



45.1°C

36.9°C

23.9°C

Thermography Level I Training Course

Utilizing the EyeCGas 2.0
OGI Camera

Course Overview Online & Offline Option

The world's most sensitive handheld OGI camera, the EyeCGas® 2.0, is a fully integratable OGI solution system, now with thermography feature included.

This training course is designed to expand your knowledge of this sophisticated system, allowing for better gas leak detection on the field.

Course Content (online/offline)

- EyeCGas 2.0 - Overview
- Why Thermography?
- OGI Thermography Capabilities
- Level I Thermography Standards

01.

Expand your Knowledge

With this training course, you will expand your EyeCGas 2.0 expertise, taking it to the next level. Thermography-knowledge is vital for obtaining qualitative and quantitative data, upon which predictive and preventive maintenance plans can be made.

02.

Refine your Expertise

Accurate measurement relies heavily on well-practiced thermography skills. Enhance the safety of your equipment and crew by learning key thermographic measurement considerations for a successful inspection. Deepen your understanding of emissivity and reflectivity, and how they impact analysis.

03.

Cut Down on Losses

Enrich your OGI experience by combining the EyeCGas 2.0's thermographic features and our EyeCSite analysis and quantification software. Learn how to utilize you OGI equipment to the max by combining external devices for a more comprehensive risk analysis.

04.

Indisputable Identification

When exercising the EyeCGas 2.0's thermography mode, you get clearer understanding of different displays of heat transfer, proper background depiction, and accurate interpretation of what the thermal imaging data. When you know what you're looking at and what it means, you can better handle any potential mishap.

THERMOGRAPHY LEVEL I TRAINING COURSE

- ☑ Encourage efficient leak detection and repair (LDAR) programs
- ☑ Establish an inter-disciplinary cooperation between environment, technical, safety, and operations specialists.
- ☑ Determine the minimum detection range as per leak amount/rate.
- ☑ Discuss fire and explosion safety procedures.



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Two Optional Courses Are Available (Online/Offline):

4 Days Training Level I Certification Content		2 Days Training No Hands-On Camera
International Standards	✓	✓
Thermographer Responsibilities	✓	✓
Customer Responsibilities	✓	✓
Thermography Basics		
Electromagnetic Spectrum	✓	✓
Infrared Theory	✓	✓
Heat Transfer	✓	X
Thermodynamics	✓	✓
Emission Co-Efficient Importance (Hands-on camera)	✓	X
General Applications Review	✓	✓
Electrical & Rotating Systems		
Inspection Methods	✓	X
Interpretation of the Thermal Image	✓	✓
Compliance with the Criteria & Severity Rules	✓	✓
Preventive Maintenance Principles	✓	X
Analysis & Image Optimization	✓	X
Report Generation	✓	✓
Fire & Explosion Safety Procedures	✓	X
Building Envelope		
Building Components	✓	X
Separating the Exterior Walls from the Interior Walls	✓	X
Foundations, Roof, Windows and Doors.	✓	X
Report Generation	✓	✓
Safety Procedures	✓	✓
Gas Leak Detection	✓	X
Oil & Gas, Petrochemical, Utility & other Industries		
Safety Procedures	✓	✓
Inspection & Measurement Methods	✓	✓
Accessories for Safer Inspection	✓	X
Gas Leak Detection	✓	X
Final Exam (In Writing)	✓	Short Questionnaire
Wall-mounted Thermographer Diploma & Pocket Certification Card with picture	✓	Certificate of Participation