



J-STD-002/003 SOLDERABILITY TESTING PROGRAM

J-STD-002 / J-STD-003

TRAINING

- Expert Training in the Latest Technologies
- Industry-Demanded Certifications

PCB TECHNOLOGY

Quality & Inspection

- IPC-A-610 Instructor & Operator Certification

Soldering & Assembly

- IPC J-STD-001 Instructor & Operator Certification

Bare Board Inspection

- IPC-A-600 Instructor & Operator Certification

Rework & Repair

- IPC-7711 & IPC-7721 Instructor & Operator Certification

Hand Soldering Skills

- Soldering Basics, Wires & Terminals, Through-Hole and Surface Mount Training

PCB Fundamentals

- Component Identification
- Electrostatic Discharge

CABLE & WIRE

HARNESST TECHNOLOGY

Quality & Inspection

- IPC-A-620 Instructor & Operator Certification

Hands-On Labs

- Crimping & Harness Assembly Training

TECHNICAL SUPPORT

- Manufacturing Start-Up
- Process Evaluation
- Subcontractor Qualification
- Equipment Evaluation
- Lead-Free, ESD, Process and Quality Audits

COURSE DESCRIPTION

This 1 day lecture course utilizes the J-STD-002, Solderability Tests for Component Leads, Terminations, Lugs, Terminals and Wires and, J-STD-003, Solderability Tests for Printed Boards, specification as the texts for the program. The program discusses the interpretation of the solderability tests and provides information on the types of test methods used to measure solderability of components and printed boards. The course also discusses defect definitions, acceptance criteria and provided illustrations for assessing the solderability of the components and printed boards. The program was developed to provide enhancement and supplementary information to increase the knowledge and skills of people who are using the IPC documents for manufacturing and process controls.

WHAT YOU WILL LEARN

- How to use the documents
- Understand how to conduct tests for various components and boards
- Be able to distinguish the differences between the Board Categories' of surface conditions
- Be able to determine the acceptability of the testing results
- Know when to conduct steam aging test

WHAT STUDENTS RECEIVE

- J-STD-002
- J-STD-003
- Certificate of Attendance

PREREQUISITES

An understanding of the English language, both oral and written is all that is required to benefit from EPTAC's J-STD-002/003 Solderability Testing Program. ESL Students are encouraged to inquire.

CLASS SIZE

Maximum number of students is limited to ten (10) in order to provide greater instructor interaction and a complete hands-on experience. Call early to reserve your space.

COURSE OUTLINE

- Overview of J-STD-002 and 003
- Scope and Purpose of documents
- Terms and definitions
- Equipment
- Test Methods and graphs
- General requirements
- Test Procedures
- Visual Inspection

MATERIALS For each class, all the necessary tools and materials will be supplied. Students are welcome to bring their own documents if they wish.

LOCATION Classes are held at EPTAC's Corporate Training Center located just 35 miles from Boston and at locations throughout the US and Canada.

ON-SITE TRAINING Please call a training consultant and ask about customized course content, on-site training and training around your production schedules.

REGISTRATION For up to date pricing and more information on any of the EPTAC programs, or to enroll, please call us toll free or visit eptac.com.

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