



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

IPC-A-620 SPACE ADDENDUM CERTIFIED IPC TRAINER

IPC/WHMA-A-620 Space Applications Instructor Training & Certification Program

IPC/WHMA-A-620 SPACE ADDENDUM

COURSE DESCRIPTION

IPC/WHMA-A-620 Space Applications Addendum provides additional requirements over those published in IPC/WHMA-A-620 to ensure the performance of cable and wire harness assemblies that must survive the vibration and thermal cyclic environments getting to and operating in space.

For currently certified IPC-A-620 Trainers (CIT), this 5-day, lectured and extensive hands-on course is a comprehensive, instructor-level certification that teaches mission critical inspection and assembly criteria for cable and wire harness assembly. This course is based on the IPC/WHMA-A-620, "Requirements and Acceptance for Cable and Wire Harness Assemblies", the most widely used specification for the cable and wire harness assembly industry. This is an additional certification adding the Space Applications Addendum Certification to a trainer's base of IPC-A-620 certification.

WHO SHOULD BECOME CERTIFIED

This course is for anyone responsible for the quality and reliability of aerospace cable and wire harness assemblies.

WHAT STUDENTS RECEIVE

Everyone who successfully completes the program will receive instructional materials necessary for conducting Application Specialist training:

- A CD-ROM of visuals illustrating the additional requirements of the IPC-WHMA-A-620 Space Addendum over those published in IPC/WHMA-A-620 document, all reports and forms required for conducting Application Specialist training
- An Instructor Guide, providing complete instructions for conducting the Application Specialist training, workmanship and testing
- The IPC/WHMA-A-620 Space Addendum
- Application Specialist Written Examinations (Open Book)
- When published, A CD-ROM, IG and Exam set for IPC/WHMA-A-620B Space Addendum
- IPC Certificate of Training

PREREQUISITES

Attendees must have successfully completed the IPC/WHMA-A-620 Trainer Certification or Recertification Course.

CLASS SIZE

Maximum number of students is limited to ten (8) to provide greater instructor interaction. Call early to reserve your space.

COURSE OUTLINE

DAY 1

- Introduction
- Lecture: Requirements Changed by IPC/WHMA-A-620 Space Addendum
- Exam (30 Question/Multiple Choice/Open Book)

DAY 2-5

- Extensive Hands-on Lab
- First Hand Fabrication, Inspection and Testing of Cable Assembly (Note: During this process all fabrication steps must meet the requirements of IPC/WHMA-A-620 Space Addendum)

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: eptac.com