

APQP - Detailed Training Programme Outline

Summary: This programme provides the underpinning knowledge and builds delegate confidence to apply APQP at a working level enabling the development of products and services that fully satisfy customer requirements

Aimed at: All personnel involved at a working level, in the completion or management of APQP

Prior Qualifications/Experience: No specific qualifications/experience is necessary although a working knowledge of New Product/Process Introduction would be beneficial

Duration: 3 days

Format: Combination of presentation and Trainer-lead activities carried out in a training-room environment

Software Specification: No software or IT resources are required

Objectives: By the end of the programme, participants will be able to:

- Appreciate what APQP is and how it enables organisations to supply products/services to within the agreed Quality, Cost, Delivery model
- Understand the key phases and elements of APQP
- State who should be responsible for completing the different elements of APQP and appreciate the importance of timely input
- Understand Best Practice in terms of completion, management and audit of APQP to avoid costly errors
- Confidently apply the APQP phases and elements to introduce new products/services within the agreed Quality, Cost, Delivery model

Content:

- What is APQP?
- Overview of the four major elements
- Planning and definition - Sourcing Decisions, Customer Input Requirements and Craftsmanship
- Product design and development verification - DFMEA, Design Reviews, Verification Plan, Sub Contractor APQPs, Facilities/Tools and Gauges, Prototype Planning, Documentation
- Process design and development verification - Process Mapping, PFMEA, Measurement Systems Evaluation, Pre- Launch Planning, Documentation
- Validation - Trials, Control Plans, Preliminary Process Capability, Testing, Documentation
- APQP completion
- APQP management and audit

Leadership and Personal Development, Strategic Management, Lean Six Sigma & Quality Tools