

APQP/PPAP Foundation

aligned with AS9145
4-hour session

Open enrolment classes

January 9th 2026

1pm – 5pm GMT

February 23rd 2026

1pm – 5pm GMT

Fees:

The cost per participant is £190+VAT, which includes comprehensive reference materials.

To book places:

- Please email Smallpeice via train@smallpeice.com with your requirements.
- Our experienced booking team will then send you a booking form.

In-Company Training:

This programme is available for cost effective 'in-company' group training. This provides the opportunity to customise the content and to include practical activities that are linked to your own processes and products. For more information on the options, please email train@smallpeice.com.

Overview

APQP drives a quality focused approach to product development through the use of a phased planning process. It consists of five phases starting with conceptual product needs and extending throughout the product life cycle. This training is aligned with the AS9145 standard which defines the aviation, space, and defence process requirements for Advanced Product Quality Planning (APQP) and Production Part Approval Process (PPAP). This programme blends together the most powerful components of effective and impactful learning. Specifically designed for virtual delivery, the training is based around a step by step case study which ensures participants understand and practise every state of the APQP process. The training is led by our master Aerospace trainer who brings unrivalled expertise and experience from working with the major players in Aerospace and a broad spectrum of global clients.

Training Content

Preparatory e-Learning & reading (to be completed in advance of the training)

- E-Learning: Introduction to APQP
- Reading: AS9145 standard

Introductions

- Introductory icebreaker group exercise
- APQP as a driver for Zero Defects

APQP Phase 1: Project Planning

- Selecting members for an APQP team
- Review the customer job & spot improvement opportunities
- Critique the inputs/outputs of the milestone review meeting
- Complete the Phase 1 of your APQP roadmap
- Exercise debrief
- Milestone review disciplines
- Modifying the framework for the differing NPI projects

APQP Phase 2: Product Design & Development

- Select the right tools for this phase from the toolkit
- Summarise expected outputs from this phase: what is the focus & why?
- Complete the Phase 2 of your APQP roadmap graphic

APQP Phase 3: Process Design

- Select the right manufacturing tools for this phase from the toolkit
- Review the key document provided: what are we looking for / what questions do we need to ask?
- Complete the Phase 3 of your APQP roadmap graphic

APQP Phase 4: Validation (PPAP)

- Introduction to PPAP
- The production process run
- The PPAP file & submission & approval process
- Quiz: what are we looking for / what questions do we need to ask? What tasks must we schedule to complete this phase?

APQP Phase 5: Ongoing Production

- Review production scenarios & make your decisions/choices via multi-choice quiz

Summary & Debrief

- Review of the APQP roadmap & gearing up for action