



Volume 13 Issue 2 - February 2024

Director's Message



With green awareness at an all-time high, facility managers are constantly on the lookout for new ways to save money and energy while reducing their company's carbon footprint.

One of the best opportunities for detecting excess energy loss is steam trap testing. Although defective steam traps can waste thousands of dollars annually, their maintenance is often overlooked. Presently, the estimate for steam trap failures within industrial facilities is 50%. Considering that medium sized facilities may have hundreds of traps, the potential for energy savings is considerable.

Combining thermal imaging with contact ultrasonic testing provides a quick and efficient means for locating defective steam traps. Through timely, effective repairs companies can realize considerable energy savings and reduced emissions.

IR/INFO Conference - A Smashing Success!

Infraspection Institute's IR/INFO Conference was recently held in Orlando, FL. IR/INFO 2024 marks the 34th anniversary for the advanced training conference, technical symposium, and technology expo.



IR/INFO was attended by infrared thermographers, PdM technologists, and building inspection professionals from around the world who enjoyed four days of networking, learning, and fun in a relaxed and professional atmosphere.

Plans for Infraspection's next IR/INFO event have already begun. IR/INFO 2025 will be held at the Rosen Plaza in Orlando, FL from January 19 - 22, 2025. We look forward to seeing you there!

[More Information](#)

New Website Feature - Wear's Infraspection?

Upcoming Courses

[Online Distance Learning](#)

[Level I Certified Infrared Thermographer®](#)

- Feb 5 - 9 Colorado Springs
- Feb 12 - 16 Quezon City
- Feb 19 - 22 West Windsor
- Feb 19 - 23 Kuala Lumpur
- Feb 26 - Mar 1 Long Beach
- Feb 26 - Mar 1 Halifax
- Feb 25 - Mar 1 Gold Coast
- Mar 4 - 8 Melbourne
- Mar 6 - 8 Melbourne *
- Mar 4 - 8 Boulder City
- Mar 5 - 8 Edmonton
- Mar 11 - 15 Quezon City
- Mar 12 - 15 Calgary
- Mar 18 - 22 Sydney *
- Mar 20 - 22 Sydney *
- Mar 25 - 29 Honolulu
- Apr 8 - 11 West Windsor
- Apr 8 - 12 Brisbane
- Apr 10 - 12 Brisbane *
- Apr 15 - 19 St. John's
- Apr 15 - 19 Quezon City
- Apr 22 - 26 Henderson
- Apr 29 - May 3 Perth
- May 1 - 3 Perth *

* Flexible Learning



Since 1980 Infraspection Institute have trained thousands of thermographers worldwide. Wear's Infraspection? is your chance to showcase where your infrared inspections activities have taken you while competing for cash prizes.

To participate, you simply need to email us a photographic image of yourself wearing an Infraspection Institute hat or shirt with an interesting landmark in the background. You are also welcome to substitute Infraspection clothing with a coffee mug or your Certified Infrared Thermographer® diploma. There is no cost to participate and you may enter as many times as you like.

Infraspection Institute will collect all submissions on a monthly basis and select one photo via random drawing. The lucky winner will be notified by email and will receive a \$50 USD gift card or equal credit to the [Infraspection Online Store](#).

More Information

Frostbite and Hypothermia

For many, the dead of winter is upon us. Thermographers working outdoors in cold climates can face serious safety challenges due to frostbite and hypothermia. Knowing the symptoms of these conditions and proper treatment is imperative for worker safety.



Frostbite is a severe reaction to cold exposure that can permanently damage its victims. A loss of feeling and a white or pale appearance in fingers, toes, or nose and ear lobes are symptoms of frostbite.

Hypothermia is a condition brought on when the body temperature drops to less than 90 degrees Fahrenheit. Symptoms of hypothermia include uncontrollable shivering, slow speech, memory lapses, frequent stumbling, drowsiness, and exhaustion.

If frostbite or hypothermia is suspected, begin warming the person slowly and seek immediate medical assistance. Warm the person's trunk first. Use your own body heat to help. Arms and legs should be warmed last because stimulation of the limbs can drive cold blood toward the heart and lead to heart failure. If the person is wet, put them in dry clothing and wrap their entire body in a blanket.

Never give a frostbite or hypothermia victim beverages containing caffeine or alcohol. Caffeine, a stimulant, can cause the heart to beat faster and hasten the effects the cold has on the body. Alcohol, a depressant, can slow the heart and also hasten the ill effects of cold body temperatures.

More Information

Distinguish Yourself

Level II Certified Infrared Thermographer®

- Mar 11 - 14 West Windsor

Level III Certified Infrared Thermographer®

- Mar 18 - 20 West Windsor

Full 2024 Schedule

Upcoming Conferences

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

NETA PowerTest Conference

February 26 - March 1, 2024
Dallas, TX

NFMT

March 12 - 14, 2024
Baltimore, MD

SMRP Conference

October 7 - 10, 2024
Orlando, FL

IR/INFO Conference

January 19 - 22, 2025
Orlando, FL

Links of Interest

IRINFO.ORG

TI-Reporter.com

NORMI.TV

A-Rent



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

