

Demountable Flare Structures

Maximum Flexibility, Minimum Downtime

John Zink Hamworthy Combustion demountable flare structures offer incredible flexibility and efficiency. Our demountable structures are designed to allow the flare to be lowered to grade for ease of service and inspection. This design concept offers enhanced flare maintenance and flexibility while minimizing the impact to plant operations.

Proven Benefits

John Zink Hamworthy Combustion has been supplying demountable flare structures for decades. Our proven designs meet stringent process requirements in some of the most demanding conditions, all while delivering a wide range of benefits:

Minimized Plant Downtime: For multi-flare derricks, service can be performed on any flare, while the others remain in service. In addition, a spare flare can be incorporated to provide full flaring capacity during flare maintenance.

More Predictable And Safer Maintenance: System maintenance can be performed near grade, eliminating the need for personnel access at the top of the flare. Uncertainties related to weather and high-lift equipment no longer impact outage durations. Radiation shields covering stairways and working platforms allow operations and maintenance access while the flares are in operation.

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Demountable flares allow flare tip replacement with adjacent flares in service.



Proven Benefits, Continued

Less Equipment Requirements: Risers can be lowered using winches on the ground and pulley blocks on the structure itself, eliminating the need and expense of equipment such as large cranes.

Less Space Requirements: One structure can contain multiple risers in a single location in the plant.

Proven Performance: Our extensive engineering experience with demountable designs provides reliable performance for a wide variety of application and design requirements, including revamping projects.



MULTI-FLARE TIP DEMOUNTABLE FLARE STRUCTURE

Experience, Resources and Technology Like No Other

Experience: John Zink Hamworthy Combustion has more installed equipment than any other manufacturer in the industry. We offer a breadth and depth of combustion skill, science and synergy that serves customers across the globe.

Resources: JZHC has the industry's only in-house, dedicated structural design team capable of completely designing demountable derrick structures for any environment condition,

while applying any structural design code. Our structural design team works closely with our in-house mechanical design team who has the expertise required to make a demountable design successful from conception for commissioning.



FLARE RISER CANTING

Technology: Our range of capabilities is unmatched in the industry and provides a strong foundation for exploring the next generation of advanced combustion technologies. For many years, we've been driven by innovation and advanced problem solving, earning us a reputation for taking on the toughest challenges.

Put the benefits of demountable flares to work for you. **Call the experts at JZHC today.**

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