

Production Part Approval Process (PPAP)

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Learning made Simple, Visual, and Interactive

This course is designed to provide learners with an overview of the PPAP categories, the conditions and requirements of a significant production run, the set of documents to be included in a PPAP package, the various customer decisions on PPAP submission, and records retention.

Credit Hours **2**

Learning Objectives

- Define the two categories of products for which PPAP is to be applied.
- Explain the conditions and requirements of significant production run in the development of PPAP.
- Identify the various PPAP submission requirements, conditions, and submission levels.
- Recall the different sections of a part submission warrant template.
- Recognize and define the multiple elements in a PPAP package.
- Understand the various PPAP submission decisions by the customer.
- Understand the records retention requirements in PPAP.

Table of Contents

I. PPAP Requirements

- **PPAP Category**
 - o Production Part
 - o Bulk Material
- **Significant Production Run**
 - o Conditions
 - o Requirements
- **PPAP Submission**
 - o Submission Requirements
- **Submission Conditions**
 - o Prior to the First Production Shipment
 - o Notify the Customer of Any Change

II. PPAP Package

- **Part Submission Warrant (PSW)**
 - o PSW Requirements
 - o PSW Template
- **Part Submission Warrant (PSW)**
 - o Design Documents
 - o Design Change Documents
 - o Customer Engineering Approval
 - o Design Failure Mode Effects Analysis
 - o Process Flow Diagram (PFD)
 - o Process Failure Mode Effects Analysis (PFMEA)

