



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

WIRES & TERMINALS SOLDERING AND CRIMP TERMINATION OPERATOR CERTIFICATION

EPTAC's Wires and Terminals Soldering and Hand Crimp Termination Program

J-STD-001 AND IPC-A-620

COURSE DESCRIPTION

Wires & Terminals and Crimp Termination Operator Certification introduces the basics of soldering in Wires & Terminals and the basics of Hand Crimping. This 2-day course will utilize the J-STD-001 and the IPC-A-620 Standards to discuss the assembly and inspection criteria regarding both of these technologies.

Students will learn industry terminology, equipment familiarization and the accept/reject criteria for wires, terminals and crimp terminations.

Hands-on efforts include the soldering and inspection of five (5) different types of terminal connections and at least six (6) different types of Crimp Connectors. This program is a "hands-on" experience. With approximately 50% of the time spent doing, students experience the technology first hand.

WHO SHOULD ATTEND

This course is designed to teach the fundamentals of soldering technology and Hand Crimp Connections. Anyone involved in the assembly of electronics with Wires & Terminals and/or Crimp Terminations should be certified to this program.

WHAT STUDENTS RECEIVE

All successful participants will be awarded an EPTAC Certificate of Training.

PREREQUISITES

An understanding of the English language, both oral and written is all that is required to benefit from EPTAC's Wires & Terminals and Crimp Termination Operator Certification Program. ESL Students are encouraged to inquire.

CLASS SIZE

Maximum number of students is limited to ten (10) in order to provide greater instructor interaction and a complete hands-on experience. Call early to reserve your space.

COURSE OUTLINE

DAY 1 - INTRODUCTION TO SOLDERING

- Specifications/Applicable Documents
- Terms and Definitions
- Tools and Material Selection and Maintenance
- Procedures in Making a Good Solder Joint
- Soldering Technology-Wires & Terminals
- Acceptability Criteria
- Wire Preparation
- Terminal Connections and Soldering
- Practical Session-Soldering Terminals

DAY 2 - INTRODUCTION TO CRIMP TERMINATIONS

- Cable/Wire Preparation
- Measuring Cable Assemblies
- Crimp Terminations
- Insulation Displacement Connections
- Testing Cable Assemblies
- Practical Session-Crimp Terminations

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