![Infraspection Institute Newsletter]

News and Information for Professional Thermographers

Volume 9 Issue 8 - August 2020

Director's Message

Thermography is a versatile nondestructive test technique that has a wide variety of applications. In short, thermography can be applied to any situation where knowledge of heat patterns and associated temperatures across a surface will provide meaningful data about a system, object, or process.

Many systems produce heat as a byproduct of operation. Such systems include electrical distribution systems, machinery, and insulated structures. These systems are generally inspected during normal operation once line-of-sight access is obtained.

Thermography can also be applied to systems that do not produce heat as a byproduct of operations by actively heating and/or cooling the target and observing the resulting images. Systems that are candidates for active thermography include building facades, low slope roofing systems, storage tanks, and composite materials.

When heated or cooled properly, thermal patterns caused by changes in the thermal conductivity or capacitance of the subject system can provide evidence of internal structures, water infiltration, or contaminants. The use of active thermography is growing, especially for inspection of composite materials used in the aircraft, aerospace, and marine industries.

Save Time and Money with Onsite Training

If you have four or more employees who need infrared training and certification, an on-site training class might 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

New Software Slashes Reporting Time & Increases Profit

One of the greatest challenges facing thermographers is the time spent generating reports. Due to inefficiencies associated with most thermal imager software, it is not unusual for thermographers to spend up to 8 hours

Upcoming Courses

Level I Certified Infrared Thermographer®

- Aug 17 - 21 Toronto
- Aug 17 - 21 Colorado Springs
- Aug 24 - 28 Seal Beach
- Aug 24 - 28 Kuala Lumpur
- Sep 7 - 11 Sydney
- Sep 14 - 18 Cheyenne
- Sep 28 - Oct 2 Portland
- Oct 5 - 9 West Windsor
- Oct 12 - 16 Melbourne
- Oct 19 - 23 Brisbane
- Oct 19 - 23 Tacoma
- Oct 19 - 23 Kuala Lumpur

Level II Certified Infrared Thermographer®

- Sep 14 - 18 West Windsor
- Nov 9 - 13 Melbourne

Level III Certified Infrared Thermographer®

- Sep 21 - 23 West Windsor
- Dec 7 - 9 Melbourne

Full 2020 Schedule

Upcoming Conferences

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

SMRP Conference

October 19 - 22, 2020
Columbus, OH

IR/INFO Conference

January 17 - 20, 2021
Orlando, FL

Thermal Imaging Conference

generating a report for each day spent performing an inspection.

Designed with features that speed data entry and eliminate unnecessary steps, TI-Reporter™ has been shown to cut reporting time by up to 80%. For locations with an internet connection, data can be entered while in the field. This allows for real time entry of data and immediate availability of reports which can be emailed to maintenance managers or customers.

By reducing overhead associated with inefficient software, thermographers are available to perform more inspections and profits are increased.

Try TI Reporter™ for Free

Go for the Gold

Become an Infraspection Institute Master Thermographer®

Links of Interest