

To The Point

Chubb Risk Consulting Infrared Program

Did you know that Chubb uses infrared thermography to reduce insured losses and was one of the first Insurance companies to use the technology? For over 30 years, our Certified Infrared Thermographers (CITs) have been performing evaluations around the world, which detect and prevent millions of dollars in potential property damage and business interruption.

Benefits

Infrared thermography can reveal potential electrical defects, roof leaks, building moisture intrusion, and improperly operating equipment. The camera does this by detecting temperature anomalies in electrical panels, operating equipment, machinery, flat roofing systems, and within walls or underground. Identifying problems and taking corrective actions before a component fails has many benefits.

- Identify defective conditions to minimize unplanned downtime, emergency repairs, and business interruption.
- Schedule repairs around production schedules.
- Conduct analysis without disrupting electrical service or business operations.
- Improve the useful life of mechanical and electrical equipment.
- Use maintenance resources more effectively, targeting actual defects.
- Enhance safety and reliability.
- Document predictive maintenance monitoring for statutory, standards boards, and corporate reviews.

Certifications and Qualifications

Today, Chubb's Risk Consulting Infrared Program has dedicated Certified Infrared Thermographers (CITs) encompassing all levels of certification and qualification:

Level I: Has achieved basic levels of instruction and experience, is familiar with infrared scope and limitations, records and reports on test results, and receives instruction or supervision from a Level III or designee.

Level II: Can interpret, evaluate, organize and report on testing results, calibration tolerance check equipment, and assist with training Level I when designated.

Level III: Highest level of certification. Sufficiently familiar with infrared testing to establish techniques and acceptance criteria, interpret test results, and assist in training Level I and Level II.

Master Thermographers: In addition to being Level III CITs, have achieved designation in Infraspection Institute's Master Thermographer® Program, a completely new approach to establishing thermographer qualifications. Unlike certifications that rely solely upon the completion of formal training classes, this program is additionally based upon thermographer training, experience, and professional references.

Electrical Evaluation/Infrared Specialists: Oversee Infrared Program, develop IR service strategy protocols, provide Quality Assurance, craft deliverables to meet business needs, and training for Chubb staff.

Technology and Service

Keeping abreast of the latest technology, our team uses FLIR professional-grade IR imagers for client service testing, drone technology for real-time imaging and quick bird's-eye macro views, and personal IR imagers for everyday pinpoint assessments. Chubb Client Service IR inspections result in an average of 3 findings per scan and an average potential savings of over \$300,000.

Infrared thermography is performed for select insureds and is also available on a fee basis through Chubb's Sold Services.

Learn More & Connect

For more information on protecting your business, contact your local risk engineer, visit the [Chubb Risk Consulting Library](#), or check out www.chubb.com/riskconsulting.

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