

IPC-J-STD-001 STANDARD – CERTIFIED IPC SPECIALIST TRAINING
Professional Advanced Training Course

Location: Microsolder Kft. training room, 1037 Budapest, Kiscsillag u. 18.

About the Standard:

The IPC-J-STD-001 standard, *Requirements for Soldered Electrical and Electronic Assemblies*, contains the requirements related to the production of soldered electronic assemblies — including soldering materials, processes, equipment, and soldered connections.

Course Objective:

To familiarize participants with this internationally recognized and widely applied industrial standard based on industry consensus, prepare them for its application, and provide both theoretical and practical knowledge necessary for their daily work. Successful completion leads to the acquisition of an international certification.

Course Methodology:

Theoretical and practical training in Hungarian/English, accompanied by a projected presentation, using the printed or electronic English version of the standard. (Each participant must have one copy of the standard or a laptop with the electronic version and bring it to the sessions.) During the lab exercises, participants will learn about the various procedures, required materials and tools, and the steps and techniques for flawless execution.

Who Should Attend?

Technical staff members (both employees and managers) who are involved in defining, executing, controlling, supervising, or ensuring the quality of circuit assembly and soldering technologies, or who are in contact with suppliers of the necessary materials, tools, or assembled circuit boards.

Curriculum (Total duration: 4 days, total: 32 hours):

1. Module: Introduction, IPC official policies and procedures, general assembly and soldering knowledge and procedures (6 hours)
2. Module: Theoretical knowledge on wire and terminal assembly and soldering, Lab practice: soldering wires and terminals (6 hours)
3. Module: Theoretical knowledge on through-hole technology (THT) assembly and soldering, printed circuit board (PCB) damage, process control requirements, Lab practice: soldering through-hole components (7 hours)
4. Module: General theoretical knowledge on surface-mount technology (SMT) soldering, PCB damage, process control requirements, Lab practice: soldering surface-mount components (7 hours)
5. Module: Process control and inspection requirements (6 hours)

Assessment and Certification:

Online IPC test in English at the end of each module. Upon passing the tests and achieving an acceptable level in the practical tasks, participants will receive an official, personalized IPC CIS (Certified Application Specialist) certificate valid for 2 years.

About Microsolder Kft.:

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

