eptac
TRAIN. WORK SMARTER. SUCCEED.

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
- Essentials of PCB Design
- IPC Designer Certification

COUNTERFEIT COMPONENTS

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

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-6012 CERTIFIED IPC SPECIALIST
IPC-6012 Operator Training & Certification Program

IPC-6012

COURSE DESCRIPTION

This 4-day, lectured course is a comprehensive, operator-level certification that reviews the requirements for design, fabrication and inspection of rigid printed boards. It is based on IPC-6012, "Qualification and Performance Specification for Rigid Printed Boards", with supporting documentation from IPC-A-600, "Acceptability of Printed Boards", and IPC-2221, Generic Standard on Printed Board Design. This certification is a great asset for designers, manufacturing and quality engineers, purchasing agents, fabricators, board shop auditors and anyone recommending, inspecting, or specifying printed circuit boards. Familiarity with the IPC-A-6012 and the IPC-A-600 standards is recommended but not required.

WHO SHOULD BECOME CERTIFIED

This is an advanced course. Anyone responsible for determining the quality and reliability of printed wiring board products should become certified. This includes quality supervisors, engineers and users of printed wiring boards.

PREREQUISITES
- Understanding of the English language, oral and written

CLASS SIZE

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

COURSE OUTLINE

Day 1
- Introduction and IPC Training/Certification Policies and Procedures
- Scope/Applicable Documents
- General and Material Requirements
- Visual Requirements

Day 2
- Visual Requirements (continued)
- Dimensional and Conductor Requirements
- Structural Integrity
- Solder Mask, Electrical, Cleanliness, Rework and Repair

Day 3
- Special Requirements
- Quality Assurance Provisions and Notes
- Questions and Review

Day 4
- Course Summary/Review
- Open Book Examination
- Instructor/Student Conference
- Wrap-Up

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.

Toll Free: 1-800-64-EPTAC
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