

Volume 12 Issue 2 - February 2023

Director's Message



The past two years have been filled with many challenges due to the outbreak of COVID-19. While scientists and health care professionals have worked to overcome the most serious health-related concerns, supply chain issues continue to plague many companies around the globe.

Prior to the pandemic, obtaining products and certain replacement parts often required very little lead time. That all changed in early 2020 as it became clear just how fragile the global supply chain really is. Who would have thought that a lack of computer chips from one country could halt manufacturing halfway around the world?

As we begin 2023, it is more imperative than ever to maintain facility assets in good working order. When used as part of a condition-based monitoring or predictive maintenance program, infrared inspections can help to avoid catastrophic failure and the loss of equipment which may be difficult to replace.

IR/INFO 2023 A Phenomenal Success!

Infraspection Institute's IR/INFO Conference was recently held in Orlando, FL. 2023 marks the 33rd anniversary for the advanced training conference, technical symposium and technology expo.

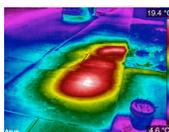


IR/INFO was attended by infrared thermographers, PdM and CBM technologists, and building inspection professionals from around the world who enjoyed four days of networking, learning, and fun in a relaxed and professional atmosphere. We thank our exhibitors, our speakers, and all who attended and helped make this our best conference to date.

Plans for Infraspection's next IR/INFO event have already begun. IR/INFO 2024 will be held at the Rosen Plaza in Orlando, FL from January 14 - 17, 2024. We look forward to seeing you there!

[More Information](#)

Detecting Underground Pipe Leaks



Leaks are a common problem with underground piping systems. Under the correct conditions, infrared thermography can help to detect evidence of leaks from buried piping systems that carry hot or cold product.

When a leak develops in a buried piping system, fluid is lost to the surrounding earth. If a leak from a heated or cooled piping system is sufficiently large, a temperature change will occur at the surface of the ground in the vicinity of the pipe leak.

Leaks from buried piping are generally characterized by amorphously shaped thermal anomalies that appear along the pathway of the subject piping system. The ability to detect a pipe

Upcoming Courses

[Online Distance Learning](#)

[Level I Certified Infrared
Thermographer®](#)

- Feb 6 - 10 West Windsor
- Feb 27 - Mar 3 Melbourne
- Mar 1 - 3 Melbourne*
- Mar 13 - 17 Sydney
- Mar 15 - 17 Sydney*
- Mar 27 - 31 Brisbane
- Mar 29 - 31 Brisbane*
- Apr 17 - 21 West Windsor
- Apr 17 - 21 Perth
- Apr 19 - 21 Perth*

* Flexible Learning

[Level II Certified Infrared
Thermographer®](#)

- Mar 13 - 17 West Windsor
- Jun 12 - 1 West Windsor
- Nov 21 - 25 Melbourne
- Nov 28 - Dec 2 Trinidad

[Level III Certified Infrared
Thermographer®](#)

- Sep 18 - 20 West Windsor

[Full 2023 Schedule](#)

Upcoming Conferences

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

[NETA PowerTest
Conference](#)

March 8 - 12, 2023
Orlando, FL

[NFMT](#)

leak will be influenced by several interdependent factors including, but not limited to: pipe operating temperature, pipe system construction, burial depth, amount of loss, soil type and moisture content, and ground cover.

During the inspection, the thermal imager is maneuvered over the pathway of the pipeline. Well-defined straight lines that correspond to the location of the buried lines generally indicate a healthy piping system. Amorphously shaped thermal anomalies that cannot be explained in terms of piping system construction or features may be indicative of pipe leaks and should be marked and subsequently investigated for cause.

[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](#)

It's Thermography's Super Bowl



[Become an Infraspection Institute Master Thermographer®](#)



March 21 - 23
Baltimore, MD

[SMRP Conference](#)

October 16 - 19, 2023
Orlando, FL

[IR/INFO Conference](#)

January 14 - 17, 2024
Orlando, FL

Links of Interest

[IRINFO.ORG](#)

[The RAM Review](#)

[TI-Reporter.com](#)

[IRFeverScreen.com](#)