



IPC J-STD-001 Certified IPC Trainer (CIT) Certification/Recertification & Challenge

Overview

As an authorized training provider, the EMPF offers IPC certification to our IPC J-STD-001 customers. The program is very similar in operation and content to the program developed and implemented many years ago at the EMPF. It provides an in-depth study as well as hands on application of the National Standard for Soldering and provides all the materials necessary to conduct operator training for the successful student candidate. All of the advantages of an accredited certification program apply to this industry association program, such as; industry communication links to the experts, customer recognition, and credibility. Take advantage of the availability of our industry experts who helped develop this important industry standard. Learn from the experts at ACI's EMPF.

Who Should Attend

Technical trainers, solder training instructors, process engineers, manufacturing supervisors or lead technicians who are responsible for the assembly of equipment built to the requirements of IPC J-STD-001C.

Course Content

In-depth study of the technical requirements of IPC J-STD-001C including:

- ◆ Intensive hands-on soldering skills workshop
- ◆ Scope and general requirements
- ◆ Applicable documents
- ◆ Materials
- ◆ Components
- ◆ Assembly process
- ◆ Assembly soldering processes
- ◆ Cleanliness requirements
- ◆ Safety in electronics
- ◆ Coating and encapsulation
- ◆ Rework and repair
- ◆ Product assurance
- ◆ Flow down of requirements
- ◆ Instructor skills
- ◆ Controlling processes
- ◆ Defects and process control
- ◆ Machine assembly req's.

Benefits

- ◆ Learn the technical requirements of the IPC J-STD-001C.
- ◆ Understand the guidelines prescribed by IPC J-STD-001C for tools, equipment, SMD placement, PTH component mounting, material and process compatibility and SPC.
- ◆ Learn the differences in workmanship and inspection criteria for the three (3) equipment classes covered by IPC standards.
- ◆ Receive a CIT Instructor Student Hand Book, IPC J-STD-001C Instructor Guide, CD-ROM, 12 open/closed book Certified IPC Specialist exams, IPC J-STD-002, IPC J-STD-003, IPC J-STD-004, IPC J-STD-005, IPC J-STD-006, IPC 9191, IPC HDBK-001.
- ◆ Graduates receive a CIT certificate from an IPC certified Master Instructor.
- ◆ Recertifications and 'Challenges' are also available.

Duration

- ◆ Certification - five days
- ◆ Recertification - two days
- ◆ Challenge - one day

Information & Registration

Contact the EMPF Learning Center at:
 phone: (610) 362-1320
 email: registrar@empf.org
 website: www.empf.org

