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Volume 13 Issue 11 - November 2024

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## Director's Message



During the month of November, Americans celebrate two national holidays – Thanksgiving Day and Veterans Day. While Thanksgiving is traditionally thought of as an opportunity to reflect upon the bounty that we enjoy, Veterans Day is also a day for giving thanks and recognition to those who have served our nation.

This year marks the 12th anniversary of [Infraspection Institute's Scholarship program for veterans](#). Since 2012, our scholarship program has provided over \$100,000 in tuition for US service men and women who have enrolled in our Certified Infrared Thermographer® training courses.

To all of our veterans, thank you for your service and the sacrifices you have made. For those still serving our nation, thank you for your continuing service. May God bless all of you and keep you safe wherever your duties take you.

To all of our readers, we wish you a safe and Happy Thanksgiving!

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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 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.

## Upcoming Courses

### [Online Distance Learning](#)

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

- Nov 5 - 8 Winnipeg
  - Nov 11 - 15 Quezon City
  - Nov 12 - 15 Toronto
  - Nov 18 - 22 Saint George
  - Nov 18 - 20 Melbourne
  - Nov 18 - 22 Kuala Lumpur
  - Nov 19 - 22 Ottawa
  - Nov 26 - 29 Moncton
  - Dec 2 - 5 Melbourne
  - Dec 2 - 6 Tempe
  - Dec 2 - 6 Trinidad
  - Dec 3 - 6 St. John's
  - Dec 4 - 5 Melbourne \*
  - Dec 9 - 12 West Windsor
  - Dec 9 - 13 Saskatoon
  - Dec 17 - 20 Calgary
  - Jan 6 - 10 Tucson
  - Jan 20 -24 Santa Barbara
  - Jan 20 - 24 Quezon City
- \* Flexible Learning

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

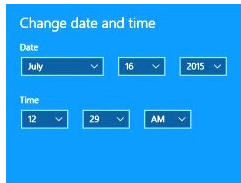
- Dec 9 - 13 Trinidad
- Feb 17 - 21 Quezon City
- Mar 17 - 20 West Windsor
- Apr 21 - 25 Quezon City

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

### [More Information](#)

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## 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 time-stamped 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.

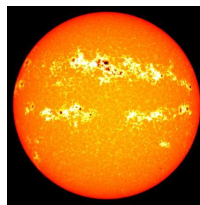
If your imager frequently displays incorrect time, it may be indicative of a defective or dead internal battery. To avoid this problem, arrange for replacement of internal clock batteries whenever you have your imager serviced or repaired.

### [More Information](#)

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## How to Gauge Solar Loading

Did you know that an automobile can be used to gauge solar loading? Under the correct conditions, a parked car can serve as an effective pyranometer.



Many types of infrared inspections rely on solar loading to heat the target so that infrared imaging may be performed successfully.

Applications include, but are not limited to, low slope roof inspections, concrete bridge decks, storage vessel levels and latent moisture within building sidewalls. Ensuring that enough solar loading has occurred is imperative to collecting good data.

Good solar loading conditions are easy to recognize – long days with bright sunny skies, low humidity and no wind. More tricky is being able to determine if less than optimal conditions are allowing for appreciable solar gain.

A time tested method for gauging solar loading is to check the interior of a parked automobile. With the engine stopped and the windows and doors closed, allow the vehicle to sit in the sun for up

- May 26 - 29  
Melbourne

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

- Nov 18 - 20  
Melbourne
- Mar 24 - 26 West  
Windsor
- Jun 16 - 18 West  
Windsor

### [2024 - 2025 Schedule](#)

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## Upcoming Conferences

Infrasppection 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, 2025  
Orlando, FL

### [IIBEC Convention & Trade Show](#)

March 6 - 9, 2025  
Orlando, FL

### [NETA PowerTest Conference](#)

March 11 - 15, 2025  
Orlando, FL

### [NFMT](#)

March 25 - 27, 2025  
Baltimore, MD

### [Vibration Institute](#)

August 6 - 8, 2025  
Newport News, VA

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## Links of Interest

[IRINFO.ORG](#)

to an hour. Immediately upon opening the door, check to see if the vehicle interior has exceeded outdoor ambient temperature. If a noticeable difference is not detected, feel the dashboard to see if it has warmed. If not, it is likely that appreciable solar loading has not occurred and it may be best to reschedule your solar driven inspection for another day.

[More Information](#)

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## Attend IR/INFO 2025 and Get Discounted Training



In celebration of IR/INFO's 35th anniversary, Infraspction 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 Infraspction Institute Certified Infrared Thermographer® training courses and TI Reporter™ software. Discounted group rates are available for four or more persons.

[More Information](#)

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## Punch Your Ticket to Thermography's World Series



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

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[TI-Reporter.com](#)

[Thermographer Directory](#)

[NORMI.TV](#)

[A-Rent](#)