

Volume 11 Issue 10 - October 2022

Director's Message



When it comes to spending year-end budget monies, the phrase 'Use It or Lose It' often applies. Training can be a wise choice for those looking to reduce a budget surplus.

Staying within budget is a constant challenge for maintenance managers. For many, it seems that there is never enough money in the budget. On occasion, however, it is possible to experience a surplus in one's budget when nearing year's end.

When faced with a budget surplus, it is imperative to fully utilize allocated financial resources. Failure to do so can cause a reduction in future budgeting if management perceives that your department is overfunded. When searching for wise choices for year-end spending, training is always a good option.

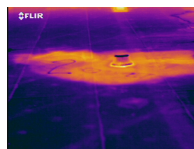
Thermographic training is a sound investment for initiating a PdM program or expanding an existing one. Whenever considering infrared training be certain to:

- Examine course curriculum to ensure that it meets your needs
- Ensure that course will be germane to all infrared imagers
- Determine course locations or availability of Distance Learning courses
- Ascertain if certification is included with course, its expiration date, and renewal fees
- Insist that instructors be practicing thermographers with documented field experience in their area of instruction

Infraspection Institute has been providing infrared training and certification for infrared thermographers since 1980. Our Level I, II, and III training courses meet the training requirements for NDT personnel in accordance with the ASNT document, SNT-TC-1A. Certification and applications courses are offered as [open enrollment](#) or [on-site classes](#) or through our convenient [iLearnIR Distance Learning](#) program.

Preparing Roofs for Winter

With parts of the United States experiencing mild weather, it is hard to think about winter. For many, autumn provides a perfect opportunity to conduct infrared inspections of flat roofs to help ensure that they are ready for the upcoming colder months.



Summer can be especially tough on roofing systems. High temperatures, building movement, and UV radiation often cause cracks and splits in the waterproofing system. Left undetected, these cracks and splits can lead to roof leaks and premature roof failure. Performing an infrared roof inspection prior to the onset of colder weather can detect evidence of problems and help to direct repair efforts.

When performed under the proper conditions and 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. For many locations, autumn provides perfect conditions for conducting an infrared inspection and performing any necessary roof repairs.

Upcoming Courses

[Online Distance Learning](#)

[Level I Certified Infrared Thermographer®](#)

- Oct 3 - 7 West Windsor
- Oct 17 - 21 Kuala Lumpur
- Oct 17 - 21 Thessaloniki
- Oct 17 - 21 Tacoma
- Oct 24 - 27 Edmonton
- Oct 31 - Nov 3 Saskatoon
- Nov 7 - 11 Winnipeg
- Nov 7 - 11 Melbourne
- Nov 14 - 17 Toronto
- Nov 14 - 18 Las Vegas
- Nov 21 - 25 Trinidad
- Nov 28 - Dec 1 Moncton
- Dec 5 - 8 St. John's
- Dec 5 - 8 West Windsor
- Dec 5 - 9 Santa Fe

* Flexible Learning

[Level II Certified Infrared Thermographer®](#)

- Nov 7 - 11 Kuala Lumpur
- Nov 21 - 25 Melbourne
- Nov 28 - Dec 2 Trinidad

[Level III Certified Infrared Thermographer®](#)

- Dec 5 - 8 Trinidad

[Full 2022 Schedule](#)

Upcoming Conferences

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

[SMRP Conference](#)

October 17 - 21, 2022
Raleigh, NC

[IR/INFO Conference](#)

January 15 - 18, 2023
Orlando, FL

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 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 1/2" 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](#)

Attend IR/INFO 2023 and Get Discounted Training!



In celebration of IR/INFO's 33rd anniversary, Infraspection 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 Infraspection Institute Certified Infrared Thermographer® training courses and TI Reporter™ software. Discounted group rates are available for four or more persons.

[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 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 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](#)

Treat Yourself



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