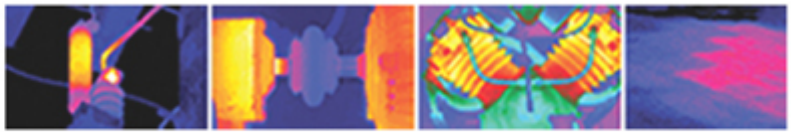
Infraspection Institute Newsletter



News and Information for Professional Thermographers

Volume 11 Issue 2 - February 2022

Director's Message

With this month's Newsletter, I am able to deliver a message that has been in the making for nearly two years. That message is: Open Enrollment Classes Are Back!

Beginning in April, live Infraspection Institute Certified Infrared Thermographer® classes will resume on a regular basis at Mercer County College in West Windsor, NJ. For those ready to return to in-person classes, we welcome you to join us for an upcoming class.

Should you find yourself unable to attend in-person training, we invite you to consider our acclaimed web-based Distance Learning program. Infraspection Institute offer the world's most comprehensive selection of online training courses which includes Level I, II, and III Thermography as well as several application and industry-specific courses.

We look forward to working with you.

IR/INFO 2022 - A Resounding Success!

Infraspection Institute's IR/INFO Conference was recently held in Orlando, FL. 2022 marks the 32nd 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 celebrate the 32nd year of our IR/INFO conference.

Plans for Infraspection's next IR/INFO event have already begun. IR/INFO 2023 will be held at the Rosen Plaza in Orlando, FL from January 15 - 18, 2023. We look forward to seeing you there!

More Information

IR Inspections of

Upcoming Courses

Online Distance Learning

Level I Certified Infrared Thermographer®

- Feb 14 - 18 Sydney
- Feb 21 - 25 Kuala Lumpur
- Feb 21 - 25 Palm Springs
- Feb 21 - 25 Melbourne
- Mar 7 - 10 Edmonton
- Mar 7 - 11 Las Vegas
- Mar 14 - 17 Calgary
- Mar 21 - 25 Melbourne
- Mar 21 - 25 Salt Lake City
- Apr 18 - 22 West Windsor
- Apr 18 - 22 Portland, TX
- Apr 25 - 29 Twin Falls

Level II Certified Infrared Thermographer®

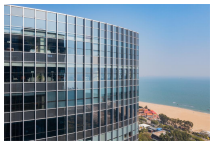
- Mar 7 - 11 West Windsor
- Apr 25 - 29 Kuala Lumpur

Level III Certified Infrared Thermographer®

- Mar 14 - 16 West Windsor

Full 2022 Schedule

Spandrel Glass Panels



Glass curtain walls are a common feature found on modern commercial buildings. Opaque glass panels called spandrels are used to cover materials or prevent construction elements from being viewed from the exterior of the building. Examples of such areas include areas between floors, hung ceiling areas, knee-wall areas below vision lights, and sometimes even columns or partitions.

Depending upon building construction, spandrel glass may be installed as single-thickness panes, as part of insulating glass units, or as laminated glass. When installed as single pane units, spandrel panels are often insulated to prevent excess energy loss; however, construction details will vary between systems.

When performing an infrared inspection of spandrel glass panels, keep the following in mind:

- Prior to the infrared inspection, ascertain building usage and construction. Be aware of HVAC settings and how they are likely to affect observed imagery.
- Spandrel glass panels can vary widely. Determine panel construction and characteristics prior to the inspection.
- When imaging from a building's exterior, significant errors can be introduced by hot/cold reflections from nearby structures or the sky.
- Because spandrel glass often has a low emittance, detected exceptions are likely to have low temperature differentials.

Infrared inspections of spandrel glass should be performed during evening hours with an inside/outside temperature differential of at least 10ºC. Exceptions associated with spandrel glass may appear as hot or cold depending upon building usage, imaging vantage point, and panel construction. As always, detected exceptions should be investigated for cause and appropriate corrective measures taken.

More Information

Save Big on TI Reporter™ Software

In addition to streamlining your infrared report writing, now you can save even more 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 and 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, but not limited to: electrical systems, mechanical systems, building envelopes, flat roofs, underground

Upcoming Conferences

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

Reliable Plant

July 25 - 28, 2022
Orlando, FL

Thermal Imaging Conference

September 19 - 22, 2022
South Lake Tahoe, NV

SMRP Conference

October 17 - 21, 2022
Raleigh, NC

IR/INFO Conference

January 15 - 18, 2023
Orlando, FL

Links of Interest

IRINFO.ORG

The RAM Review

TI-Reporter.com

IRFeverScreen.com

Electric Power Reliability Alliance

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 Pro Bowl

Become an Infraspection Institute Master Thermographer®