



CONTINUING EDUCATION

Advanced Product Quality Planning (APQP)

CEQAL 500

Automotive suppliers can comprehensively learn how to implement and achieve effective quality planning based on the Ford, DaimlerChrysler and General Motors requirements. Each phase of the APQP process is reviewed so that the participant understands the intent of APQP, how APQP integrates with other continuous improvement tools such as FMEA, MSA, PPAP and how it fits into the larger picture of the ISO/TS 16949 quality system.

Who Should Attend: Individuals who are involved with any aspect of quality planning including management, sales, engineering, quality, purchasing and manufacturing.

Prerequisite: Basic understanding of FMEA, MSA, SPC and other continual improvement tools.

CEU's Credits: 1.6

Duration: 16 Hours – 2-day course

Course Content:

APQP Introduction

- What is APQP?
- Quality Systems and APQP
- Organizing The APQP Team

Project Management Concepts

- What Is a Project?
- What is Project Management?
- The Product Quality Planning Timing Chart
- APQP Phase Element Input/Output

Planning and Defining the Program

- Typical Activities and Phase Inputs and Outputs

Product Design and Development

- Typical Activities and Phase Outputs

Process Design and Development

- Typical Activities and Phase Outputs

Product and Process Validation

- Typical Activities and Phase Outputs

Feedback, Assessment and Corrective Action

- Typical Activities and Phase Outputs

Control Plans

- Types of Control Plans
- Process Analysis
- The Control Plan Form

Each participant will receive a comprehensive manual and a Certificate of completion at the close of the seminar.