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## Director's Message



On the 4th of July, Americans will celebrate Independence Day – a national holiday that is distinctly our own.

Independence Day celebrates the adoption of the Declaration of Independence on July 4, 1776, by the Second Continental Congress.

By declaring that the thirteen American colonies regarded themselves as a new nation and no longer part of the British Empire, the United States of America was born. Already at war with Great Britain, it would not be until the end of the Revolutionary War in 1783 that the survival of the United States was assured.

Americans often celebrate Independence Day by hosting or attending picnics or barbecues with friends and relatives. Many attend patriotic parades and ceremonies during the day and public fireworks displays in the evening. American flags and decorations of red, white, and blue are found everywhere.

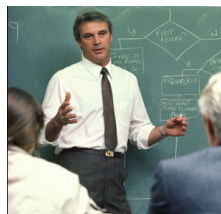
As you celebrate the holiday, I would invite you to take a moment to reflect upon the genesis of our nation and the principles upon which it was founded. Take a moment to reflect upon the freedoms that you enjoy along with the sacrifices of those who made such freedom possible and those who help to ensure its continued existence.

May you enjoy a safe and Happy Independence Day!

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## Join Infraspection Institute's Course Reseller Program

Proper training is essential to the success and longevity of any infrared inspection program. If you are a professional thermographer, distribute infrared or related test equipment, or are involved in professional training, we can help you to increase both sales and profits. An affiliation with Infraspection Institute can also help to increase your company's visibility without compromising your credibility.



With the proliferation of cheaper infrared cameras, competition has become more fierce and profits more scarce. Offering training can

## Upcoming Courses

### [Online Distance Learning](#)

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

- Jul 5 - 9 Kuala Lumpur
- Jul 5 - 9 Brisbane
- Jul 12 - 16 Melbourne
- Jul 12 - 16 Colorado Springs
- Jul 26 - 30 Seal Beach
- Aug 9 - 13 Sydney
- Aug 9 - 13 Cheyenne
- Aug 23 - 27 Portland
- Sep 6 - 10 Kuala Lumpur
- Sep 13 - 17 Tacoma
- Sep 27 - Oct 1 Las Vegas
- Oct 4 - 8 West Windsor
- Oct 18 - 22 Santa Fe
- Oct 25 - 29 Brisbane
- Oct 25 - 29 Edmonton

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

- Jul 26 - 30 Brisbane
- Sep 13 - 17 West Windsor
- Oct 4 - 8 Kuala Lumpur

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

- Sep 20 - 22 West Windsor

[Full 2021 Schedule](#)

not only expand your services and increase profits, it can help provide a long-term relationship that keeps your clients 'on the farm' and close to you.

Because Infrasppection Institute do not sell infrared equipment, our courses are presented without marketing hype. Since we are not affiliated with infrared equipment manufacturers, you can rest assured that your clients are not being hijacked by a competitor. Best of all, you have several options to choose from including open enrollment classes, on-site courses, and our convenient web-based Distance Learning courses.

[More Information](#)

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## A Hidden Danger in Electrical Systems



Although thermography is a non-contact test, preparing for an infrared inspection of electrical equipment often requires manual preparation of switchgear components. Unwary thermographers and their assistants can be injured by making contact with cabinets or component

surfaces that have become accidentally or unintentionally energized.

Switchgear enclosures and components are generally designed to prevent their surfaces from becoming energized. However, under certain circumstances, switchgear enclosures and other dielectric surfaces can become unintentionally energized to significant voltage levels. This potentially lethal condition may be caused by improper wiring, faulty equipment, or contamination due to dirt or moisture.

The above image shows a potential of 265 volts AC between a molded case circuit breaker and ground. This condition was discovered after an unprotected worker received a shock by touching the phenolic breaker handle.

Whenever working on or near energized electrical equipment, treat all devices and enclosures as though they are energized and never touch enclosures or devices without proper PPE.

[More Information](#)

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## Call for Papers for IR/INFO 2022

Infrasppection Institute are pleased to announce that our annual Advanced Training Conference, Technical Symposium and Technology Expo, IR/INFO 2022, will be held January 16 – 19, 2022 in Orlando, FL. Now in its 32nd year, IR/INFO features four days of networking, learning, and fun in a relaxed, yet professional, family atmosphere.



We are currently accepting papers and presentations for IR/INFO 2022. Invited topics include, but are not limited to: safety, emerging

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## Upcoming Conferences

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

### [Reliable Plant](#)

October 19 - 21, 2021  
Louisville, KY

### [SMRP Conference](#)

October 25 - 28, 2021  
Saint Louis, MO

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

January 16 - 19, 2022  
Orlando, FL

### [Thermal Imaging Conference](#)

September 19 - 22, 2022  
South Lake Tahoe, NV

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## Links of Interest

[IRINFO.ORG](#)

[The RAM Review](#)

[TI-Reporter.com](#)

[IRFeverScreen.com](#)

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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## Thermography's Gold Medal



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

