Infrared Thermography

Thermography can be used to monitor the condition of structures, plant machinery, and systems. It is a predictive maintenance technique using an infrared camera designed to monitor the emission of infrared energy. Infrared Thermography is a useful tool for maintenance of electrical and mechanical industrial systems.

Using infrared technology effectively within a predictive maintenance program is all about collecting and interpreting the thermal data correctly. In this one-day seminar you learn these valuable techniques, avoid common pitfalls and mistakes, and create a steep learning curve for you to immediately go back and apply what you have learned.

WHAT THIS COURSE COVERS

- Correct operation of an infrared camera in obtaining the most accurate thermal data
- Interpreting the thermal data and determination of next steps for preventative and predictive maintenance
- Use of techniques to monitor electrical equipment, HVAC systems, motors, bearings and more

COURSE OUTCOMES

- Apply industry best practices of infrared thermography within your predictive maintenance program.
- Application of effective techniques for the operation and use of infrared cameras
- Interpret data correctly to increase equipment reliability and minimize downtime

WHO SHOULD TAKE THIS

- Electricians, Mechanics and Maintenance Technicians
- HVAC Technicians
- Plant and Facility Engineers, Managers and Superintendents
- Environmental Health & Safety Personnel
- Energy Management Personnel

COURSE FEATURES

- Review of Thermography Basics.
- Understand the Components and Systems of Steam Boilers
- Practical Application for Chilled Water Systems
- Overview of Common Pitfalls while using Infrared

Consider these courses: *Predictive Maintenance Introduction* and *Vibration Analysis.*

☑ Lecture   ☐ Hands-on   •   **ONSITE:** 1-day (8 hours)   •   **LIVE ONLINE:** 1-day (8 hours)

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