

Production Part Approval Process (PPAP) AIAG PPAP 4th Edition for Practitioners

Objective

This course provides participants with a practical understanding of the Production Part Approval Process (PPAP) in accordance with the AIAG PPAP 4th Edition. Participants will learn how to prepare, review, & manage PPAP submissions to demonstrate that manufacturing processes are capable of consistently producing parts that meet customer engineering & quality requirements. The training focuses on ensuring product & process readiness prior to production launch, supporting effective supplier–customer communication, & strengthening confidence in production capability.

Content

- Introduction to Production Part Approval Process (PPAP) and its role in product and process validation
- Relationship between APQP and PPAP within the product development lifecycle
- Understanding when PPAP submissions are required
- Overview of PPAP submission levels and customer requirements
- Detailed review of the 18 PPAP elements and their purpose
- Documentation requirements supporting PPAP submissions
- Preparation and completion of the Part Submission Warrant (PSW)
- Understanding evidence required for successful customer approval
- Managing PPAP submissions and approval status
- Integration of PPAP within quality management systems and launch readiness

Duration

1 Day

Assessment

Participants will complete:

- A knowledge assessment
- A practical PPAP documentation review exercise

Successful candidates will receive a Certificate of Competence.

Pre-requisites

Participants should have a basic understanding of manufacturing processes and quality management concepts. Familiarity with APQP or product development activities is beneficial but not mandatory

Target Audience

- Engineers & Quality professionals
- Supplier Quality Engineers
- Project managers/Personnel involved in product and process approval activities

Training Methodology

The course uses a combination of:

- Instructor-led presentations
- Interactive discussions and Practical exercises reinforcing key PPAP concepts