



Volume 11 Issue 7 - July 2022

Director's Message



Advancements in technology have reshaped traditional approaches to education. Students are now able to study a wide variety of subjects, including thermography, from nearly anywhere in the world.

Distance learning may be defined as any situation where the student and the instructor are in physically separate locations. Such instruction may be live or pre-recorded and can be delivered via video presentations, remote teleconferencing, and web-based presentations.

Distance learning provides several advantages over the traditional classroom setting. Chief among these are the elimination of travel costs, 24-hour availability, and increased convenience in scheduling. The availability of distance learning courses for thermography is particularly beneficial to thermographers with hectic schedules.

When selecting distance learning courses for thermography, be sure to determine the following:

- How and when course is delivered
- Length of course and curriculum
- To which standards does course curriculum conform
- Are experienced instructors available to answer questions
- Does course qualify toward thermographer certification
- Experience of training firm in providing thermographic instruction

Infraspection Institute offer the world's most comprehensive inventory of distance learning courses for thermography. Courses include: Level I, II, and III thermography as well as applications courses and industry-specific courses. All courses are ASNT-compliant and are taught by Level III Infraspection Institute Certified Infrared Thermographers[®] each having over 30 year's experience.

Heat Stress and the Human Body

For many, the peak of Summer brings high temperatures to the workplace. For others, high temperatures in the workplace are an everyday occurrence. Understanding heat stress and its associated safety challenges



Upcoming Courses

[Online Distance Learning](#)

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

- Jul 11 - 15 Salt Lake City
- Jul 11 - 15 Melbourne
- Jul 18 - 22 West Windsor
- Jul 25 - 29 Brisbane
- Jul 25 - 29 Seal Beach
- Aug 8 - 12 Colorado Springs
- Aug 15 - 19 Portland
- Aug 15 - 19 Sydney
- Aug 22 - 26 Seal Beach
- Sep 12 - 16 Cheyenne
- Sep 28 - 30 Portland

* Flexible Learning

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

- Sep 12 - 16 West Windsor

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

- Sep 19 - 21 West Windsor
- Dec 5 - 8 Trinidad

[Full 2022 Schedule](#)

Upcoming Conferences

is crucial for those working in hot environments.

Heat stress is a physical hazard. It is caused by environmental conditions and results in the breakdown of the human thermal regulating system.

There are various degrees of heat stress. Each has its own unique symptoms. The most common form of heat stress is heat exhaustion. Symptoms of heat exhaustion include dizziness, confusion, headaches, upset stomach, weakness, decreased urine output, dark-colored urine, fainting, and skin that is pale and clammy.

If you think you are experiencing some form of heat stress, act immediately!

- Advise a co-worker that you do not feel well
- Move to an area away from the hot environment
- Seek shade and cooler temperatures
- Drink water (one 8-ounce cup every 15 minutes) unless sick to the stomach
- Have someone stay with you until you feel better

Before working in a hot environment, consider the type of work to be performed, duration of time to be spent in hot areas, level of physical activity, and other nearby hazards. Always use appropriate PPE and work together as a team.

[More Information](#)

Call for Papers for IR/INFO 2023



Infraspection 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 July 31.

[More Information](#)

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In addition to streamlining your infrared report writing, now you can save even more with TI Reporter™ software. For a limited time, annual subscriptions are available at a 15% discount versus our monthly pricing.



Infraspection 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

Links of Interest

[IRINFO.ORG](#)

[The RAM Review](#)

[TI-Reporter.com](#)

[IRFeverScreen.com](#)

[Electric Power Reliability Alliance](#)

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, but not limited to: 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](#)

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