

# FLARE GAS RECOVERY

Near-Zero Flaring  
for the Refining Industry



BURNERS | FLARES | THERMAL OXIDIZERS  
VAPOR CONTROL | RENTALS | AFTERMARKET





# FLARE GAS RECOVERY

## Near-Zero Flaring for the Refining Industry

### Next-generation flare gas recovery minimizes or eliminates flaring occurrences.

With the implementation of the latest EPA NSPS Ja flare regulations, refineries are under tremendous pressure to dramatically reduce overall plant emissions to avoid costly consequences. Zeeco offers the industry's most economical solution to transition refinery flares to a clean, energy-efficient flare gas recovery process that also creates surprising economic benefits and better bottom lines.

ZEECO® Flare Gas Recovery (FGR) systems meet the strict compliance issues of NSPS Ja and help refiners recoup their financial investment in the shortest amount of time. Our FGR systems work with your existing flare to achieve near-zero flaring while recovering valuable waste gas that can be reused as fuel or feedstock.

Near-zero flaring reduces fuel gas consumption; reduces flaring light, noise, and odor; reduces steam consumption; lengthens flare tip life; and builds a more positive company image. In other words, ZEECO FGR systems deliver an exponential advantage that literally pays for itself.

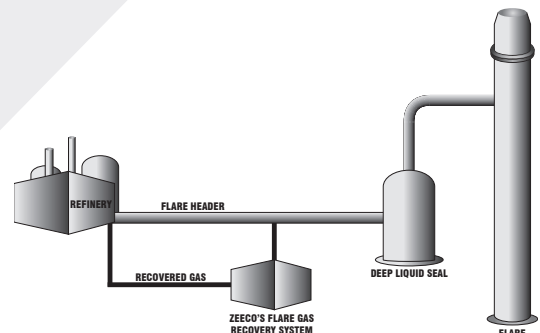


*ZEECO Deep Liquid Seal Drums*

### Performance by design.

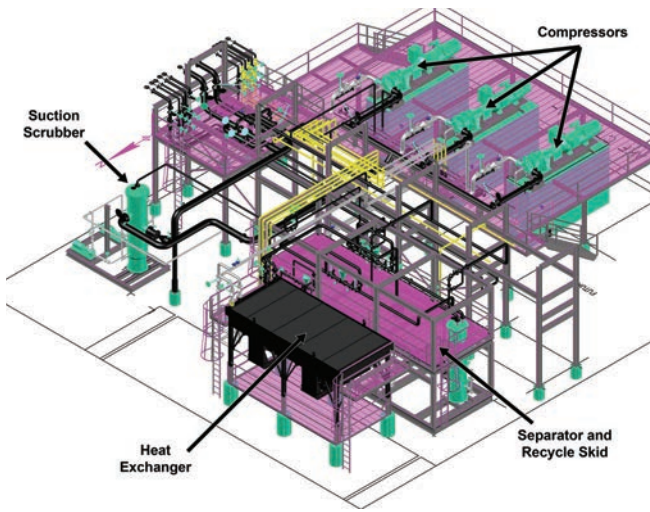
Since 1979, Zeeco has tackled the world's most complex refinery challenges with next-generation combustion and environmental products that offer low and ultra-low emissions, high performance, and exceptional reliability. Today, our engineering innovation is without equal—and it shows in thousands of Zeeco installations across 74 countries.

As flaring experts, we understand the critical safety role a flare plays in your refinery. We also understand no two refineries are alike. That's why Zeeco custom designs its flare gas recovery systems for individual applications, both large and small.



*ZEECO Flare Gas Recovery Systems can be custom-designed for refinery applications*

First, we'll assess your existing flare to determine any necessary modifications to liquid seals, knockout drums or flare controls. We can also perform an engineering study to determine strategic uses for your recovered gas and provide feasibility and cost/benefit analyses that forecast your return on investment under typical and extreme operating conditions. Once designed, engineered, and manufactured, Zeeco will oversee installation, commissioning, startup, and training to ensure your system delivers the clean, efficient performance you expect.



*ZEECO Flare Gas Recovery System*



*ZEECO Flare Gas Recovery System*

## **Compliance reliance.**

The world's most recognized names in the refining, production, LNG, power, biogas, and pharmaceutical industries have relied on Zeeco for more than three decades to keep them operating cleaner, safer, and smarter than ever. And no wonder. Zeeco has earned an outstanding reputation for design innovation, creative thinking, and nimble responsiveness.

Let Zeeco help your refinery remain compliant while improving energy efficiency with our portfolio of combustion and environmental solutions tailored to your plant and your applications.



*ZEECO Flare Gas Recovery System*





## The Zeeco Difference

By concentrating on what we do best, Zeeco has grown into a worldwide leader in combustion and environmental solutions. We are a privately held company whose ownership stays highly involved in daily operations, with upper management comprised of the world's leading combustion experts.

When you call Zeeco, we answer. When you make a request, you get a quick, efficient response. We are lean and efficient, able to make decisions quickly, without bureaucracy and red tape. Our sales, engineering, and purchasing groups work hand-in-hand to deliver highly competitive quotes and heroic turnaround times. We stand ready and willing to travel anywhere in the world to discuss upcoming projects firsthand, and to ensure that every existing project runs seamlessly.



Visit [zeeco.com/contact](https://zeeco.com/contact) for additional Global Location contact information



Choose to work with our dedicated, flexible, and innovative team, and you won't be disappointed. Call or email us today to request a quote or to learn more about our proprietary combustion systems.

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Certification applies to  
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