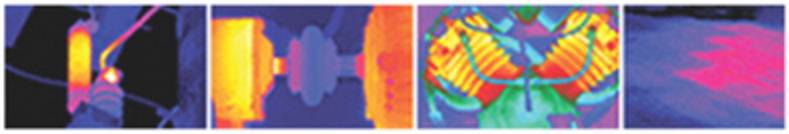
Infraspection Institute Newsletter



News and Information for Professional Thermographers

Volume 15 Issue 4 - April 2026

Director's Message

When performing infrared inspections, thermal anomalies are not always as obvious as one might expect. Often, subtle thermal differences can be indicative of major problems. Because infrared thermography is a visual inspection technique, its effectiveness relies on the observational skills of the thermographer. When conducting an infrared inspection, a thermographer must actively concentrate on the imagery displayed by their thermal imager.

Contrary to popular belief, humans are not inherently good observers. Because humans tend to be casual in their observations, they frequently overlook subtleties. Whenever imaging, a thermographer's eyes should constantly scan the monitor left to right and up and down while asking him/herself the following three questions:

- What am I seeing?
- Why am I seeing this?
- Is this reportable?

While this approach may sound cumbersome at first, this practice will soon become instinctive and can help prevent you from overlooking subtle thermal patterns that can be indicative of serious problems.

Optical Gas Imaging

During the past several years, controlling gas emissions has become a global concern. The recent introduction of purpose-built thermal imagers provides rapid leak detection for a wide variety of

Upcoming Courses

Online Distance Learning

Level I Certified Infrared Thermographer®

- Apr 13 - 16 Brisbane
- Apr 15 - 16 Brisbane *
- Apr 20 - 23 Henderson
- Apr 20 - 23 Charlotte
- Apr 20 - 24 Quezon City
- Apr 20 - 24 Houston
- May 4 - 7 West Windsor
- May 4 - 7 Baton Rouge
- May 4 - 7 Perth
- May 6 - 7 Perth *
- May 4 - 8 Kuala Lumpur
- May 18 - 21 Denver
- May 18 - 21 Rosharon
- May 25 - 29 Quezon City
- Jun 1 - 4 Reno
- Jun 22 - 26 Quezon City
- Jun 25 - 28 Tempe

* Flexible Learning

Level II Certified Infrared Thermographer®

- Apr 13 - 17 Quezon City
- May 18 - 22 Quezon City
- May 25 - 28 Melbourne
- Jun 15 - 18 West Windsor

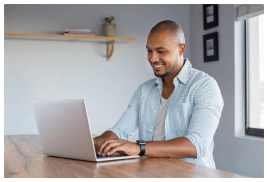
gases. Because Optical Gas Imaging differs from traditional thermography, formal training in this technique is imperative.

Infraspection Institute's IR Thermography for Optical Gas Imaging is a 12-hour theory and application course for the use of thermal imaging to detect and document thermal patterns associated with gas leaks and venting. This course covers infrared theory, heat transfer concepts, equipment selection and operation, detectable gases, inspection procedures, image analysis, report generation, and standards compliance.

Students are trained to identify and document thermal patterns caused by gas leaks or gas venting for numerous types of gases including hydrocarbons, Sulphur Hexafluoride, Carbon Dioxide, Carbon Monoxide, Ammonia, and Refrigerants. Self-directed learning activities are provided to help students gain practical experience. One need not have a camera to successfully complete the course.

More Information

Save Big on TI Reporter™ Software



In addition to streamlining your infrared report writing, now you can save even more money with TI Reporter™ software. For a limited time, annual subscriptions are available at a 15% discount versus our monthly pricing.

Combining cloud technology with state-of-the-art features, TI Reporter™ is the world's first cloud-based thermography reporting software that works with all thermal imagers. Reports can be generated quickly and easily from one's office or while in the field. Because it is cloud-based, TI Reporter™ works with all computer operating systems. There is no need to install any type of program or software onto your computer.

Written by practicing thermographers, TI Reporter™ contains preformatted templates for a wide variety of infrared inspection applications including electrical systems, mechanical systems, building envelopes, flat roofs, underground piping, and steam systems. TI Reporter™ automatically calculates temperature limits for electrical and mechanical equipment and can provide cost savings reports. The software is designed for in-house thermographers as well as thermographic consultants.

More Information

Get a FREE Listing in the International Directory of Infrared Thermographers

IRINFO.ORG recently announced the launch of the International Directory of Infrared Thermographers.

An IRINFO.ORG exclusive, the Directory is a unique opportunity to

- Jun 15 - 19 Quezon City

Level III Certified Infrared Thermographer®

- Jun 22 - 24 West Windsor
- Sep 21 - 23 West Windsor

Full 2026 Schedule

Upcoming Conferences

Infraspection Institute invite you to see us at the following upcoming conferences. Be sure to stop by and say Hello!

EASA

June 14 - 16, 2026
Orlando, FL

Vibration Institute

August 5 - 7, 2026
Fort Worth, TX

IR/INFO Conference

Jan 31 - Feb 3, 2027
Orlando, FL

NETA PowerTest Conference

March 8 - 12, 2027
Orlando, FL

Links of Interest

IRINFO.ORG

TI-Reporter.com

Thermographer Directory

NORMI.TV

A-Rent

get the recognition you deserve and showcase your services to those seeking to find and/or hire professional thermographers.

For a limited time, thermographers may get a FREE listing in the Directory. Applying for a listing may be done online and only takes a few moments.

Premium listings which include your telephone number and a link to your website are also available. Premium listings ensure that your name appears at the top of search results pages and are a great way to gain exposure for your company and increase sales.

Get Listed

Call for Speakers for IR/INFO 2027

Infraspection Institute are pleased to announce that our annual Advanced Training Conference, Technical Symposium and Technology Expo, IR/INFO 2027, will be held January 31 - February 3, 2027 in Orlando, FL.

Now in its 37th year, IR/INFO features four days of networking, learning, and fun in a relaxed, yet professional, family atmosphere. We are presently accepting papers and presenters for IR/INFO 2027. Invited topics include, but are not limited to: safety, emerging applications, building sciences, related NDT, case histories, as well as tips and tricks.

Presentations are typically 20-25 minutes with 5 minutes for questions and answers with the audience. All papers and presentations will be published in the IR/INFO Conference Proceedings. The deadline for abstract submissions is June 30.

More Information

Hit a Home Run!

Become an Infraspection Institute Master Thermographer®
