## [ ZEECO ]

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## BUILT FOR TODAY'S HYDROCARBON PROCESSING CHALLENGES: ZEECO'S LEGACY OF INNOVATION

Zeeco, Inc., started out in 1979 as a small operation based on the big idea that better results come from a clear focus on expertise, reliability and innovation. The company's founder, a recognized combustion engineering expert, was responsible for inventions that led to more than 35 patents for burners, flares, incinerators, and related combustion equipment including the flame-front generator for flare ignition, steam-assisted flares for smokeless flaring, and energy-efficient burners for reduced plant operating costs. Built from the ground up as a lean, responsive company with innovation in its blood, Zeeco engineers tackled industry challenges and delivered products that changed the hydrocarbon processing world.

Thirty-three years and nine expansions later, Zeeco now employs over 450 people in its Broken Arrow, Oklahoma, USA corporate headquarters alone and has offices and staff in 11 other countries. International manufacturing capabilities and local experts make Zeeco a trusted name by customers worldwide. Still privately owned, the company remains focused solely on the combustion business. Driven by the simple philosophy of better by design, Zeeco experts look at product development from an inside-out perspective instead of just looking for incremental improvements in existing concepts. Continuing a legacy that pioneered the development of permeate gas incinerator technology for the natural gas processing industry, Zeeco continues to design innovative, industry-changing products like the patented GLSF Free-Jet Burner. "Zeeco's strength has always been the talent of its people and the industry knowledge they bring to every challenge or project," says Zeeco's Dan Caho, Director of Business Development.

Zeeco burners, flares and incinerators serve the hydrocarbon processing industry worldwide, meeting the strictest emissions requirements and surviving some of the harshest operating conditions on the planet, including the world's hottest and coldest climates and the North Sea's deepest drilling operation. In addition, Zeeco designed the world's largest demountable flare and the world's largest SRU thermal oxidizer. With its continuing focus on innovative products, Zeeco serves today's refining, petrochemical, production, power and pharmaceutical industries through new ideas and new approaches like using the waste heat from thermal oxidizers in gas processing plants to reduce plant fuel costs and boost bottom line gas sales. A rich history of working hand-in-hand with industry leaders and understanding their challenges gives Zeeco an edge. Those relationships led to the development of technology for liquid flaring that reduced liquid carryover by more than 99% and High-Pressure Air Assist flaring. Zeeco's HPAAS technology allows plants to quickly and economically achieve efficient and smokeless flaring in new and existing applications.

Keeping the talented engineers and experts at Zeeco motivated to look for better ways to do things means keeping things in perspective from the top down. "We appreciate the importance of balancing the interests of our customers, employees and our communities," says Caho. The kind of people who have always thrived at Zeeco are the ones who enjoy a good challenge and who believe in hard work, integrity and reliability. Those qualities, present from day one in the Zeeco team, are what positions Zeeco to shape the combustion industry's future. As the industry embraces development in tight oil, oil sands, shale gas, more remote fields, and stricter emissions requirements, Zeeco designs



Zeeco has grown tremendously over the past two decades in response to customer demand and market conditions. Our debt-free headquarters complex includes 73,000 sq. ft. of manufacturing space and one of the industry's largest combustion testing and research facilities.

will continue to make the process more efficient and reliable. Beyond innovative products, Zeeco tackles the processes involved, too. The Zeeco Rapid Response Team took apart the repair and replacement part process and rebuilt it with the customer in mind. Now housed in a separate facility with its own manufacturing equipment and workflow, the RRT can replace flare tips in days.

Zeeco corporate headquarters is located on a 250 acre modern, debt-free campus that includes offices, manufacturing and fabrication space, and one of the industry's largest combustion research and testing facilities. Continued expansion of both the core facility and the testing facility is planned over the next few years as Zeeco looks for ways to meet the industry challenges of tomorrow.



## worldwide expertise on demand<sup><sup>™</sup></sup>



Coldest. Hottest. Deepest. Farthest. That's where Zeeco people and products work today. Our dedicated team of worldwide experts understand the complexities of combustion across the globe. We have the real-world experience to engineer proven combustion solutions for the global refinery and petrochemical industries. Trust Zeeco burners, flares and thermal oxidisers. **Experience matters.** 

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