

## QUALITY PERFORMANCE EVALUATION OF PRINTED CIRCUIT BOARDS



Electronics has become an indispensable partner of modern day as it finds its application in all activities of human life from Children's toys to Equipment used in Space applications.

IPC Standards provides guidelines for the design, manufacturing and evaluation processes followed by the companies in the Electronic Manufacturing supply chain.

Printed circuit boards are basic hardware and considered as backbone of the Electronic Devices as they provide Mechanical Support to the Electronic Devices in the circuit and connect them electrically through the conductive traces.

IPC standards are highly focused on the needs of the Electronic Industry and provide Best Practices of manufacturing an Electronic Product and are followed globally by Designers, PCB Manufacturers, Assembly houses and OEMs across the Electronic Industry to BUILD ELECTRONICS BETTER

**This training course focuses on the Performance Evaluation & Inspection of Rigid PCBs as per the applicable IPC Standards.**

### Who can Participate

Operator, Inspectors and Freshers in the PCB fabrication & EMS facilities.

### Instructor

Master IPC Trainer (MIT) or  
Certified IPC Trainer (CIT)

### Benefits of participation

This training course will help the participants to understand the types of PCBs and their performance characteristics & evaluation of the Quality. They get to know and understand the different performance /Quality requirements, various terminologies and criteria associated as per the applicable IPC Standards. This will further help them for the globally recognized CIS/CIT certifications. Freshers once going through the course can start their work with confidence after joining the industry.

### Syllabus

- Introduction to the course
- PCB Standards, Classification
- Types of PCBs
- Acceptance and Performance Evaluation of PCBs- Externally Observable Characteristics
- Acceptance & Performance Evaluation of PCBs- Internally Observable Characteristics
- Qualification & Evaluation tests
- Q & A Session

### Mode of Training

Instructor-Led/In-house

**Duration: Full day**

## Schedule for Quality Performance evaluation of Printed Circuit Boards

Session No	Session Name	Description
1	Registration & Introduction	Introduction of participants
	General Overview of the Course	General overview of the course
2	Introduction of the Standards	PCB Standards
	PCB Standards, Classification Types of PCBs	Types of PCBS
	Acceptance and Performance	Externally Observable Characteristics
	Evaluation of PCBs	
3	Acceptance and Performance Evaluation of PCBs	Internally Observable Characteristics
4	Qualification & Testing. Q & A	Internally Observable Characteristics

### IMPORTANT NOTES

- GST applicable at 18% on the quoted price
- 100% payment to be made before 7 working days of the course commencement
- Minimum 10 & maximum 20 candidates/batch
- Company will share candidates name & details (as per Global Electronics Association format) 7 days in advance before commencement of the course
- Session can be organized on Saturdays
- Participation Certificate shall be provided to the candidates on Global Electronics Association India letterhead
- For In-house Training, Travelling charges to and fro and stay of trainer should be booked by members only

For more information, please reach out to:

**ed@electronics.org**