High stakes but no risk. Choose Zeeco.

Return capital costs, reduce flare events, and recover waste gas for use as fuel. ZEECO® Flare Gas Recovery systems are engineered and designed to do exactly that while extending the life of your flare. Respected worldwide as a leader in flare technology and with the expertise to assess any Flare Gas Recovery (FGR) system requirements, Zeeco will design a system that works with your existing flare to achieve zero flaring. With the properly engineered and designed system in place, waste gases are processed, recovered, compressed, and returned to the plant to be reused as fuel rather than flared, reducing both fuel and flare maintenance costs. Our FGR system will pay you back and help your plant meet current and future regulations, including the Kyoto protocols, by dramatically reducing emissions. Fewer flare events mean less wear on your flare and a better bottom line.

Safety and reliability with proven results.

A flare system serves as a plant’s critical safety relief device and should only be undertaken by a trusted flare company. More than just a compressor company, Zeeco is a world leader in flare design. Zeeco’s accomplished engineering group intimately understands every aspect of flare system design and works diligently with each customer to engineer an FGR system that works. Before the first plant modifications can begin, you’ll know the payback period for your Zeeco FGR system. Since our standard approach is anything but “standard,” we prepare detailed engineering feasibility studies to accurately forecast performance under typical and extreme operating scenarios. We evaluate and custom design all aspects of your FGR system including any necessary modifications to liquid seals, knockout drums or flare controls. Properly designed FGR systems minimize flaring, reduce or eliminate visible flame, prolong equipment life and lower emissions. Trust Zeeco to stay ahead of rapidly changing regulations and emission requirements, helping you stay in compliance. Our Combustion Research and Test Facility was the first in the world to become ISO 9001-2000 certified and we continue to lead innovation in flare development, flare gas recovery and waste gas processing.

The Zeeco difference.

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

When you call Zeeco, we answer. When you make a request, you get a quick, efficient response. 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.

Reduced emissions, recovered costs — with so much at stake, choose the right partner. Choose Zeeco.
Flare Gas Recovery System

Design Features

- We produce detailed engineering feasibility studies including payback period calculations and equipment/compressor technology recommendations.
- Our FGR systems are engineered to work with any available compressor technologies.
- We have the experience to properly engineer ancillary equipment like heat exchangers, separator vessels, pumps, motors, etc.

Design Advantages

- Dramatically reduce emissions
- Recover waste gases for fuel
- Prolong life of the flare system
- Reduce operating costs
- Improve public perception