

J-STD-001 Endorsement

IPC J-STD-001, Requirements for Soldered Electrical and Electronic Assemblies, has emerged as the preeminent authority for electronics assembly manufacturing worldwide. The standard describes materials, methods and verification criteria for producing high-quality soldered leaded and lead-free interconnections. It emphasizes process control and establishes industry consensus requirements for a broad range of electronic connections

The J-STD-001 Endorsement is included of the following IPC Certification Programs: Certified IPC Specialist (CIS), Certified IPC Trainer (CIT/MIT), Certified Standards Expert (CSE/SCSE).

Who Should Earn an IPC J-STD-001 Endorsement? Quality Assurance

Assembly process engineers, quality assurance supervisors, training managers and others responsible for the quality and reliability of soldered electronic assemblies are excellent candidates for the program.

Company-wide quality assurance initiatives can showcase this IPC-sponsored program to illustrate their commitment to continuous operations and product improvement. IPC recognition sends a strong message to customers that your company is serious about implementing J-STD-001.

Topics Covered in the IPC J-STD-001 Endorsement Program

- Instructional skills and the roles and responsibilities of Certified IPC Trainers (CIT Certification program only)
- General requirements, such as safety, tools and electrostatic discharge (ESD)
- Wire and terminal assembly requirements, demonstrations and laboratory
- Through-hole technology requirements, demonstrations and laboratory
- Surface mount technology requirements, demonstrations and laboratory
- General soldered connection acceptance requirements (including Lead Free)
- Machine and reflow soldering process requirements
- Test methods and related standards