OPGAL
Beyond the Visible

OGI CAMERAS FOR REGULATORY COMPLIANCE & LEAK DETECTION

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>
> Dakota Lee, VP Eastern Operations, Summit Midstream

Natural gas companies like Summit Midstream are using optical gas imaging (OGI) technology to monitor & reduce emissions across operations, making it their mission to not just meet government regulatory goals, but to surpass them.

SCENARIO

Summit Midstream is a US based energy production company that develops and operates infrastructure assets in unconventional resource basins, primarily shale formations. Their operations include custody transfer facilities, gathering pipelines, compression & processing facilities, and transmission pipelines to final delivery points.

As part of their regulatory compliance obligations, and for in-house leak detection, Summit decided to invest in several OGI cameras. The critical nature of these important energy production assets requires rugged technology that will be able to detect minimal gas leaks, meet environmental standards such as the recently released OOOOa, and have the most stringent operational safety requirements.

SOLUTION

Summit decided to opt for the EyeCGas camera as one of their OGI cameras in the field. OOOOa compliant, ATEX Class I and II Div. 2 certified, and ruggedized to IP65, EyeCGas is sensitive enough to detect a very small leak even at a distance. While Summit Midstream was familiar with OGI technology and had been using it for some time, they identified EyeCGas as unique due to several features that include extremely safe electronics, excellent viewing capabilities, and overall sturdiness.

"Training requirements were minimal & the camera's operation is relatively simple. I prefer the Opgal EyeCGas camera to the GF320 because of its intuitive functionality."

Eric Fritzsching, Pipeline Operator at Summit Midstream DFW Location

EyeCGas®

High sensitivity to a spectrum invisible to the human eye makes EyeCGas® a critical tool in fugitive gas leak detection. Even from a distance, a user will easily see the exact location of a leak.

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Opgal Optronic Industries, a leading global manufacturer, leverages more than 30 years of field-proven thermal imaging experience into the design and development of IR engines & cameras. The EyeCGas® camera brings Opgal's cutting edge technology to the natural gas and petrochemical markets.

SUCCESS

After months in the field it is clear that the EyeCGas cameras perform well, providing effective coverage of the facilities and infrastructure, and meeting customer expectations with their gas leak detection capabilities. The regulatory compliance team is able to survey the various sites from a safe distance, receiving real-time imaging of the conditions at every point of the production process.

"There are some features of the Opgal equipment that set it apart from others. While translating directly to ease of operation, these features also expand the scope of coverage." said Dakota Lee, VP Eastern Operations.

Summit Midstream now has four of Opgal's EyeCGas OGI cameras, that are used across their full span of midstream infrastructure assets for regulatory compliance and in-house leak detection. EyeCGas affords site operators the ability to proactively reduce fugitive emissions, repair components, and improve their bottom line, by keeping product where it belongs.

"Summit Midstream's commitment to public safety & environmental stewardship leads us to take a very proactive approach on the topics of leaks & fugitive emissions."

Dakota Lee, VP Eastern Operations, Summit Midstream