

O_2

Ar

N_2

Building a Stronger Future for Your Business

H_2

CO_2

He



Building a Stronger Future for Your Business

We strive every day to be your gas supplier of choice.

If your business depends on industrial gases, you need a reliable supplier of quality products. You also need a leader in industrial gas technologies, committed to delivering solutions that create value in areas of productivity, quality and reduced operating costs that allow you to maintain focus on your core business. This is where Messer excels, and these pillars form the cornerstone of our success.

- Problem-Solving Gas Technologies
- Extensive, Flexible and Reliable Gas Distribution Network
- Industry Experts and Local Customer Service Teams



Problem-Solving Gas Technologies and Equipment

Messer plays a pioneering role in industrial gas technologies.

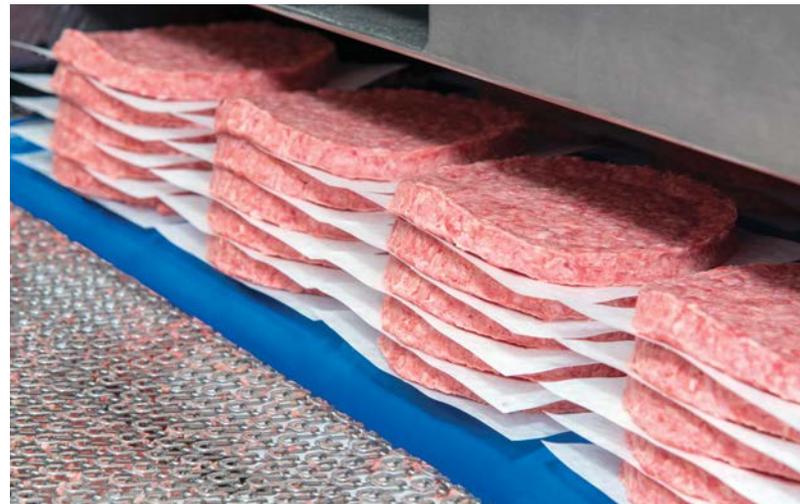
The Messer Technology Portfolio

Backed by decades of development and know-how, our technology portfolio includes numerous patents and proprietary solutions. These proven technologies are ready to create value for our customers in areas such as: Increased Production... Reduced Operating Costs... and Higher Product Quality.

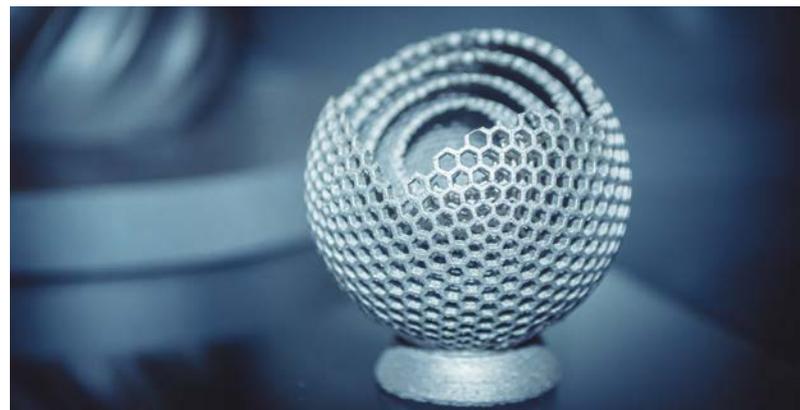


We serve customers in diverse industries, including:

- Aerospace
- Agriculture
- Aquaculture
- Automotive
- Chemical Processing
- Chemical Specialties
- Combustion
- Electronics
- Energy
- Food & Beverage
- Glass
- Healthcare
- Heat Treatment
- Industrial and Additive Manufacturing
- Metal Processing
- Oil & Gas
- Pharmaceutical & Biopharma
- Water Treatment
- Welding and Cutting



As an Original Equipment Manufacturer (OEM), we design and build state-of-the-art equipment to meet industry trends and demanding standards for quality, reliability and safety. This also means we can deliver end-to-end solutions with process equipment and control systems matched for performance.



Flexible Network Supply for High Reliability

Your Source for Industrial Gases

Messer operates many production facilities across North America. Our portfolio of quality gases includes: Oxygen (O₂), Nitrogen (N₂), Argon (Ar), Carbon Dioxide (CO₂), Hydrogen (H₂), Helium (He) and a range of other specialty gases. It also includes high-purity grades for electronics, food & beverage, and healthcare.

