

LNG Facility Goes Green with Fugitive Emission Compliant PRVs

RESULTS

- Mitigated Fugitive Emissions concerns with certified pressure relief devices
- Helped site meet their ESG goals

APPLICATION

Pressure Relief Valves

CUSTOMER

Large LNG Liquefaction facility in North America

CHALLENGE

In order to meet their environmental compliance requirements and reduce the impact of the plant on local communities, the LNG facility is focused on minimizing fugitive emissions. Over 10% of all fugitive emissions come from pressure relief valves, a necessary safety device for process equipment. The operator approached Emerson to develop a solution that would meet their safety requirements without sacrificing their commitment to the environment.

SOLUTION

Emerson developed the industry's first Pressure Relief Valve Type Acceptance Testing for fugitive emissions compliance with full temperature range helium leak testing. Emerson provided all Fugitive Emissions Compliant PRVs for the site reducing the potential for emissions and helping the site meet their environmental goals.

RESOURCES

Crosby™ J-Series
Anderson Greenwood™ High Pressure Pilot Operated Valves



Reducing fugitive emissions is a critical step toward meeting the operator's community commitments and shareholder expectations and over 1,000 Fugitive Emissions Compliant PRVs are installed at this site.



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