Infraspection Institute Newsletter

News and Information for Professional Thermographers

Volume 10 Issue 3 - March 2021

Director's Message

As thermography has matured, thermal imaging equipment has become more sophisticated and user friendly. During the past 20 years manufacturers have developed software that enable thermographers to post process their captured imagery. Typical features include the ability to change color palettes, temperature measurement tools, and the option to change level and gain.

Because thermal imager manufacturers concentrate their expertise on hardware development, they tend to focus on image processing and largely ignore reporting. In fact, most software packages include only rudimentary templates for creating hardcopy reports. These templates are geared to a single application and do not permit the user to create a complete inspection report. The result is that thermographers must utilize multiple, separate software programs thereby wasting a huge amount of time and money.

A recent survey of practicing thermographers found that the perfect infrared reporting software would:

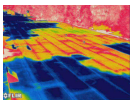
- Be easy to use
- Work with all thermal imagers
- Quickly generate standards-compliant reports
- Operate on all computer operating systems
- Contain multiple preformatted templates for common applications
- Maintain imagery and inspection routes

Responding to the challenges faced by practicing thermographers, T/IR Systems LLC worked with Infraspection Institute to develop TI Reporter™ - the world's first cloud-based infrared report writing and data management software that works with all thermal imagers. TI Reporter™ allows you to generate standards-compliant reports for a wide variety of applications. Simply complete the preformatted templates following the on-screen prompts and add your images.

Utilizing cloud technology, TI Reporter™ offers unmatched mobility and data management. There is no software to install or update and users always have access to the latest version of the software. TI Reporter™ contains several preformatted report templates that are compliant with reporting requirements of published industry standards. Templates are available for infrared inspections of electrical systems, mechanical systems, building envelopes, steam and piping systems, and flat roofs. Customized templates are available upon request.

For more information or to try TI Reporter™ for free, visit www.TI-Reporter.com.

Spring is the Time for IR Inspections of Roofs



With the onset of warmer weather, the harshness of winter is but a fading memory for most. Left undetected, the damage caused by winter's fury is a reality that can lead to premature roof failure. Fortunately, an infrared inspection of your roof can detect evidence of problems before they get out of hand.

Performed under the proper conditions with the right equipment, an infrared inspection can detect evidence of latent moisture within the roofing system often before leaks become evident in the building.

The best candidates for infrared inspection are flat or low slope roofs where the insulation is located between the roof deck and the membrane, and the insulation is in direct contact with the underside of the membrane. Applicable constructions are roofs with either smooth or gravel-surfaced, built-up or single-ply membranes. If gravel is present, it should be less than ½" in diameter and less than 1" thick.

For smooth-surfaced roofs, a short wave (2-5.6 µ) imager will provide more accurate results especially if the roof is painted with a reflective coating. All infrared data should be verified by a qualified roofing professional via core sampling or invasive moisture meter readings.

More Information

Infraspection Online Store

The Infraspection Online Store is a vital resource for practicing thermographers. In addition to official Infraspection apparel, we offer training manuals, reference books and CDs, software, and thermal images. Infraspection Institute Certified Infrared Thermographers® also qualify for free downloads from the store.

Electronic documents such as standards, proposal templates, and the ASNT-Compliant Written Practice are available for immediate download upon transaction approval.

For your convenience, we accept Visa, MasterCard, American Express and Discover. Our secure servers ensure the safety and privacy of your transaction. As always, we do not sell or share our customer lists with other companies.

More Information

Call for Papers for IR/INFO 2022

Upcoming Courses

Online Distance Learning

Level I Certified Infrared Thermographer®

- Mar 8 - 11 Edmonton
- Mar 8 - 12 Las Vegas
- Mar 15 - 18 Calgary
- Mar 15 - 19 Kuala Lumpur
- Mar 22 - 26 Melbourne
- Mar 22 - 26 Santa Fe
- Apr 12 - 16 Las Vegas
- Apr 19 - 23 West Windsor
- Apr 26 - 30 Twin Falls
- May 3 - 7 Kuala Lumpur
- May 10 - 14 Brisbane
- May 10 - 14 Palm Springs
- May 17 - 21 Perth
- May 24 - 28 Tacoma
- Jun 11 Seal Beach
- Jun 11 Salt Lake City

Level II Certified Infrared Thermographer®

- Mar 8 - 12 West Windsor
- Jun 7 - 11 West Windsor
- Jun 21 - 25 Kuala Lumpur

Level III Certified Infrared Thermographer®

- Mar 15 - 17 West Windsor
- Sep 20 - 22 West Windsor

Full 2021 Schedule

Upcoming Conferences

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

Thermal Imaging Conference

September 20 - 23, 2021
South Lake Tahoe, NV

SMRP Conference

October 25 - 28, 2021
Saint Louis, MO

IR/INFO Conference

January 16 - 19, 2022
Orlando, FL

Links of Interest

IRINFO.ORG

The RAM Review

TI-Reporter.com

IRFeverScreen.com

Infraspection Institute are pleased to announce that our annual Advanced Training Conference, Technical Symposium and Technology Expo, IR/INFO 2022, will be held January 16 – 19, 2022 in Orlando, FL. Now in its 32nd year, IR/INFO features four days of networking, learning, and fun in a relaxed, yet professional, family atmosphere.

We are presently seeking papers and presenters for IR/INFO 2022. 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 July 31.

More Information

IR INFO CONFERENCE

Spring Forward

Become an Infraspection Institute Master Thermographer®
