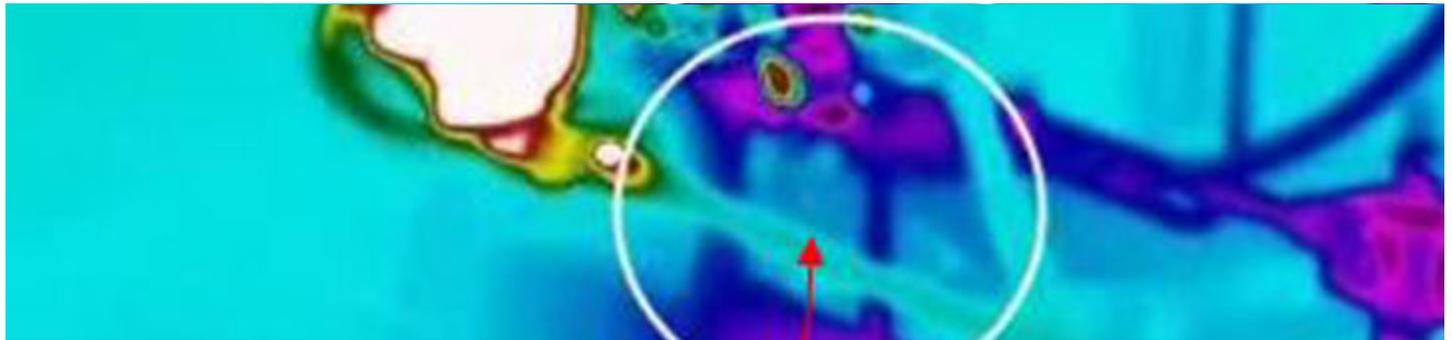




### Summary



<b>Industry:</b>	Oil & Gas
<b>Application:</b>	Optical Gas Imaging
<b>Actual Saving:</b>	£150,000
<b>Payback Period:</b>	Immediate



## New OGI technology detects highly explosive gas leak

Potential hazard avoided through use of Optical Gas Imaging equipment

### ISSUE

The customer, a leading thermal building product manufacturer, asked ERIKS to carry out an Optical Gas Imaging (OGI) survey of their explosive pentane system as part of a routine survey, to ascertain whether the site had any leaks.

ERIKS has recently invested in the OGI technology, a thermal imaging camera which can visualise gas, and the training of their already highly skilled technicians to be able to use the system.

### SOLUTION

Pentane, used in the insulation the customer produces, is one of the many gases that is opaque at the particular wavelength (3.2 - 3.4 microns) that this special thermographic camera is tuned into.

ERIKS trained staff are level 2 OGI certified technicians, trained highly to ensure they have the correct knowledge to reduce risk. They tested the Zone 1 Plant Room and were able to detect a leak on the system. Thanks to the ERIKS staff the defect was spotted early enough so the gas leak did not pose a hazard to the site.

### OTHER BENEFITS

- Explosive product detected
- Compliance to HSE guidelines
- Detected in early stages

### FURTHER COMMENTS...

The defect spotted was in the early stages and did not pose a hazard at the time. However if this defect was left unrepaired it would have likely meant a more serious leak occurred which would then have resulted in a gas cloud being produced and a possibility of an explosion on the site.

David Manning-Ohren  
Business Unit Manager  
ERIKS UK

### MORE INFORMATION

#### ERIKS Industrial Services

Amber Way, Halesowen,  
West Midlands B62 8WG

Tel: 0845 006 6000

Web: [www.eriks.co.uk](http://www.eriks.co.uk)