IPC-7711/7721 CERTIFIED IPC SPECIALIST

IPC's THT and SMT Rework and Bare Board Repair Operator Training & Certification Program

IPC-7711 AND IPC-7721

COURSE DESCRIPTION

Attendees must be experienced solderers.
Prior rework/repair skills are helpful.

This is a 5-day, advanced course for anyone responsible for quality and reliability of reworked or repaired electronic assemblies. It is a comprehensive hands-on training program with 80% lab work.

The IPC-7711 is designed for soldered assembly rework– restoring PCB assemblies to their original drawings.

The IPC-7721 is designed for board repair– restoring a board's functional capability.

WHO SHOULD BECOME CERTIFIED

Anyone involved in the rework of electronic components, or the repair of printed wiring boards should become certified.

Attendees must be experienced solderers.

PREREQUISITES

- Proficiency in soldering
- Understanding of the English language, oral and written

CLASS SIZE

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

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

COURSE OUTLINE

DAY 1
- Introduction to IPC-7711/7721
- Policies and Procedures
- Common Procedures
- Wire Splicing (Mesh, Wrap, Hook & Lap)
- Instructor Demonstration and Skills Development Lab

DAY 2
- Conformal Coating Identification, Removal & Replacement
- Through-Hole Rework Procedures
- Instructor Demonstration and Skills Development Lab

DAY 3
- Chip & MELF Removal/Installation and Localized Cleaning
- Instructor Demonstration and Skills Development Lab
- Gull Wing Procedures (SOIC, SOT, D-Pak, QFP)
- Instructor Demonstration and Skills Development Lab

DAY 4
- J-Lead Procedures
- Instructor Demonstration and Skills Development Lab
- BGA Removal/Replacement Discussion
- Laminate Repair
- Instructor Demonstration and Skills Development Lab
- PWB Circuit Repair
- Instructor Demonstration and Skills Development Lab

DAY 5
- Additional Lab Time
- Comprehensive Review
- Open Book Exam