

IPC WHMA-A-620

Cable and Wire Harness Assemblies



MARQ-ONE

The **IPC WHMA A-620** certification is the global standard for quality workmanship in cable and wire harness assemblies. This course helps teams recognise and inspect cable builds to internationally accepted standards across all three product classes.

WHY IT MATTERS



Ensures consistency and quality



Reduces scrap costs and rework time



Increases confidence in inspection and assembly

WHO IT'S FOR



Quality Inspectors



Manufacturing Engineers



Production Managers



Assembly Operators



Managers & Senior Leaders

Recommended for anyone involved in the manufacture, inspection or assessment of cable and wire harnesses.

COURSE FORMAT



Up to 4 days

For CIT, CIS (all modules) & CSE



Multiple Choice Exam
+ Optional Practical
Assessment



Certificate Valid
for 2 years



"Mark is an excellent trainer, I learnt a lot and really enjoyed the course."



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IPC WHMA-A-620

COURSE OVERVIEW

Introduction

Module 1: General, Applicable Documents, Wires, Measuring & Testing - Mandatory

Module 2: Crimp Terminations & Insulation Displacement Connection

Module 3: Soldered Terminations & High Voltage Applications

Module 4: Connectorisation & Over-Moulding/Potting

Module 5: Ultrasonic Welding & Splices

Module 6: Marking/Labelling, Securing & Finished Assembly Installation

Module 7: Coaxial & Biaxial Cable Assemblies

Module 8: Harness/Cable Electrical Shielding & Cable/Wire Harness Protective Coverings

This course complements IPC-A-610 and improves quality awareness throughout the build process. Whilst there are no strict prerequisites, basic electronic theory, component ID and soldering familiarity are recommended.

READY TO RAISE
YOUR STANDARDS?
BOOK NOW



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