



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
- IPC-6012 Instructor & Operator Certification

Rework & Repair

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

Hand Soldering Skills

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

PCB Fundamentals

- Component Identification
- Electrostatic Discharge

PCB Design

- IPC Designer & IPC Advanced Designer Certification

COUNTERFEIT COMPONENTS

IDEA-STD-1010

- Seminars & Workshops
- IDEA-STD-1010 Essentials
- SAE AS5553 Counterfeit Electronics

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

J-STD-001 SPACE ELECTRONICS HARDWARE ADDENDUM

Optional Module to IPC's J-STD-001 Instructor, Operator and Standard Expert Training & Certification Program

J-STD-001

Optional, half-day course. May be attended in conjunction with the J-STD-001 Certified IPC Trainer (CIT), Certified IPC Specialist (CIS) or Certified Standards Expert (CSE). Students must bring their own copy of the J-STD-001.

COURSE DESCRIPTION

The J-STD-001 Space Electronics Hardware Addendum provides additional requirements over those published in IPC J-STD-001 to ensure the reliability of soldered electrical and electronic assemblies that must survive the vibration and thermal cyclic environments experienced while traveling and operating in space.

This half-day program consists of a lecture which will identify and review each section of the addendum, followed by a single open book exam.

WHO SHOULD BECOME CERTIFIED

Suppliers to NASA and others who are mandated to use J-STD-001 Space Electronics Hardware Addendum are required to have workers trained and certified to this IPC J-STD-001 course for Specialist (CIS, Instructor (CIT) and Expert (CSE) level training. This includes trainers, quality supervisors, engineers and manufacturing supervisors with assembly responsibilities.

PREREQUISITES

All attendees must be certified to the latest J-STD-001 revision. CIS attendees must be certified in Module 1 and at least one other module before attending the J-STD-001 Space Electronics Hardware Addendum Program.

CLASS SIZE

Maximum number of students is limited to ten (10) to provide greater instructor interaction. Call early to reserve your space.

eTRAINING On-line training is available for some courses. Please inquire.

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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