

IPC-7711B/7721B STANDARD — CERTIFIED IPC SPECIALIST TRAINING

Professional Training Course

Location: Microsolder Kft. Training Room, 1037 Budapest, Kiscsillag u. 18.

We can also organize this course on-site outside the indicated dates upon request.

About the Standard:

The IPC-7711B/7721C standard *Rework, Modification, and Repair of Electronic Assemblies* provides principles, methods, and procedures for reworking, repairing, and modifying electronic assemblies. The procedures include descriptions of required materials, tools, work steps, the necessary level of expertise, and method compatibility.

Course Objective:

To prepare participants for applying this internationally recognized and widely accepted standard, focusing on delivering and acquiring primarily practical knowledge needed in daily work. The course also prepares participants to obtain the related international certification.

Course Method:

Theoretical (1/3) and practical (2/3) training in Hungarian/English, accompanied by a slide presentation, using the printed or electronic (Hungarian or English) version of the standard (each participant must have their own copy and bring it to the sessions). Practical tasks are conducted in accordance with IPC requirements.

Participants will have the opportunity to discuss practical issues they encounter and receive consultation.

Who Is It For?

Technical staff with formal education and some soldering experience, as well as managers at any level who are involved in the rework, repair, supervision, or quality assurance of soldered circuits and assembled circuit boards.

Curriculum (Total Duration: 3 Days, Total: 25 Hours):

- **Module 1:** Using and presenting the document; general knowledge and procedures (8 hours)
- **Module 3:** Through-hole procedures (4 hours)
- **Module 4:** Procedures for chip and MELF components (3 hours)
- **Module 5:** Procedures for SOIC and SOT components (3 hours)
- **Module 6:** Procedures for J-lead and QFP components (5 hours)
- **Module 9:** Procedures related to conformal coatings (2 hours)

Knowledge Assessment and Certification:

Online IPC test in Hungarian/English; upon passing the test and achieving an acceptable level of performance on the practical tasks, participants receive an official, personalized IPC CIS (Certified Application Specialist) certificate valid for 2 years.

Microsolder Kft. is an IPC member, an authorized IPC distributor, an authorized IPC training center, and an IPC QML (Qualified Manufacturer Listing) auditor.