

Electrical Applications

Two-day IR specialty course*

This 16-hour course is designed to give practicing thermographers an in-depth understanding of applied thermography focused specifically on inspecting electrical systems and related equipment.

The class covers the inspection of electrical equipment from the utility substations right down through to low-voltage equipment. Review of case studies, interpretation of thermal images and root-cause failure discussions all form the basis of this course.

Attendees learn inspection techniques based on accepted industry and international inspection procedures.

*Level I or extensive thermographic experience is a recommended pre-requisite for this course.

Course description

Course topics and applications

- Transmission and distribution systems
- Exterior substations and components
- Transformers, circuit breakers, and bus work
- Motor control centers, panels, and components
- Motors, generators, batteries, and power supplies
- DC systems and circuits
- Inspection parameters, procedures, and electrical safety
- Reporting, severity assessment, and prioritization
- Infrared inspection windows/viewports
- Using ultrasonics, MCA and other technologies
- Adding high-emissivity targets
- Proper inspection methodologies and procedures

For more information go to www.fluke.com/infraredtraining or contact your local authorized Fluke representative.

Fluke authorized training is provided by our partner,



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