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Volume 12 Issue 9 - September 2023

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## Director's Message



The month of September is a month of transition for many Americans.

Generally recognized as the end of the summer travel season, early September marks the beginning of NFL and college football seasons, the start of the school year, and for some, the last opportunity to sport white clothing. Most of these traditions are centered around the final major holiday of summer, Labor Day.

With its origins dating back to the 19th century, Labor Day is a celebration of the American labor movement and is dedicated to the social and economic achievements of workers. It constitutes a yearly national tribute to the contributions workers have made to the strength, prosperity, and well-being of their country.

Once celebrated with parades and speeches, Labor Day is now observed with picnics and family gatherings as many Americans take advantage of a long weekend. Wherever your travels take you this holiday, take a moment to reflect upon the contributions made by workers that have helped to shape our country and continue to keep it strong.

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## New Short Course on NFPA 70E

Following the recent publication of the 2024 edition of NFPA 70E, Infraspection Institute have updated our SuccessIRies™ 105 online short course, *NFPA 70E – Are You in Compliance?*

SuccessIRies™ 105 is for all thermographers who perform infrared inspections of energized electrical equipment. This course is designed for in-house and contract thermographers as well as managers of infrared inspection programs. The new version of SuccessIRies™ 105 is a must-see for all thermographers seeking to comply with the latest edition of NFPA 70E.

SuccessIRies™ 105 is designed for beginners and experienced thermographers. The course is 48 minutes long and may be accessed 24/7 from a standard web browser or a smart device.

[More Information](#)



## Upcoming Courses

### [Online Distance Learning](#)

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

- Sep 11 - 15 Albuquerque
- Sep 18 - 22 Houston
- Sep 18 - 22 Brisbane
- Sep 20 - 22 Brisbane \*
- Sep 25 - 29 Bakersfield
- Sep 25 - 29 Calgary
- Sep 25 - 29 Sydney
- Sep 27 - 29 Sydney \*
- Oct 2 - 6 West Windsor
- Oct 9 - 13 San Diego
- Oct 9 - 13 Perth
- Oct 11 - 13 Perth \*
- Oct 23 - 27 Palm Springs
- Oct 23 - 27 Mississauga
- Nov 13 - 17 Houston
- Nov 14 - 18 Albuquerque
- Nov 20 - 24 Kuala Lumpur
- Nov 20 - 24 Halifax
- Dec 4 - 8 West Windsor
- Dec 4 - 8 Tempe

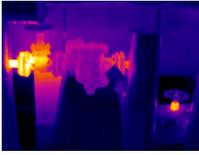
\* Flexible Learning

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

- Sep 11 - 15 West Windsor

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## Steam Trap Testing



With the onset of seasonably cooler weather, now is the time to prepare your steam system for the upcoming heating season. Testing your steam traps before the season begins can help to pinpoint costly leaks prior to winter.

Traditionally, two different non-destructive technologies have been employed to test steam systems – contact ultrasonics and temperature measurement. Used individually, each technique has limitations that can lead to false positive and/or false negative results. Combining temperature measurement with ultrasound can result in a highly accurate test method by following a few simple steps:

- Measure trap inlet to ensure that temperature is above 212° F. If trap inlet is below 212°F, ascertain why steam is not reaching trap
- Listen to the trap outlet with contact probe of ultrasonic unit. Continuous hissing or rushing sounds usually indicate a failed trap
- Ascertain that trap is cycling periodically. Frequent cycling may be caused by an undersized or worn trap
- Tag defective traps and document in a written report
- Re-test defective traps after repair to ensure effectiveness of repair

Always be sure to follow appropriate safety precautions especially when working with high-pressure steam or when using ladders or lift equipment.

### [More Information](#)

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## Early Registration Bonus for IR/INFO Exhibitors

Infraspection Institute are pleased to announce an early registration bonus for exhibitors at our annual IR/INFO Conference. Exhibitors that register and pay for their booth prior to September 15 are eligible to bring a second person at no additional charge. Valued at \$695, this bonus provides full conference access and conference proceedings.



Now in its 34th year, IR/INFO is the original Advanced Infrared Training Conference, Technical Symposium, and Technology Expo. IR/INFO features four days of networking, learning, and fun in a professional, relaxed, family atmosphere. IR/INFO is the largest annual gathering of thermographers.

IR/INFO is scheduled for January 14 – 17, 2024, in Orlando, FL. IR/INFO is a must-attend event for all manufacturers and distributors of infrared equipment, condition-based monitoring tools and services, reporting software, and those who provide products or services of interest to thermographers.

### [More Information](#)

- Sep 11 - 15 Kuala Lumpur
- Nov 21 - 25 Melbourne
- Nov 28 - Dec 2 Trinidad

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

- Sep 18 - 20 West Windsor

### [Full 2023 - 2024 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!

### [NECA Convention](#)

September 28 - October 1, 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](#)

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# Turn Over a New Leaf

[A-Rent](#)



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

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