IPC-A-610 ACCEPTABILITY OF ELECTRONIC ASSEMBLIES — 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-A-610 standard *Acceptability of Electronic Assemblies* defines the acceptance conditions for assembled electronic units, primarily printed wiring boards populated with components, soldered connections, and, where applicable, various assemblies and coatings. This roughly 400-page document is the key reference for visual inspection and quality assurance.

Course Objective:
To introduce participants to the world's most widely used and internationally recognized IPC standard, prepare them for its application, and provide the knowledge required in their daily work. The course also prepares participants to obtain the related international certification.

Course Method:
Theoretical training in Hungarian/English, accompanied by a slide presentation, using the Hungarian (or possibly English or German) printed or electronic version of the IPC-A-610F or H or J standard. Each participant must have their own copy or bring a laptop with the electronic version. The course includes custom visual materials and offers opportunities for consultation.

Who Is It For?
Technical staff, employees, and managers at all levels who are involved in the assembly, soldering, visual inspection, supervision, management, or quality assurance of circuits and circuit boards, or who work with suppliers of assembled circuit boards.

Curriculum (Total Duration: 3 Days, Total: 24 Hours)

1. **Module 1:** Introduction, IPC official policies and procedures (2 hours)
2. **Module 2:** Foreword, applicable documents, handling of circuits (1.5 hours)
3. **Module 3:** Mechanical assemblies (2 hours)
4. **Module 4:** Soldering, including high-voltage applications (1.5 hours)
5. **Module 5:** Terminal connections (3 hours)
6. **Module 6:** Through-hole technology (4 hours) + evaluation of real cases (1 hour)
7. **Module 7:** Surface-mount assemblies (4 hours) + evaluation of real cases (1.5 hours)
8. **Module 8:** Damage to components, printed circuit boards, and assemblies (2.5 hours)

Knowledge Assessment and Certification:
IPC online test at the end of each module, in Hungarian/English; upon successful completion, participants receive an official, personalized IPC CIS (Certified IPC 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.