

IPC-A-600

Acceptability of Printed Boards



IPC-A-600 is a widely recognised industry standard that defines acceptance criteria for bare printed circuit boards, helping teams make informed, consistent quality decisions. It outlines visual requirements across three classes (Class 1–3) and builds a common language for manufacturers and customers throughout the supply chain.

WHY IT MATTERS



Ensures PCB quality meets performance & reliability standards



Reduces rework and scrap costs



Supports high-reliability sectors with precise visual criteria

WHO IT'S FOR

- Supplier Quality Engineers
- Assembly Technicians
- Quality Inspectors

Ideal for organisations that manufacture or purchase PCBs, need consistent inspection standards, or work in high-reliability sectors like aerospace, defence or automotive.

COURSE FORMAT



CIT: Up to 3 days
CIS: Up to 2.5 days for all modules
CSE: Up to 3 days



Multiple Choice Exam



Certificate Valid for 2 years



The training was thorough, and Mark gave very good explanations which kept the course interesting. I haven't soldered for quite some years but still found there was something to learn.



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COURSE OVERVIEW

Module 1: Introduction & Cleanliness Testing

Module 2: Externally Observable Characteristics

Module 3: Internally Observable Characteristics

Module 4: Miscellaneous

This certification is essential for ensuring consistent and reliable PCB inspection practices across teams and suppliers.

It covers inspection of rigid and flexible boards for cleanliness, external and internal defects, and key manufacturing faults such as delamination, annular rings, measing and copper wrap.

No strict prerequisites, but familiarity with PCB manufacturing and quality inspection is beneficial.

READY TO RAISE
YOUR STANDARDS?
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