

Volume 8 Issue 12 - December 2019

Director's Message



Recently, while cleaning out some old personal files, my family came across our grandmother's hand-written copy of a classic Christmas poem. Written by Eugene Field, "[Jest 'Fore Christmas](#)" is a 19th century tale that recalls simpler times. The poem's central character is a boy named William. It is likely that this particular work caught my

grandmother's attention since her husband and oldest son were both named William.

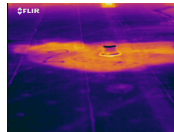
Now, as we read the yellowed and fragile notepaper that bears our grandmother's distinctive handwriting, we can recall many fond memories of her and our family, especially during Christmas. With the holidays and busy year-end schedules upon us once again, we invite you to take the time to make special memories with family and friends and to file them in your heart so that you may easily find them in the future.

To all of our readers, friends, and associates throughout the world, please accept a heartfelt thank you for everything that you do for us all year long. May your holidays be filled with peace and joy and your New Year with good health and happiness.

~ *Jim Seffrin and the Staff of Infraspection Institute*

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.

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

Upcoming Courses

[Level I Certified Infrared Thermographer®](#)

- Dec 2 - 6 Trinidad
- Dec 2 - 5 Henderson
- Dec 9 - 13 West Windsor
- Dec 16 - 20 Conway
- Dec 16 - 20 Kuala Lumpur
- Jan 13 - 17 Tempe
- Jan 27 - 31 Palm Springs
- Feb 3 - 7 Las Vegas
- Feb 10 - 14 West Windsor
- Feb 24 - 28 Palm Springs
- Mar 2 - 6 San Jose
- Mar 9 - 13 Las Vegas
- Mar 16 - 20 Brisbane
- Mar 23 - 27 Melbourne
- Mar 23 - 27 Santa Fe

[Level II Certified Infrared Thermographer®](#)

- Dec 9 - 13 Auburn
- Dec 9 - 13 Trinidad
- Feb 24 - 29 Perth
- Mar 9 - 13 West Windsor

[Level III Certified Infrared Thermographer®](#)

- Mar 16 - 18 West Windsor
- Jun 10 - 12 Melbourne

[Full 2019 - 2020 Schedule](#)

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

[UE World](#)

May 12 - 14, 2020

roofing professional via core sampling or invasive moisture meter readings.

[More Information](#)

Expert Witness Services



As thermography has matured, its usage as legal evidence has increased. Due to its graphic nature, thermal imaging is now regularly utilized in criminal and civil cases by both plaintiffs and defendants. Whether you are defending a claim or seeking to use thermography as evidence, you need a qualified expert on your team.

With nearly 40 years experience in thermography and non-contact temperature measurement, Infraspction Institute have the qualified experts that you need. Our personnel are highly experienced, Level III practicing thermographers with expertise across a broad range of infrared applications. In fact, they have co-authored many of the application and equipment standards that enjoy worldwide use today.

Whether you are an attorney or a party to a case involving thermography, we invite you to give us a call. We will review your case with you and answer any questions that you may have. We guarantee that you will not find more qualified experts anywhere else.

[More Information](#)

Attend IR/INFO 2020 and Get Discounted Training!

In celebration of IR/INFO's 31st 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.

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.

IR/INFO
CONFERENCE

[More Information](#)

For Serious Thermographers Only



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

Clearwater Beach, FL

[Thermal Imaging Conference](#)

September 14 - 17, 2020
South Lake Tahoe, NV
[SMRP Conference](#)

October 19 - 22, 2020
Columbus, OH

Links of Interest

[IRINFO.ORG](#)

[CITA.ORG](#)

[The RAM Review](#)

[TI-Reporter.com](#)