

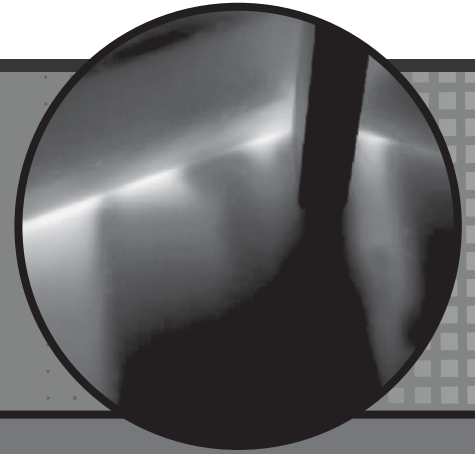
# Thermal Imaging Training Course

ITC Accredited

**LoCall 1890 25 26 47** (Lines Open 9am-9pm Mon-Sun)



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TRAINING TOMORROWS SKILLS TODAY



## Training Aim:

The Level I 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 an thermography field assignment will receive a Level I Infrared Thermography Certification.

## Training Objectives:

The aim of this course is to introduce students to the science of thermography, how and when thermography may be used, and how thermal imaging works. A large proportion of the course will be dedicated to teaching students how to use the camera:

- How far to position the camera from the object being scanned
- The effects of distance
- Temperature required
- Camera sensitivity to change

## Outline Syllabus:

- Heat and Temperature
- Basic infrared theory's
- Equipment and Practices
- Measurement
- Basic Heat Transfer Theory
- Camera / Software introduction
- ITC Certification examination

**Learner Entry Requirements:**  
Level 3 Certificate or Junior Certificate

## Training Method:

Our comprehensive course materials were specifically designed by matching the course content against the real world experience of lecturers and industry professionals.

## Trainer Profile:

Infrared courses are developed and taught by ITC's ASNT Level III and EPRI Level III Instructors. ITC's domestic and international infrared training staff includes 5 ASNT NDT Level III thermographers with over 100 years combined infrared thermography applications experience. The Level I infrared training courses are taught by certified instructors with extensive experience in a wide variety of infrared thermography and thermal imaging applications.

## Training Facilities:

Classroom, LCD Projector, Laptop PC with Power Point, Screen, Flip Chart

## Assessment Method:

All assessment is carried out in accordance with ITC regulations. Assessment is devised and monitored by ITC, with external moderation by FETAC.

## Certification:

Successful Level I Thermography Training course completion provides Level I Thermographer Certification. ITC's Level I Infrared Course meets all Level I ASNT-SNT-TC-1A recommendations for thermal/infrared testing, as established by the American Society for Non-Destructive Testing (ASNT).

**Cost: €1995 Training Duration: 5 Days, 9am-5pm**