

## Understanding the Five Phases of APQP (Advanced Product Quality Planning)



Course Duration: 2 Days - 8 Hours/day

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# Understanding the Five Phases of APQP (Advanced Product Quality Planning)

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## Seminar Content

This two-day seminar is designed to provide participants with a comprehensive understanding of the elements of Advanced Product Quality Planning and defines it as a process within your organization. It addresses how the risk management elements of APQP help ensure successful launches based on robust New Product Development processes, and how to employ the same tools to manage continual improvement in products and processes. The multidisciplinary approach to APQP knowledge management is stressed as essential to shortening development cycle times and reducing launch risk in new product introduction.

## Learning Objectives

- Understand the five phases of APQP and the benefits of the APQP strategy.
- Identify the inputs and outputs for the five phases.
- Understand Phase V and the purpose of feedback, assessment and corrective action.
- Match the elements of VDA 6.3 with the elements of APQP.
- Understand the latest APQP ideas for improving quality and reducing costs.

## Seminar Outline

- APQP Overview
- APQP and VDA 6.3 Linkages(optional)
- Phase I - Plan and Define Program
- Breakout Exercise: Planning and Development Inputs

- Breakout Exercise: Risk Categories and Impacts
- Breakout Exercise: The Value of Key Phase I Deliverables
- Phase II - Product Design and Development
- Breakout Exercise: The Value of Key Phase II Deliverables
- Phase III - Process Design and Development
- Breakout Exercise: The Value of Key Phase III Deliverables
- Phase IV - Product and Process Validation
- Breakout Exercise: The Value of Key Phase IV Deliverables
- Phase V - Feedback, Assessment, and Continual Improvement

## Who Should Attend

This seminar is designed for Senior Managers, and Individuals with direct responsibility for introducing new products or new manufacturing technologies. Automotive Program and project managers, design and process engineering leaders, APQP Team leaders will also benefit from this seminar.

## Seminar Materials

Each participant will receive a seminar manual and a workbook including all team breakout exercises.

## Pre-Requisite

- Basic understanding of management systems
- Some exposure to the NPD process

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