# DFMEA (Design Failure Mode Effect Analysis)

## Seminar Content

This Two-day seminar deals Advance Product Quality Planning (APQP) and defines it as a process in your organization. It provides an overview of the 5 phases of APQP and how it is managed as a process. It also teaches Design Failure Mode and Effects Analysis and Design Verification Planning. This seminar includes program management and status reporting for APQP.s. This very important tool can be used for implementing Design & Development of ISO 9001:2015 and IATF 16949:2016

## Who Should Attend?

Development Coordinators and others who are APQP Team Member, Process engineers, Quality Professionals, PPAP coordinators, Engineering, Quality Program, Project Managers & Document Control administrators and sub contractors responsible for product Design.

## Prerequisites

Participants should posses a Basic understanding of your organization and its processes.

## Seminar Materials

Participants will receive a seminar manual. Formats and Certificates.

## Seminar Goals

Provide a hands-on approach to APQP and its relationship to program management and status reporting to give the knowledge and skills needed to introduce new products and processes smoothly

## Seminar Outline

- Concurrent Engineering
- Program Management
- Timing Plans (Gantt Chart)
- 5 phases of APQP
- Objectives
- Deliverables
- Program Management
- Responsibility
- Design FMEA Objectives
- Metrics
- Skills & Tools
- Inputs
- Analytical Approach
- Failure Modes
- Effects
- Severity
- Special Characteristics
- Linkages to Process Control
- Cause
- Occurrence
- Design controls
- Detection
- Risk
- DVP&R
- Product structure tree
- Boundary Diagram
- Item Function Requirement Worksheet
- Interface Matrix
- Parameter Diagram