eptac

TRAIN. WORK SMARTER. SUCCEED.

800-643-7822
🇺🇸 eptac.com
🇨🇦 eptaccanada.ca

Download
the App at
eptacapp.com

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 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

HANDS-ON IPC-A-620 LABS
EPTAC's IPC/WHMA-A-620 Hands-On Training Program

IPC/WHMA-A-620

COURSE DESCRIPTION

This 1-day, hands-on lab may be added to either the IPC-A-620 Certified Trainer or IPC-A-620 Certified Specialist course.

Practical hands-on experience is a necessary part of many companys' training goals. After completing either the IPC-A-620 Certified Trainer or Specialist lecture course, these labs provide the opportunity to practice the skills of the criteria they have learned by following an assembly print and building a harness assembly.

Through hands-on labs, students perform necessary procedures for building an entire wire harness assembly or you can tailor this training by choosing the labs that apply to your process.

This hands-on training is available for customized on-site training.

WHO SHOULD ATTEND

This course is for anyone responsible for the quality and reliability of cable and wire harness assemblies–including trainers, engineers, quality supervisors, inspectors and manufacturing personnel responsible for quality assurance

PREREQUISITES

Attendees must be familiar with the IPC-A-620 assembly and inspection criteria prior to attending this training. Prior certification in IPC-A-620 is recommended..

CLASS SIZE

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

COURSE OUTLINE

AVAILABLE HANDS-0N TRAINING LABS

Module 1: Lab Overview
- Review harness assembly print, materials and tooling

Module 2: Wire Prep and Solder Termination – no soldering
- Cut and semi-stripping five wires
- Install wires onto the harness board

Module 3: Lug Crimp Terminations
- Cut, strip and crimp two styles of lug-type terminals
- Install wires onto the harness board

Module 4: Pin Crimp Terminations
- Cut, strip and crimp two styles of pin terminals
- Install wires onto the harness board

Module 5: Coaxial Terminations
- Cut, strip RG59 wire; assemble two coaxial connections
- Install wires onto the harness board

Module 6: IDC Terminations
- Cut, strip CAT5 wire; crimp two IDC connectors
- Install wires onto the harness board

Module 7: Mass Terminations
- Cut, ribbon cable; crimp two mass termination connectors

Module 8: Harness Securing
- • Secure the cable using tie-wraps and lacing cord

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
email: register@eptac.com
Web: eptac.com