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## Director's Message



“Energy nearly gone . . . Must finish . . .” When incorporated into a movie script, such a quote can provide high drama; spoken by a thermographer, it could foretell of temperature measurement errors.

Experienced thermographers know how it feels to be near the end of an inspection only to have a low-battery indicator appear on their instrument's display screen. When fresh batteries are unavailable or far away, thermographers are often tempted to try to finish their inspection without switching batteries.

Although many portable thermal imagers and radiometers are designed to be used with batteries, few thermographers appreciate the impact of supply voltage on temperature measurement. Using infrared equipment with low batteries can cause significant errors in temperature measurement. Because of this, it is imperative to ensure that equipment batteries are always sufficiently charged.

To help avoid measurement errors caused by low voltage, keep the following in mind:

- Only use batteries that are appropriate for your equipment
- Ensure that batteries are charged before each use
- When working in remote locations, carry spare batteries with you
- Change batteries immediately whenever a low-power warning appears

Lastly, when working away from your office, it is a good practice to keep your battery charger(s) handy. Doing so will enable you to recharge dead batteries while you continue to work, helping to ensure that fresh ones are available when you need them.

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## Onsite Training

If you have four or more employees who need infrared training and certification, an on-site training class may be right for you. On-site training classes eliminate employee travel expenses and can be scheduled at your convenience. Best of all, on-site training can be customized to meet your company's specific needs!



## Upcoming Courses

### [Online Distance Learning](#)

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

- Aug 8 - 12 Colorado Springs
- Aug 15 - 19 Portland
- Aug 15 - 19 Sydney
- Aug 22 - 26 Seal Beach
- Sep 12 - 16 Cheyenne
- Sep 26 - 30 Portland, OR
- Oct 3 - 7 West Windsor
- Oct 10 - 14 Portland, TX
- Oct 17 - 21 Kuala Lumpur
- Oct 17 - 21 Tacoma
- Oct 24 - 27 Edmonton
- Oct 31 - Nov 3 Saskatoon

\* Flexible Learning

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

- Nov 7 - 11 Kuala Lumpur

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

- Sep 12 - 14 West Windsor
- Dec 5 - 8 Trinidad

[Full 2022 Schedule](#)

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Since Infrasppection Institute do not manufacture or sell infrared equipment, our courses are presented without marketing hype and are relevant to all brands of thermal imagers. Our training courses are taught using a combination of dynamic multi-media presentations, hands-on demonstrations, and one-on-one interaction with students, all of which are designed to maximize each student's learning experience.

Call us today for a free quotation and let us show you how affordable on-site training can be.

### [More Information](#)

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## Call for Papers for IR/INFO 2023



Infrasppection Institute are pleased to announce that our annual Advanced Training Conference, Technical Symposium and Technology Expo, IR/INFO 2023, will be held January 15 - 18, 2023 in Orlando, FL.

Now in its 33rd 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 2023. Invited topics include but are not limited to: safety, emerging 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 August 31.

### [More Information](#)

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## 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.

## Upcoming Conferences

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

### [Thermal Imaging Conference](#)

September 19 - 22, 2022  
South Lake Tahoe, NV

### [SMRP Conference](#)

October 17 - 21, 2022  
Raleigh, NC

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

January 15 - 18, 2023  
Orlando, FL

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## Links of Interest

[IRINFO.ORG](#)

[The RAM Review](#)

[TI-Reporter.com](#)

[IRFeverScreen.com](#)

[Electric Power Reliability Alliance](#)

[More Information](#)

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## Enhance Your Credibility



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

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