



J-STD-001 SPACE ELECTRONICS HARDWARE ADDENDUM

Optional Module 6 to IPC's J-STD-001 Instructor and Operator Training & Certification Program

J-STD-001

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

HARNESS 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

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 1-day program consists of a lecture which will identify and review each section of the addendum, followed by a single 25 question open book exam. There are no workmanship requirements for this module. The passing level for this optional module is 80%.

This optional Module 6 to the J-STD-001 Instructor and Specialist Training Programs will not be published as part of the regular J-STD-001 course materials. The training materials for this optional Module 6 can only be purchased by instructors certified to this addendum.

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 both Specialist (CIS) and Instructor (CIT) level training. This includes trainers, quality supervisors, engineers and manufacturing supervisors with assembly responsibilities.

WHAT STUDENTS RECEIVE

CIT students who successfully complete the program will receive instructional materials necessary for conducting Certified IPC Specialist Training:

- The J-STD-001 Space Addendum
- Instructor Guide with Exams for 001 Space Specialist Training
- 001 Space Course Visuals on CD-ROM
- IPC Certificate of Training

CIS students who successfully complete the program will receive:

- The J-STD-001 Space Addendum
- IPC Certificate of Training

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.

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.

Toll Free: 1-800-64-EPTAC

Fax: 603-296-2377

email: register@eptac.com

Web: www.eptac.com