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## Director's Message



In any technology, change is inevitable. Advances in infrared imager technology now provide thermographers with new equipment choices on a semiannual basis. With more options than ever, it is important for thermographers to be able to determine when they should upgrade their imager.

Following the introduction of high resolution (~ 640 x 480 pixels) imagers, many have suggested that thermographers with older imaging systems could suffer a loss of business to those with newer equipment. While increased resolution may seem desirable, of greater importance is matching infrared equipment to the task at hand. For imaging large objects or imaging at close range, imagers with lesser resolution may be sufficient to the task.

In addition to improved image quality, there are technical and sound business reasons to consider an upgrade. These include, but are not limited to, the following:

- Increased portability, functionality, and/or ease of use
- Improved measurement accuracy
- Better availability of service, parts, and calibration
- New business opportunities afforded by new equipment
- Customer demand for new features and benefits

Depending upon the age of existing equipment, there may be financial advantages to upgrading or acquiring new equipment. Typically, a professional accountant can offer the best advice in this area.

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## 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, Infraspection Institute have the qualified experts that you need. Our personnel are highly experienced, Level III practicing thermographers with expertise across a broad range of

## Upcoming Courses

### [Online Distance Learning](#)

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

- Jun 5 - 9 West Windsor
- Jun 26 - 30 Halifax
- Jul 10 - 14 Salt Lake City
- Jul 10 - 14 Houston
- Jul 17 - 21 West Windsor
- Jul 24 - 28 Portland
- Jul 24 - 28 St. John's
- Aug 7 - 11 Colorado Springs
- Aug 14 - 18 Kuala Lumpur
- Aug 14 - 18 Melbourne
- Aug 16 - 18 Melbourne \*
- Aug 21 - 25 Cheyenne, WY
- Aug 21 - 25 Saskatoon

\* Flexible Learning

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

- Jun 26 - 30 West Windsor
- Sep 11 - 15 West Windsor
- Sep 11 - 15 Kuala Lumpur
- Nov 21 - 25 Melbourne
- Nov 28 - Dec 2 Trinidad

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](#)

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## Lightning Safety



Each year lightning kills an average of 67 people in the United States; hundreds more are injured. Few people really understand the dangers of lightning and many fail to act promptly to protect their lives and property.

Thunderstorms are most likely to develop on warm summer days and go through various stages of growth, development, and dissipation. On a sunny day, as the sun heats the air, pockets of warm air start to rise in the atmosphere. When this air reaches a certain level in the atmosphere, cumulus clouds start to form. Continued heating can cause these clouds to grow vertically upward into "towering cumulus" clouds. These towering cumulus clouds may be one of the first indications of a developing thunderstorm.

During a thunderstorm, each flash of cloud-to-ground lightning is a potential killer. Whether a particular flash could be deadly depends on a person being in the path of the lightning discharge. In addition to the visible flash that travels through the air, the current associated with the lightning discharge travels along the ground. Although some victims are struck directly by the main lightning stroke, many victims are struck as the current moves in and along the ground.

Lightning can strike as far as 10 miles away from the rain area in a thunderstorm. That's about the distance you can hear thunder. When a storm is 10 miles away, it may even be difficult to tell a storm is coming. If you can hear thunder, you are within striking distance and should seek shelter immediately.

### [More Information](#)

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## Call for Speakers for IR/INFO 2024

Infraspection Institute are pleased to announce that our annual Advanced Training Conference, Technical Symposium and Technology Expo, IR/INFO 2024, will be held January 14 - 17, 2024 in Orlando, FL.



Now in its 34th year, IR/INFO features four days of networking, learning, and fun in a relaxed, yet professional, family atmosphere. We are presently accepting papers and presenters for IR/INFO 2024. Invited topics include, but are not limited to: safety, emerging

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

- Sep 18 - 20 West Windsor

### [Full 2023 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!

### [BOAF](#)

June 11 - 14, 2023  
Orlando, FL

### [NECA](#)

September 29 - October 2, 2023  
Philadelphia, PA

### [SMRP Conference](#)

October 16 - 19, 2023  
Orlando, FL

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

January 14 - 17, 2024  
Orlando, FL

### [NETA PowerTest Conference](#)

February 26 - March 1, 2024  
Dallas, TX

### [NFMT](#)

March 12 - 14, 2024  
Baltimore, MD

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## Links of Interest

[IRINFO.ORG](#)

[TI-Reporter.com](#)

[NORMI.TV](#)

[A-Rent](#)

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](#)

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## The Credential That Says it All



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

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