



SMARTGATE

INTERNATIONAL COMPETENCY TRAINING

CATALOG 2019

LEVEL 2

ITC INFRARED THERMOGRAPHY

OVERVIEW

The Level 2 infrared thermography training course is designed for the practicing Level I thermographer who is interested in more advanced infrared training. This infrared training course focuses on strengthening and improving thermography skills for condition monitoring and predictive maintenance applications. Attendees completing Level II infrared course requirements will receive an ITC Level II thermography certification.

OBJECTIVE

- Reinforce Level 1 infrared training concepts with refresher material covering the latest infrared camera, technology and thermal imaging application developments.
- Avoid costly mistakes - ITC experts review and explain the common misconceptions and misapplications of infrared thermography.
- Learn the basics of predictive maintenance thermography and overall infrared inspection program development.
- Refine your image analysis and interpretation proficiency with in-depth thermal imaging survey and measurement techniques for predictive maintenance applications.
- Improve your thermal analysis skills with more challenging laboratory and infrared field applications labs.

CONTENT

- Introduction
- Review of Basic IR camera user interface, menu description and navigation, operational tips and tricks and key elements to getting a good IR image
- Infrared Theory / Radiosity / Applied Radiometric
- Heat Transfer Principles
- Spatial Resolution
- Camera Workshops / Lab Exercises
- Software Lab for Image Analysis and Advanced Report Preparation
- Condition Monitoring Program Development Overview
- Solving Real World problems in a Condition Monitoring
- Environment (Applications)
- Lab Presentations
- Review
- Final Exam
- Exam Review
- Field Assignment Requirements
- Thermography Safety
- Mechanical Applications
- Building Applications
- Review
- Final Exam

CERTIFICATION

Level 2 learning objectives, contact hours, and written exam are based on requirements outlined by ANSI/ASNT CP-105 and CP-189 of the American Society for Non-Destructive Testing.

ITC Certification is the gold standard qualification within the thermography industry and exceeds the requirements of international standards

SCHEDULE

- 25 – 29 Mar
- 29 Jul – 02 Aug
- 18 – 22 Nov

LOCATION

- Jabodetabek dan luar kota (ketentuan berlaku)

REGISTRATION END

- 25 February 2019
- 28 June 2019
- 18 October 2019

NOTE

- Registration form, Policies & Procedures are enclosed



SMARTGATE

PT INDO MAHAKARYA GEMILANG
Gandaria 8 Office Tower 8th Floor
Jalan Sultan Iskandar Muda,
Arteri Pondok Indah, Jakarta 12240
Customer Service: 0812 9800 0202
Email: info@smartgate.co.id
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REGISTRATION FORM

Please complete the form in BLOCK LETTERS.

Fax or email it to SMARTGATE at least 1 (one) month prior to the training.

TRAINING INFORMATION

Title :
Schedule :

STUDENT INFORMATION

Full name :
Date of birth :
E-mail :
HP number :
Job Title :

COMPANY INFORMATION

Name :
Industry :
Address :
Website :
Phone :
Fax :

INVOICING

Address :
Requirements :
Contact person :

- Name :
- Phone :

I, hereby, declare that the above information is accurate. I understand that SMARTGATE has the rights to reject my application if any information is missing or inaccurate.

SMARTGATE reserves the right to change the dates, time, venue and trainers of the training scheduled due to circumstances beyond its control.

Signature*:

Date:

**with company stamp*



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POLICIES AND PROCEDURES

REGISTRATION FORM

- Registration is received at the latest 1 (one) month prior to training schedule.
- Official signed registration form is a valid document as Service Order from customer. Official Service Order and other documents needed are required for validation and administration process.

CONFIRMATION

- Training will be run after the minimum quota fulfilled.
- A confirmation letter will be sent out upon acceptance 3 (three) weeks before training commencement
- Place(s) will not be confirmed until we are in receipt of a completed booking form and once full payment has been received.

COURSE FEE

- The course fee is excluding PPN 10%
- The course fee is excluding transportation and accommodation of participant
- The course fee is including training material, lunch and coffee break

TERMS OF PAYMENT

- 100% course fee must be paid 3 (three) weeks prior to training schedule, after receive confirmation.

CANCELLATION FEE

- 100% cancellation fee of the course fee will be applied if participant or company cancels the registration after submitting Service Order or Official Registration Form.