Our customers produce the world’s energy, chemicals, and plastics, and eliminate harmful emissions from the air, water, and soil. We help them operate in a cleaner, safer and more economical way.

LEADERSHIP LIKE NO OTHER
John Zink Hamworthy Combustion (JZHC) is a global leader in emissions-control and clean-air combustion systems. We back every product with decades of proven performance, unrivalled research and development capabilities, and expert service and support. Our expertise includes:

- Burners
- Flares
- Flue gas treatment
- Gas recovery
- Landfill and biogas systems
- Thermal oxidizers
- Vapor control
- Heat transfer
- Oils, gas, and liquids separation, treating and conditioning
- Combustion monitoring
- Turnkey services

A KOCH COMPANY
JZHC is part of Koch Engineered Solutions, which is owned by Koch Industries, the second-largest privately held company in the U.S. Other Koch Engineered Solutions companies include:

- Koch Glitsch
- Koch Knight
- Koch Membrane Systems
- Koch Specialty Plant Services
- Optimized Process Designs LLC
- Koch Heat Transfer Company LP

We put our expertise to work for industries worldwide:

More installed equipment than any other manufacturer in our industry.

More than 250 U.S. patents (and hundreds more worldwide).

Thousands of professionals from companies worldwide educated through the John Zink Institute™.

As low as 5 ppm (10 mg/Nm³) achievable burner emissions.

Near-zero flaring for flare systems with flare gas recovery.

Up to 99.9999% destruction efficiency with Thermal Oxidation systems.

Valuable product captured and emissions reduced with vapor recovery.
Research and Development
Continuous innovation is a vital part of our on-going success. We invest heavily in facilities, capabilities, and people. Our Research and Development Test Center is the largest and most advanced testing complex of its kind. This not only allows us to push innovation for future solutions, it enables us to test customer equipment in an industrial setting under specific, real-world conditions.

Manufacturing and Delivery
We’re not satisfied with industry-leading manufacturing quality and speed. For us, our 99% on-time rate simply means there’s still room for improvement. That’s why we’re constantly improving our innovative continuous-flow manufacturing line and investing in cutting-edge technology and equipment. Every day, we push for even more efficiency and precision to deliver the unmatched quality and speed that customers worldwide have come to rely on.

Service and Support
Our worldwide service organization is the largest, most technically advanced team of its kind. JZHC technicians are trained in the latest technologies to evaluate existing systems for upgrades and retrofits, to troubleshoot operations, and to help plan your next turnaround or outage. We offer preventative maintenance programs to reduce unplanned downtime, avoid possible emergency call-outs, and ensure maximum availability and extended operating life of your equipment. Plus, we operate one of the world’s largest combustion rental fleets to help keep your company up and running.