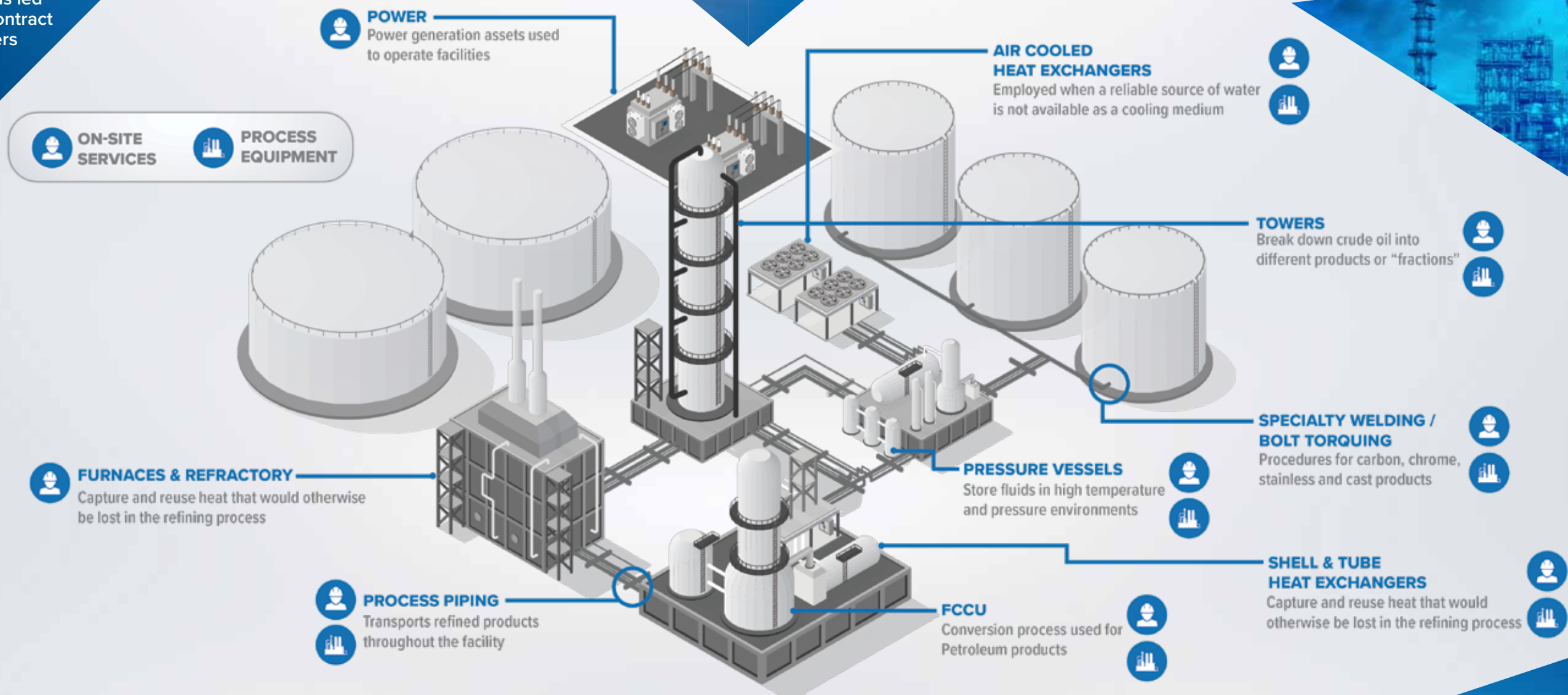
Synergistic engineered equipment and on-site services enables COF to serve as a single point of responsibility for customers operating critical process infrastructure.

CUST-O-FAB ADVANTAGES

- Comprehensive offering provides multiple customer touch-points and cross-selling opportunities
- Extends service reach throughout the process infrastructure life cycle
- Value-added solutions enhanced by CUST-O-FAB's end-to-end vantage point
- Consultative approach and a broad spectrum of capabilities has led to numerous embedded contract relationships with customers

WHY IT MATTERS TO OUR CUSTOMERS

- Opportunity to consolidate vendor spend with a single, best-in-class services provider
- Scale of CUST-O-FAB's operations provides consistent service across customer expectations
- Lower mobilization costs and fewer logistical complexities
- Reduces repair and maintenance expenses by eliminating costs associated with managing and coordinating multiple vendors.



24/7

855-562-4263

Nationwide Support



Get a Quote Started



CUST-O-FAB's strategic network of production facilities in the Midwest and along the Gulf Coast (in Texas and Louisiana) provides unparalleled service to our customers from coast to coast.

Our three fabrication sites total more than 280,000 sq ft under-roof with over 125 acres of storage space. All our fabrication sites are near major interstates and easily accessible to waterways and rail and operational and are operational on a 24/7 basis.

OKLAHOMA Tulsa | Sand Springs | Catoosa
TEXAS Beaumont | Corpus Christi
MONTANA Billings **LOUISIANA** Geismar



Sand Springs, OK | Fabrication & Specialty Services



Sand Springs, OK | Bundle Fabrication



Catoosa, OK | ACHE & Structural Steel Fabrication



Beaumont, TX | Specialty Services



Beaumont, TX | Fabrication



Corpus Christi, TX | Specialty Services



Geismar, LA | Specialty Services



Billings, MT | Specialty Services



Tulsa, OK | Corporate Headquarters

24/7

855-562-4263