

IPC Certification for "Certified IPC Specialist (CIS)" IPC J-STD-001H

Requirements for Soldered Electrical and Electronic Assemblies

August 9-13, 2021

Course Description:

The purpose of this course is to assist the electronic manufacturer in the production of high-quality products at the lowest possible cost by providing a greater understanding of the soldering and assembly processes through "standard" training.

This course assumes that the students know some of the basic concepts and materials associated with hand soldering. If students have not previously performed soldering activities, then additional training will be necessary prior to attending this course. Blackfox recommends our applicable soldering series modules for remedial study.

Soldering applications are completed using soldering irons and wire solder.

Course Structure:

Module 1 – (required) 1 day: Overview of J-STD-001 requirements (the overall introduction and general requirements).

Module 2 – (optional) 1 day *Terminal and Post Soldering and Inspection*

Module 3 – (optional) 1.5 Hours *PCB Requirements & Adhesives*

Module 4 – (optional) 1 day *Through Hole Component Soldering and Inspection*

Module 5 – (optional) 1 day *Surface Mount Component Soldering and Inspection*

Module 6 – (optional) 1 day *Inspection Module*

Note: To certify to Module 1 and 6 only, the learner is required to attend the lecture portion of Modules 2-5 and complete a module 6 written and visual inspection exam.

What the "Learner" receives:

- IPC J-STD-001 Manual
- Applicable soldering kit(s)
- IPC Certification for "Certified IPC Specialist (CIS)"
- Certificate

Students will receive IPC "Certified IPC Specialist (CIS)" certificate with an overall score of 70% or better, on classroom written exams and an overall score of 80% or better on soldering demonstrations. Module 1 written exam must be completed successfully to continue to modules 2-6.

Prerequisite: Soldering Skills

Certification Length: 24 months

Cost per person: \$1700.00

Training location provided upon Registration

Hours: 8:30 am - 4:30 pm (All 5 days)

Register at <http://bit.ly/AZMEIPJCSTD001HAUG2021>

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