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## Director's Message



Successful thermography begins long before the actual field work commences. The final results for any project depend upon understanding the task(s) to be performed, selection of equipment, operator skills, inspection techniques, and documentation of findings. Failure to understand how these factors contribute to the final conclusions can lead to serious errors. To ensure optimum results, a thermographer needs to understand the nature and reason for the inspection, all equipment and operator limitations, site conditions and how to properly document his/her findings.

The use of infrared thermography for predictive maintenance (PdM) and condition based monitoring (CBM) is now widely recognized. The benefits of infrared thermography coupled with lower equipment costs have led to a greater public awareness of common applications. Research continues to broaden the applications of thermography. Advances in equipment now allow thermographers to routinely perform tasks that could only be dreamed of as little as ten years ago.

Common applications for infrared thermography now include electrical and mechanical systems, building envelopes, insulated roofs, petrochemical processes, transportation and medicine. Before embarking upon a project, a thermographer needs to consider and understand how each of these factors will influence the final results and plan their work accordingly.

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## Training Scholarships for US Veterans

In 2012, Infraspection Institute established the Christopher Seffrin Memorial Scholarship for Veterans as a tribute to those who have served our country. As we observe Veteran's Day this month, Infraspection Institute extend a heartfelt Thank You to our service members and invite you to take advantage of the benefits of this unique training opportunity.



The Christopher Seffrin Memorial Scholarship is open to all US veterans who have served a minimum of four years in the US Armed Forces and have been honorably discharged. Scholarships are funded by Infraspection Institute and may only be applied to courses purchased through the Infraspection Institute website.

Scholarships do not apply to refresher courses and may not be combined with any other discount. Eligible applicants are limited to one scholarship per qualifying course in which they are enrolled up to a maximum of three courses.

Scholarships of up to \$500 are available for Infraspection Institute Certified Infrared Thermographer® training courses and Level I, II, and III thermography courses available through Infraspection's Distance Learning program.

[More Information](#)

## Upcoming Courses

### [Level I Certified Infrared Thermographer®](#)

- Dec 2 - 6 Trinidad
- Dec 2 - 5 Henderson
- Dec 9 -13 West Windsor
- Dec 16 - 20 Kuala Lumpur
- Feb 10 - 14 West Windsor
- Mar 2- 6 San Jose
- April 20 - 24 West Windsor

### [Level II Certified Infrared Thermographer®](#)

- Nov 11 - 15 Melbourne
- Nov 18 - 22 Kuala Lumpur
- Dec 9 - 13 Auburn
- Dec 9 - 13 Trinidad
- Mar 9 - 13 West Windsor

### [Level III Certified Infrared Thermographer®](#)

- Dec 2 - 4 Melbourne
- Mar 16 - 18 West Windsor

### [Full 2019 - 2020 Schedule](#)

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## Upcoming Conferences

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

### [IR/INFO Conference](#)

January 19 - 22, 2020  
San Antonio, TX

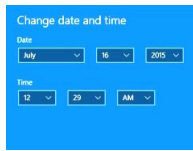
### [Ultrasound World](#)

May 12 - 14, 2020  
Clearwater Beach, FL

### [SMRP Conference](#)

October 19 - 22, 2020  
Columbus, OH

## Do You Have the Correct Time?



Most modern thermal imagers have the ability to record time and date along with thermal images. Taking a moment to ensure that the correct time and date are displayed on your imager before you begin your inspection can help to avoid wasted time and the collection of inaccurate data.

Having the correct time associated with your imagery is important for several reasons. With correctly dated imagery, it is possible to:

- Accurately document when an inspection was performed
- Easily store and uniquely reference image files
- Record the duration of a thermal event

It is always good practice to consciously check your imager's clock each time you start your imager and make any necessary adjustments. Be certain to check the clock periodically during each inspection and whenever the imager is restarted, such as after a battery change or power interruption.

If your imager frequently displays incorrect time, it may be indicative of a defective or dead internal battery. To avoid this problem, arrange for replacement of internal clock batteries whenever you have your imager serviced or repaired.

[More Information](#)

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## Attend IR/INFO 2020 and Get Discounted Training!

In celebration of IR/INFO's 31st anniversary, Infrasppection Institute are pleased to announce several special offers combining the world's most respected infrared training and certification program with the industry's original technical conference.



Several packages are available featuring discounts on Level I, II, and III Infrasppection Institute Certified Infrared Thermographer® training courses and TI Reporter™ software.

Special offers may not be combined with any other discount. Training course vouchers must be used by 12/31/20. Tuition vouchers are transferable to a third party for a \$500 administrative fee.



[More Information](#)

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## Thermography's Highest Honor



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

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## Links of Interest

[IRINFO.ORG](http://IRINFO.ORG)

[CITA.ORG](http://CITA.ORG)

[The RAM Review](http://The RAM Review)

[TI-Reporter.com](http://TI-Reporter.com)