Extensive Delivery Network

We deliver quality gases by pipeline direct from our air separation units (ASUs) and by our fleet of trucks and railcars through an extensive distribution network. Deliveries range from bulk merchant liquid to cylinders, and include on-site supply for large customers.

Flexibility for Uncertain Times

The many distribution points of our supply network give us added flexibility — and reliability.

We operate multiple ASUs in North America to ensure the reliable supply of N₂, O₂ and Ar. Our vast network, coupled with significant storage capacity at each site, raises the level of reliable supply for our customers.

Quality Medical USP Gases

We offer reliable transport hubs and production facilities for medical USP gases. We deliver in trailers qualified to transport critical life-supporting oxygen. We install medical bulk-gas storage and handling equipment on site, with installations certified to comply with all applicable regulations.



Supply Chain Dependability



The Americas Operations Center (AOC) in Stewartsville, NJ ensures reliable plant operations and scheduling of product deliveries to our customers. Our goal is to provide exceptional reliability of supply and a high level of customer service across North and South America.

Using advanced automation and process field devices, the AOC can manage your tank inventory levels and delivery timing. Plus, the following AOC services help reduce labor and eliminate unnecessary paperwork and supply headaches:

- Remotely monitor tank storage levels and usage rates 24/7
- Perform remote diagnostics to ensure optimal storage parameters
- Centrally execute gas supply and shut-off procedures for plant start-ups and scheduled shutdowns, to ensure optimal effectiveness and cost efficiency

Complete Supply Chain Integration

Messer Supply Chain services include: Remote Operations, Supply Chain Planning, Scheduling, Operations Support, Energy Services, Customer Engineering Services, and programs for Health, Safety, Environment and Quality (HSEQ).



Redundancy for Added Reliability

The AOC is prepared to maintain Business Continuity with 3X-redundant telecommunications and data connectivity and a diesel generator to provide electrical backup for all AOC activities.



Industry Experts and Local Project Execution Teams

Experienced people you know and trust

Our regionally based project execution and industry teams are experts in gas technologies as well as in related safety, health, regulatory and quality requirements. Each account is serviced by a team that includes an Account Manager, Application Sales Engineer, Project Execution Manager and Application Technician.

Tailored solutions, 24/7 support

Our Customer Service Engineering Teams are strategically located to help keep your operations running efficiently and, of course, safely. We maintain and provide 24-hour customer service on Messer storage and application equipment, and we work with you to adapt and deliver tailored solutions that create value for your business operations.

As a leader in industrial gases and gas technologies, we like to push the boundaries of what's possible.

We are agile, entrepreneurial, and continuously developing new and innovative solutions. We listen to our customers and can respond to your specific challenges — whether you need troubleshooting advice or a new turnkey system to solve an underlying issue.



The Messer Technical Center

Industry-focused Customer Solutions and Innovation

Based in Cleveland, OH our Technical Center is a hub of industry-focused innovation and solutions to help customers meet a variety of goals, from improved productivity to reduced operating costs. The Tech Center includes dedicated laboratories for serving customers in the Food Processing, Chemistry, Energy & Environmental, Combustion, Glass and Heat Treatment, and Industrial and Additive Manufacturing sectors.

Customers often work with our Applications Teams to address emerging needs or to optimize output of existing technology and processes. Meeting with our experts, whether face-to-face or virtually, can generate valuable insights, production optimization, and potential cost savings.

The Messer Technical Center offers the following:

- Customer Product Testing on Messer's application equipment
- Technical Training on specific processing equipment and topics such as safety and equipment maintenance
- Equipment Design and Factory Acceptance Testing of processing equipment

Spare Parts Program

Preventative maintenance can avoid unnecessary disruptions and downtime. We maintain an inventory of critical parts for customers at our Tech Center. Delivering on our spare-parts program, our expert staff is at your service from 8:30 - 5:00 EST, at 1-877-772-7379, Monday through Friday to fulfill your orders and keep your operations running smoothly.



About Messer

Messer is the largest privately held industrial gas business in the world, and a leading industrial and medical gas company in North and South America. Messer offers 125 years of expertise in industrial, medical, specialty and electronics gases. The company delivers quality gases, related services and technology via an extensive production and distribution network. Health and safety, sustainability practices and environmental protection are core Messer values that are embedded in the company's daily operations.

Messer Americas is part of the Messer SE & Co. KGaA, representing an approximately \$4.4 billion USD enterprise with presence in the Americas, Europe and Asia.

www.messeramericas.com

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