

IPC-CSE (Certified Standards Expert) Training — In-Depth Mastery of IPC-A-610

Professional Training Course

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

Objective of the New IPC CSE Training:

A Certified Standards Expert (CSE) is a professional with advanced knowledge of the IPC standards system, its purpose, and scope, and possesses in-depth expertise in one or more specific IPC standards.

The role of a CSE can vary by organization, but a CSE is qualified to act as the organization's internal expert, supporting decision-makers, answering and interpreting standard-related questions, and assisting various organizational levels and processes (such as contract management, complaint handling, failure analysis, project management, and quality management).

In cases of disputes, the CSE may act as a mediator between the organization and IPC staff and/or industry experts on standard-related matters.

The CSE program certifies an individual as a subject matter expert in one of the following IPC standards:

- IPC-A-610*
- IPC-A-600
- IPC/WHMA-A-620*
- J-STD-001
- IPC-6012
- IPC-7711/IPC-7721*

(*Training available at Microsolder)

An IPC Certified Standards Expert (CSE) can:

- Quickly and effectively navigate IPC standards
- Identify the relevant standard(s) for production-related questions
- Serve as the in-house expert on all standard-related issues
- Adapt the use of standards to company-specific needs if required

Individuals with expertise in at least three standards and a minimum of 10 years of industrial experience in applying IPC standards are eligible to use the title Senior Certified Standards Expert (SCSE).

Certification:

Participants who successfully complete the training will receive the internationally recognized IPC CSE certification, respected across the electronics industry.

Course Method:

Theoretical training in Hungarian, with presentations in Hungarian/English, following the IPC CSE curriculum. Participants use printed or electronic (possibly English) versions of the relevant standards (each participant must have their own copy or bring a laptop with the electronic version).

Who Is It For?

Technical staff, employees, and managers at all levels who are involved in any stage of circuit and PCB assembly, supervision, process control, quality assurance, supplier or customer relations, or decision-making and preparation related to these activities.

IPC-A-610 CSE Training

Full Duration: 4 Days, Total: 32 Hours

Curriculum:

- Introduction, IPC official policies and procedures
- Foreword, applicable documents, handling of circuits
- Mechanical assemblies
- Soldering, including high-voltage applications
- Terminal connections
- Through-hole technology
- Surface-mount assemblies
- Component, PCB, and assembly damage
- Wire-wrapping connections

Exams:

- IPC Principles and Procedures (10 questions, minimum 80%)
 - General Knowledge (30 questions, minimum 80%, max. 60 minutes)
 - Chosen Standard Specific Knowledge (70 open-book questions, minimum 80%, max. 150 minutes)
-

Knowledge Assessment and Certification:

Online IPC test at the end of each module, in Hungarian; upon successful completion, participants receive an official, personalized IPC CSE (Certified Standards Expert) 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.

