

Feature:

The course is based on the new AIAG-VDA FMEA Manual 1st edition 2019. This covers the changes in FMEA, seven step methodology in detail with examples, exercise and case study. Will also include Parameter Diagram (P-Diagram) for process.

Course Objective:

- 1) Understand the changes in FMEA methodologies prescribed by AIAG-VDA FMEA 1st Edition
- 2) Hands on in identifying process requirement using P-Diagram
- 3) Enable participant to apply within the organization for process design and meet customer requirement.
- 4) Use PFMEA as a preventive tool for process development

Who Should Attend?

People from departments like design, production, quality, process engineering, supplier development and others who are engaged in FMEA development.

Course Duration:

1 Day

Course Content:

- 1) Introduction to FMEA -History and changes
- 2) Concept of system, sub system and component
- 3) Relationship between, APQP, DFMEA, and PFMEA
- 4) P- Diagram for process
- 5) Scope definition
- 6) Structure Analysis
- 7) Functional Analysis
- 8) Failure Analysis - Failure network and chain, effect, mode and cause
- 9) Risk Analysis
- 10) Current Prevention Control, Current Detection Control
- 11) Severity, Occurrence, Detection and Action Priority
- 12) Actions, responsibility, assessment, status and continual improvement
- 13) PFMEA results and documentation