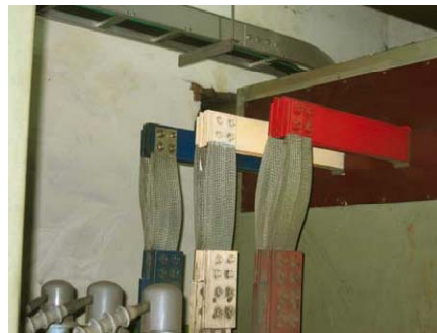


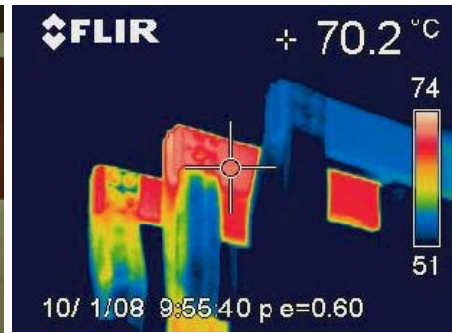
TDSTI

Infrared Training & Certification Courses

ASNT Standard CP-105 and SNT-TC-1A



Visible No. 7
Transformer S/N 856157
Assembly Area
Low Voltage Buss
Middle Phase / Buss Connection



Therm No. 7
Severity - Class 1 @ 22° C
Transformer S/N 856157
Assembly Area
Low Voltage Buss
Middle Phase / Buss Connection

TDSTI – a leader in electrical and I&C skills training and OSHA safety training has added 5 new infrared courses that combine electrical troubleshooting skills with thermography skills to bring you a course that teaches what to look for, how to use thermography and what the resultant data means.



Technical Diagnostic Services Training Institute
15825 Trinity Blvd.
Ft. Worth, Texas 76155
800.225.7271
www.technicaldiagnostic.com

The Technical Diagnostic Services Training Institute (TDSTI) is pleased to announce the addition of 5 infrared training certification courses to our existing catalog of electrical, instrumentation and OSHA training programs.

TDSTI's infrared courses combine training on the use of thermography as a diagnostic tool and electrical equipment and systems basics to know what to look for and what it means!

Training Classes

Infrared Inspection of Electrical Power Systems 16 Hours

Students will learn basic infrared theory as it applies to infrared inspection of electrical systems. This is a two-day theory and application course for the use of thermal imaging to locate and evaluate problems in electrical distribution systems. This course covers infrared theory, heat transfer concepts, equipment operation and selection, standards compliance, image analysis and report generation. Students are trained to identify and document thermal patterns caused by improper design, workmanship or material failure.

For detailed information visit us on the web at: www.technicaldiagnostic.com/training.html

Infrared Inspections of Electro-Mechanical Power Systems 24 Hours

Students will learn basic infrared theory as it applies to infrared inspection of Electro/Mechanical Systems. This is a three-day theory and application course for the use of thermal imaging to locate and evaluate problems in electrical distribution and mechanical systems. This is a non-certification course that focuses on these specific applications. This course covers infrared theory, heat transfer concepts, equipment operation and selection, standards compliance, image analysis and report generation.

For detailed information visit us on the web at: www.technicaldiagnostic.com/training.html

Certification Courses

Infrared Training for Level I Certification 36 Hours

Designed for students looking for Level I Infrared Thermography Certification. ASNT Standard CP-105 and SNT-TC-1A Students requires high school diploma or equivalent. Student is required to capture radiance in field of view. Students will learn how to properly use infrared cameras and calculate temperature measurements. Students will learn infrared thermographic interpretation through class lessons and supervised in-field examples. Many thermography applications will be covered throughout the class.

For detailed information visit us on the web at: www.technicaldiagnostic.com/training.html

Infrared Training for Level II Certification 36 Hours

Designed for students looking for Level II Infrared Thermography Certification. (ASNT Standard CP-105 and SNT-TC-1A requires High School diploma plus 32 hours from accredited engineering school or 18 months in required field). Prerequisite - Level I Certification - "student is required to assign a numerical value to the target in the field of view". Students will further their operating skills with the infrared camera, develop new inspection procedures and applications, advance your infrared P/PM program or consulting services, utilize IR trending or software programs, perform advanced NDT applications and attain superior measurement skills for improved accuracy and diagnosis.

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Infrared Training for Level III Certification

24 Hours

Designed for students looking for Level III Infrared Thermography Certification. (The Level-III shall be responsible for designing and implementing a written practice in accordance with the employer's needs - he/she will oversee the Level I & Level II requirements and performance) Prerequisite - Level II Certification - Responsible for SNT-TC-1A's Scope, Definitions, Levels of Qualification, Written Practice, Education & Training, Examinations, Certifications and Terminations. This course covers advanced topics related to developing, implementing, and managing a successful infrared inspection program. Topics include: latest applications, hardware & software, current industry standards & specifications, OSHA and NFPA safety standards, marketing and promoting an infrared inspection program, Thermography as legal documentation, heat transfer analysis software, current industry certification criteria, and how to develop and implement standards-compliant written practices and procedures.

For detailed information visit us on the web at: www.technicaldiagnostic.com/training.html

What differentiates TDSTI's infrared courses from the others is that:

TDSTI's infrared courses combine training on the use of thermography as a diagnostic tool and electrical equipment and systems basics to know what to look for and what it means!

For additional information visit our website www.technicaldiagnostic.com
or Contact John Huddleston - Training Manager at:
817.465.9494 x237
training@technicaldiagnostic.com

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