![Infraspection Institute Newsletter logo and banner - News and Information for Professional Thermographers](logo)

Director's Message

Experienced professionals know the value of spare parts when it comes to facility maintenance. The principle of always being prepared can be successfully applied to an infrared inspection program as well.
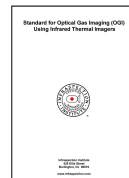
As with any electrical or mechanical device, thermal imaging systems are subject to wear and tear. Having user-replaceable spare parts on hand can help prevent unscheduled downtime for your infrared inspection program. Building a spare parts inventory is easy if you follow a few simple steps:

- Examine your equipment for parts that are subject to physical wear such as eyepieces, switch covers, or hand/neck straps.
- Identify which parts are fragile and most likely to break such as viewfinders or external monitors.
- Determine which items are critical to operation such as power/video cables, batteries, fuses, screws, and external hardware.
- Inventory items which are easily misplaced such as lens caps and flash cards.
- Purchase necessary items as soon as possible to ensure availability of specialty or custom parts. For critical items, be sure to purchase extras.
- Replace spare parts when utilized to maintain inventory.

After building your spare parts inventory, keep mission-critical components in a safe place or with your imager so that you will have them when needed.

New Standard for Optical Gas Imaging

Infraspection Institute are pleased to announce the release of the *Standard for Optical Gas Imaging (OGI) Using Infrared Thermal Imagers*. This comprehensive document outlines practices and procedures for specifying and safely performing infrared inspections for the purpose of optical gas imaging.
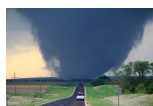
This 14-page document addresses equipment and safety requirements and provides procedures for detecting several types of gases.

The Standard defines the roles of all persons involved in the inspection including the End User, Thermographer, and Qualified Assistant. It also specifies report content for properly documenting infrared inspection results.

More Information

Tornado Safety

With the onset of warm weather, tornado season has arrived. During an average year, tornadoes in the US cause 80 fatalities and 1500 injuries. Knowing what to do before and during a tornado is crucial for survival.

Tornadoes are nature's most violent storms. Spawned from powerful thunderstorms, tornadoes can cause fatalities and devastate a neighborhood in seconds. A tornado appears as a

Upcoming Courses

Online Distance Learning

Level I Certified Infrared Thermographer®

- May 3 - 7 Kuala Lumpur
- May 10 - 14 Brisbane
- May 10 - 14 Palm Springs
- May 17 - 21 Perth
- May 24 - 28 Tacoma
- Jun 7 - 11 Salt Lake City
- Jun 21 - 25 Seal Beach
- Jul 5 - 9 Kuala Lumpur
- Jul 12 - 16 Melbourne
- Jul 12 - 16 Colorado Springs
- Jul 19 - 23 West Windsor
- Jul 26 - 30 Seal Beach
- Aug 9 - 13 Sydney
- Aug 9 - 13 Cheyenne
- Aug 23 - 27 Portland

Level II Certified Infrared Thermographer®

- Jun 7 - 11 West Windsor
- Jun 21 - 25 Kuala Lumpur
- Jul 26 - 30 Brisbane

Level III Certified Infrared Thermographer®

- Sep 20 - 22 West Windsor

Full 2021 Schedule

Upcoming Conferences

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

Thermal Imaging Conference

September 20 - 23, 2021
South Lake Tahoe, NV

SMRP Conference

October 25 - 28, 2021
Saint Louis, MO

rotating, funnel-shaped cloud that extends from a thunderstorm to the ground with whirling winds that can reach 300 miles per hour. Damage paths can be in excess of one mile wide and 50 miles long. Every state is at some risk from this hazard.

Some tornadoes are clearly visible, while rain or nearby low-hanging clouds obscure others. Occasionally, tornadoes develop so rapidly that little, if any, advance warning is possible. The best defense against tornadoes is to be prepared and ready to seek shelter.

Before a tornado, be alert to changing weather conditions.

- Listen to NOAA Weather Radio or to local newscasts for the latest information
- Watch for approaching storms
- Know the danger signs: dark, often greenish sky; large hail; large, dark, low-lying or rotating clouds; loud roar, similar to a freight train

If you see an approaching tornado or are under a tornado WARNING, seek shelter immediately.

- If you are in a structure, go to a pre-designated shelter area or the center of an interior room on the lowest building level. Get under a sturdy table and use your arms to protect your head and neck. Do not open windows.
- If you are in a vehicle, get out immediately and go to the lowest floor of a sturdy, nearby building or a storm shelter. Mobile homes, even if tied down, offer little protection from tornadoes.
- If you are outside with no shelter, lie flat in a nearby ditch or depression and cover your head with your hands. Beware of flying debris and the potential for flooding.

More Information

Call for Papers for IR/INFO 2022

Infraspection 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 presently accepting papers and presenters for IR/INFO 2022. 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

Graduation Day is Here

Become an Infraspection Institute Master Thermographer®

Links of Interest

IRINFO.ORG

The RAM Review

TI-Reporter.com

IRFeverScreen.com