

IPC-7711/7721 STANDARD — TRAINER CERTIFICATION

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

Course Objective:

To prepare participants to teach this internationally recognized and applied standard by providing the necessary knowledge and preparing them for international certification as a Certified IPC Trainer (CIT).

The IPC CIT certification authorizes the holder to train and certify Certified IPC Application Specialists (CIS).

Course Method:

Theoretical (1/3) and practical (2/3) training in Hungarian/English, accompanied by a slide presentation, using the printed or electronic version of the standard in Hungarian or English. Practical exercises are conducted in accordance with IPC requirements.

Who Is It For?

Technical staff who currently teach or wish to teach the standard or who want to gain an in-depth understanding of the full standard.

Participants with expired or soon-to-expire IPC-7711/7721 CIT certifications can renew their certification by completing this course.

Curriculum (Total Duration: 4 Days, 32 Hours)

- IPC fundamentals (2 hours)
- IPC official training and certification policies (1 hour)
- Using and presenting the document (0.5 hours)
- IPC-7711/7721 common procedures (1.5 hours)
- Wire splicing procedures (2 hours)
- Through-hole procedures (3.5 hours)
- Procedures for chip and MELF components (3 hours)
- Procedures for SOIC and SOT components (3.5 hours)
- Procedures for J-lead and QFP components (6 hours)
- Procedures for BGA components (1 hour)
- Repair of laminates and circuit boards (5 hours)
- Procedures related to conformal coatings (2 hours)
- Administrative procedures (1 hour)

Knowledge Assessment and Certification:

Online IPC test (in Hungarian or English, by choice) and satisfactory execution of the practical tasks.

Upon successful completion, the participant receives an official, personalized IPC CIT (Certified IPC Trainer) certificate valid for 2 years.

To complete the course, each participant must have the Hungarian or English version of the standard, either printed or electronic (on a laptop).

The required standard can be purchased from us in two formats:

- Printed format
 - Single-user, non-printable downloadable PDF format
- For current pricing, please request a quote, specifying the desired language of the standard.

Registration: By email.

Previous IPC-7711/7721 CIS certification is **not** a prerequisite for registration.