

## Director's Message



Certification and levels thereof are one of the most frequently discussed issues in thermography. With few standards addressing certification, purchasers of infrared inspection services and thermographers often ask, “How

much certification is necessary?”

## Upcoming Courses

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

### [Thermographer®](#)

- Mar 3 – 4 Kuala Lumpur\*
- Mar 10 -11 Auckland\*
- Mar 31 – Apr 1 Anaheim\*
- Apr 3 – 7 Abu Dhabi
- Apr 11 – 15 Kuala Lumpur
- Apr 20 – 21 Melbourne\*
- Apr 25 – 29 West Windsor
- Jun 6 – 10 West Windsor
- Jul 18 – 22 West Windsor
- Jul 25 – 29 Montreal

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

### [Thermographer®](#)

Due to a variety of definitions, certification can have different meanings. As it is used in thermography, certification generally means, “to declare something to be true and/or to attest by issuing a certificate to.”

The American Society for Nondestructive Testing documents, SNT-TC-1A and CP-105 provide suggested curricula, training hours, and amount of experience under the Thermal/Infrared test method.

Because ASNT recommends that listed criteria should be modified to meet an employer’s needs, it is up to an employer to determine his/her client’s needs and to set certification requirements accordingly.

Taken at face value, certification generally indicates one’s level of formal training. This training, combined with experience and knowledge of the system or structure being inspected determine a thermographer’s qualifications.

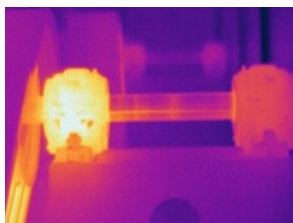
In a larger sense, certification is a measure of a thermographer’s professional qualifications. It is therefore incumbent on the professional thermographer to achieve the highest level of certification possible. The rewards for doing so are both personal and professional and can provide significant financial and competitive advantages.

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## Applications Courses Provide Focused Training

In addition to our Level I, II, and III thermography courses, Infraspection Institute offers a number of applications courses focused on specific areas of thermal imaging. Topics include infrared

inspections of: electrical systems, mechanical systems, and building envelopes. Other topics include thermal imaging for pest detection and



- Mar 14 – 18 West Windsor
- Apr 10 – 14 Abu Dhabi
- May 9 – 13 Kuala Lumpur
- Jun 13 – 17 West Windsor

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

### [Thermographer®](#)

- Jun 20 – 22 West Windsor

\* Flexible Learning Course

### [Full 2016 Schedule](#)

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## Upcoming Conferences

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

### [Ultrasound World XI](#)

May 10 – 13, 2016

Clearwater, FL

### [UI Thermal Imaging Conference](#)

September 18 – 21, 2016

San Diego, CA

### [SMRP Conference](#)

October 17 – 19, 2016

Jacksonville, FL

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

January 22 – 25, 2017

for weatherization of buildings.

Orlando, FL

Typically 16 hours in length, each application course covers infrared theory, heat transfer concepts, equipment operation and selection, inspection techniques and procedures, standards compliance, image analysis, and report generation. Course completion may be applied to training requirements for thermographer certification.

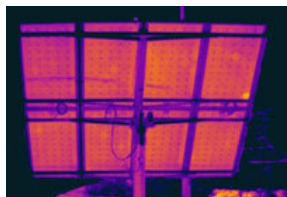
Infraspection Institute applications courses are a cost effective alternative to week-long classes and are perfect as refresher courses. Applications courses are available monthly in several locations worldwide and through our [Distance Learning Program](#).

[More Information](#)

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## Announcing SuccessIRies 109 –

### IR Inspection of Photovoltaic Systems



The use of photovoltaics to generate electricity offers several distinct advantages. Free fuel, silent operation, and zero emissions make this technology attractive worldwide.

Like all electrical equipment, photovoltaic systems are subject to failures both at the time of installation and during the lifespan of the PV system. Left undetected, these failures can compromise the power output of the system and shorten its operational life.

Part of Infraspection Institute's distance learning program, SuccessIRies 109 is a new course that focuses on the use and unique benefits of thermal imaging as a quality assurance tool and as a preventive maintenance technique for installed photovoltaic systems.

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## Links of Interest

[IRINFO.ORG](#)

[Maintenance & Reliability Topics](#)

[NACBI](#)

[CITA.ORG](#)

[Temperatures.com](#)

[Follow Infraspection on Twitter](#)

[Connect with Infraspection on LinkedIn](#)

Designed for beginners and experienced thermographers alike, the course is 33 minutes long and may be accessed 24/7 from a standard web browser or a smart device.

[More Information](#)

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## Call for Papers for IR/INFO 2017

Infraspection Institute is pleased to announce that its annual Advanced Training Conference, Technical Symposium and Technology Expo, IR/INFO 2017, will be held January 22 – 25, 2017



in Orlando, Florida. Now in its 28th year, IR/INFO features four days of networking, learning, and fun in a relaxed, yet professional, family atmosphere.

Infraspection Institute is presently seeking papers and presenters for IR/INFO 2017. 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 25 minutes with 5 minutes for Q & A time with the audience. All papers and presentations will be published in the IR/INFO Proceedings. The deadline for abstract submissions is July 31.

[Submit an Abstract](#)

**IR INFO**  
**CONFERENCE**

