



Volume 13 Issue 12 - December 2024

Director's Message



Recently, I noticed a listing on Apple TV for one of my all-time favorite programs, 'A Charlie Brown Christmas'. As a child growing up in the 1960's, the annual airing of this program was proof that Christmas was just around the corner.

Because there were no reruns on broadcast television, my brothers and I would plan our entire week around watching this special program each year. With a cool soundtrack, the program brought our favorite Peanuts characters to life as Charlie Brown strove to discover the meaning of Christmas. To this day, Linus VanPelt's monologue is one of my favorite holiday memories.

With the holidays and busy year-end schedules upon us once again, I invite you to take the time to make special memories with family and friends and to keep them in your heart where you may easily find them in the future. As we enjoy this holiday season, we extend a heartfelt 'Thank You' to our readers, friends, and associates throughout the world for everything that you do for us all year long. May your holidays be filled with peace and joy and your New Year with good health and happiness.

~ Jim Seffrin and the Staff of Infraspection Institute

Linus' Monologue

Charlie Brown: Isn't there anyone who knows what Christmas is all about?

Linus: Sure, Charlie Brown. I can tell you what Christmas is all about. Lights, please.

And there were in the same country, shepherds, abiding in the fields, keeping watch over their flock by night and lo, the angel of the Lord came upon them. And the glory of the Lord shone 'round about them and they were so afraid. And the angel said unto them, "Fear not. For behold, I bring you tidings of great joy which shall be to all people. For unto you is born this day in the city of David, a savior, which is Christ the Lord. And this shall be a sign unto you, ye shall find the babe wrapped in swaddling clothes lying in a manger."

And suddenly there was with the angel, a multitude of the heavenly hosts praising God and saying, "Glory to God in the highest and on Earth, Peace and Goodwill toward men."

Upcoming Courses

[Online Distance Learning](#)

[Level I Certified Infrared Thermographer®](#)

- Dec 2 - 5 Melbourne
- Dec 2 - 6 Tempe
- Dec 2 - 6 Trinidad
- Dec 3 - 6 St. John's
- Dec 4 - 5 Melbourne *
- Dec 9 - 12 West Windsor
- Dec 9 - 13 Saskatoon
- Dec 17 - 20 Calgary
- Jan 6 - 10 Tucson
- Jan 20 -24 Santa Barbara
- Jan 20 - 24 Quezon City
- Feb 3 - 7 Colorado Springs
- Feb 10 - 13 West Windsor
- Feb 24 - 28 Long Beach

* Flexible Learning

[Level II Certified Infrared Thermographer®](#)

- Dec 9 - 13 Trinidad
- Feb 17 - 21 Quezon City
- Mar 17 - 20 West Windsor
- Apr 21 - 25 Quezon City
- May 26 - 29 Melbourne

[Level III Certified Infrared Thermographer®](#)

That's what Christmas is all about Charlie Brown.

Excerpted from 'A Charlie Brown Christmas' by Charles Schulz

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](#)

Using a Blower Door During an IR Inspection



Data obtained during infrared inspections can often be improved by incorporating other tools. When it comes to building inspections, a blower door can be useful in detecting air leakage sites and helping to gauge the airtightness of a building.

Air leakage is often a major source of energy loss in buildings. Although an infrared imager can help detect evidence of air leakage sites, it cannot pinpoint all air leakage sites nor can it quantify the amount of air leakage occurring. Many thermographers overcome these limitations by utilizing a blower door in conjunction with their infrared inspection.

A blower door consists of an instrumented, high volume fan that is temporarily placed in a doorway to create a positive or negative

- Mar 24 - 26 West Windsor
- Jun 16 - 18 West Windsor

[2024 - 2025 Schedule](#)

Upcoming Conferences

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

[IR/INFO Conference](#)

January 19 - 22, 2025
Orlando, FL

[IIBEC Convention & Trade Show](#)

March 6 - 9, 2025
Orlando, FL

[NETA PowerTest Conference](#)

March 11 - 15, 2025
Orlando, FL

[NFMT](#)

March 25 - 27, 2025
Baltimore, MD

[Vibration Institute](#)

August 6 - 8, 2025
Newport News, VA

Links of Interest

[IRINFO.ORG](#)

[TI-Reporter.com](#)

[Thermographer Directory](#)

[NORMI.TV](#)

[A-Rent](#)

pressure within a building. In depressurized mode, the blower door simulates a wind blowing equally on all sides of the building. Conducting an infrared inspection with the building depressurized enables a thermographer to detect air leakage sites that would not be visible under natural conditions. With special software, it is possible to estimate the relative leakage of a structure as well as the total area of all leak sites.

[More Information](#)

Get a Free Listing in the International Directory of Infrared Thermographers

IRINFO.ORG is pleased to announce the launch of the [International Directory of Infrared Thermographers](#).



An IRINFO.ORG exclusive, the Directory is a unique opportunity to get the recognition you deserve and showcase your services to those seeking to find and/or hire professional thermographers.

For a limited time, thermographers may get a FREE listing in the Directory. [Applying for a listing](#) may be done online and only takes a few moments. Premium listings which include your telephone number and a link to your website are also available. Premium listings ensure that your name appears at the top of search results pages and are a great way to gain exposure for your company and increase sales.

[More Information](#)

Attend IR/INFO 2025 and Get Discounted Training



In celebration of IR/INFO's 35th anniversary, Infrasppection Institute are pleased to announce several special offers combining the world's most respected infrared training and certification program with the industry's original technical conference.

Several packages are available featuring discounts on Level I, II, and III Infrasppection Institute Certified Infrared Thermographer[®] training courses and TI Reporter[™] software. Discounted group rates are available for four or more persons.

[More Information](#)