

IPC 6012

Rigid Printed Board Specification



IPC-6012 sets the qualification and performance requirements for rigid printed boards, including single-sided, double-sided, multilayer and metal core types. This course integrates content from IPC-6012 and IPC-A-600, ensuring your team is equipped to assess and fabricate rigid PCBs to industry standards.

WHY IT MATTERS



Helps ensure structural integrity & product reliability



Sets consistent standards for RPB fabrication and inspection



Supports Class 3 compliance for critical-use electronics

WHO IT'S FOR



Quality & Production teams



Engineers & Inspectors



Anyone responsible for rigid PCB reliability in aerospace, defence or motorsport

COURSE FORMAT



Duration: 3 days
Subject to any re-sits



Multiple Choice Exam



Certificate Valid for 2 years



We take the training of our staff very seriously and expect IPC Class 3 as a minimum quality level for our products. We began the search for trainers and we've been so delighted with Marq-One's service we've continued to book further training for our team next year.



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COURSE OVERVIEW

Introduction

Module 1: Material Requirements

Module 2: Structural Integrity Requirements

Module 3: Visual Requirements

Module 4: Solder Mask, Electrical & Cleanliness Requirements

Module 5: Dimensional & Conductor Requirements

Module 6: Quality Assurance Provisions

IPC-6012 defines what's required for material quality, visual acceptance, and structural performance in rigid printed boards. This course helps your team understand how to apply those standards in fabrication, ensuring product integrity and inspection consistency at every stage. Basic familiarity with PCB materials and inspection criteria is recommended.

READY TO RAISE
YOUR STANDARDS?
BOOK NOW



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