



May 20 - 23, 2024 - Auckland

Register for our Category I Course

May 20 - 23, 2024 - Auckland (Albany Executive Motor Inn)

The Cat 1 Infrared Thermography Training Course is geared to the new infrared camera user and focuses on its use for a variety of condition monitoring/predictive maintenance applications. Attendees completing all training course requirements and a thermography field assignment will receive a Cat 1 Infrared Thermography Certification.

Course Description

Benefit

- Introduction to thermal imaging and measurement systems for predictive maintenance applications.
- No experience in thermography is necessary!
- Collect quality data, accurate temperature readings, and account for measurement effects such as distance and emissivity using infrared cameras.
- Interpret thermograms and make informed decisions using heat transfer concepts to analyze thermal images, and see the latest in infrared inspection report generation and database software.
- Avoid costly mistakes - learn to distinguish between hot spots and reflections, direct vs. indirect readings and qualitative vs. quantitative thermography.
- Challenge yourself with field applications labs that closely simulate real-world infrared applications.

Recognition

All ITC thermographers are certified against one or more of the following standards:

- EN473 recommendations for qualification and certification of non-destructive testing (NDT) personnel, as established by the European Federation and accepted by the American Society of Mechanical Engineers (ASME);
- ISO 9712 specifying proficiency in infrared thermographic testing as related to the qualification and certification of personnel involved in non-destructive testing (NDT), as established by the International Organization of Standardization (ISO) TC 135/SC 7;
- ISO 18436-8: Requirements for thermography training and certification of thermography personnel in condition monitoring and the diagnostics of machines, as established by the International Organization for Standardization (ISO) TC 108/SC 5.

Your Presenter

Brad Muir is a Certified Level III Thermographer and regularly attends international conferences to keep at the forefront of this increasingly important technology. Brad runs his own thermal inspection business and has been doing thermal inspections for clients throughout New Zealand since 2012. He covers all aspects of thermography including electrical/mechanical, moisture detection, cool store evaluation, UAV inspection and acoustic assessment. His clients include Power Utilities, Heavy and Light Industrial companies, Commercial and Domestic. Brads practical knowledge and know how will ensure attendees from a wide cross section of markets will get the most out of the course.

COST

\$2,550.00 NZD/person + GST, which includes examination and certification.

A 5% discount is offered for additional attendees from the same company.

Your place will be reserved and guaranteed upon receipt of payment.

Duration: Four consecutive days.

If you need more information about the course, please contact info@pro-test.co.nz.