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Volume 13 Issue 4 - April 2024

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## Director's Message



Savvy professionals recognize the importance of capital when undertaking any new project. Failure to properly capitalize a project can have disastrous consequences, particularly when a business does not have the key resources it needs.

Unfortunately, in the aggressive marketing of predictive maintenance (PdM) technologies, it is relatively easy to spawn and perpetuate fallacies regarding the need for certain resources. One prime example is infrared thermography – often associated with the term ‘simply point and shoot’. Coupled with the promise of quick and substantial paybacks, facility managers will readily invest thousands of dollars in hardware and software, only to sometimes be disappointed.

Undercapitalizing manpower is often the greatest threat to PdM and what can ultimately lead to program failure. In setting up a PdM program, the most common mistakes include insufficient staff and training and not enough time for data collection and analysis.

When considering implementation of any PdM program, one must first begin by honestly assessing the amount of manpower required. For maintenance teams already working at capacity, it is unrealistic to expect that existing personnel will have several hours to dedicate to data collection and analysis each month. If necessary, consider adding personnel or redistributing responsibilities to ensure that technicians will have sufficient time available. In addition to technicians, companies must be certain to allocate or hire suitable support staff as well.

To ensure their PdM programs are successful, companies should always seriously consider the necessary human capital – not just hardware and software requirements. The proper investment in PdM technicians and support personnel can pay enormous dividends and help to ensure program longevity.

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## Keeping Track of Imager Components

Keeping track of thermal imager accessories can be a challenge. Modern thermal imaging systems are often supplied with a variety of accessories and attachments that can easily be misplaced or lost. In some cases, not having the correct accessory at hand can

## Upcoming Courses

### [Online Distance Learning](#)

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

- Apr 8 - 11 West Windsor
- Apr 8 - 11 Brisbane
- Apr 10 - 11 Brisbane \*
- Apr 15 - 19 St. John's
- Apr 15 - 19 Quezon City
- Apr 22 - 26 Henderson
- Apr 29 - May 3 Trinidad
- Apr 29 - May 2 Perth
- May 1 - 2 Perth \*
- May 6 - 10 Kuala Lumpur
- May 13 - 16 West Windsor
- May 13 - 17 Quezon City
- May 20 - 24 Denver
- May 20 - 24 Gold Coast
- Jun 3 - 7 Reno
- Jun 3 - 7 Pasadena
- Jun 3 - 6 Adelaide
- Jun 5 - 6 Adelaide \*
- Jun 10 - 14 Moncton
- Jun 24 - 28 Tempe
- Jun 24 - 28 Quezon City

\* Flexible Learning

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

- May 13 - 17 Trinidad
- May 20 - 23 Melbourne

result in the postponement or cancellation of an inspection. Fortunately, there is a simple solution.



Nearly all thermal imagers are provided with compartmentalized carrying cases. These cases usually have die cut foam liners to protect the imager and its components and accessories. Labeling each compartment makes it easy to inventory compartments for the subject item(s). When labeling carrying case compartments, keep the following in mind:

- Locate and store all critical components within the carrying case
- Use high visibility labels that will not readily fall off
- List items and quantities for compartments containing multiple items
- Physically inventory each compartment every time the case is closed

Following these simple steps can help to prevent misplacing valuable components and ensure that your thermal imaging system is always ready for use.

### [More Information](#)

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## Onsite Training



If you have four or more employees who need infrared training and certification, an on-site training class may be right for you. On-site training classes eliminate employee travel expenses and can be scheduled at your convenience. Best of all, on-site training can

be customized to meet your company's specific needs!

Since Infraspection Institute do not manufacture or sell infrared equipment, our courses are presented without marketing hype and are relevant to all brands of thermal imagers. Our training courses are taught using a combination of dynamic multi-media presentations, hands-on demonstrations, and one-on-one interaction with students, all of which are designed to maximize each student's learning experience.

Call us today for a free quotation and let us show you how affordable on-site training can be.

### [More Information](#)

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## Standards for Infrared Inspections

At present, Infraspection Institute publish the most comprehensive list of standards for infrared thermography. Coauthored by numerous expert thermographers, these standards outline industry best practices and are updated regularly to reflect current trends and technology.



Twelve comprehensive standards covering equipment operation, temperature measurement, and specific thermographic applications are available from Infraspection

- May 27 - 31 Gold Coast
- Sep 16 - 19 West Windsor
- Sep 16 - 20 Trinidad
- Oct 14 - 18 Kuala Lumpur
- Oct 28 - 31 Melbourne
- Dec 9 - 13 Trinidad

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

- Sep 23 - 25 West Windsor
- Nov 18 - 20 Melbourne

### [Full 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!

### [Vibration Institute](#)

August 7 - 9, 2024  
Covington, KY

### [SMRP Conference](#)

October 7 - 10, 2024  
Orlando, FL

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

January 19 - 22, 2025  
Orlando, FL

### [NETA PowerTest Conference](#)

March 11 - 15, 2025  
Orlando, FL

### [NFMT](#)

March 25 - 27, 2025  
Baltimore, MD

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Institute. Each standard provides simple and straightforward procedures along with the requirements for properly documenting test results. These documents are a 'must-have' for anyone who specifies, performs, or oversees infrared inspections.

[More Information](#)

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## Call for Speakers for IR/INFO 2025



Infraspection Institute are pleased to announce that our annual Advanced Training Conference, Technical Symposium and Technology Expo, IR/INFO 2025, will be held January 19 - 22, 2025 in Orlando, FL.

Now in its 35th year, IR/INFO features four days of networking, learning, and fun in a relaxed, yet professional, family atmosphere. We are presently accepting papers and presenters for IR/INFO 2025. 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 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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## Hit One Out of the Park



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

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## Links of Interest

[IRINFO.ORG](http://IRINFO.ORG)

[TI-Reporter.com](http://TI-Reporter.com)

[NORMI.TV](http://NORMI.TV)

[A-Rent](#)