

# 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



Duration: 3 days  
(+ 1 optional day  
for practical)  
Subject to any re-sits



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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