

Potential Failure Mode and Effect Analysis (PFMEA)



Course Objectives

To take through the changes and methodologies as prescribed by AIAG FMEA 1st Edition and make participants ready to apply changes within their organisation and meet customer requirement.

Course Features

The course covers **Potential Failure Mode and Effect Analysis (PFMEA)** for manufacturing process based on the new AIAG-FMEA Manual 1st edition. This covers seven step methodology in detail with exercises and numerous examples.

Who should attend ?

Automotive Industry people from departments like design, production, quality, process engineering, supplier development and others who are engaged in PFMEA development.

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Course Contents

Brief Introduction to PFMEA and History
Key changes in current PFMEA
System, subsystem and component PFMEA
PFMEA
The Seven steps to design PFMEA

- Scope definition
- Structure Analysis
Structure tree analysis
- Functional Analysis
Functional relationships
- Failure Analysis
Failure network and chain, effect, mode and cause
- Risk Analysis
Current Prevention Control, Current Detection Control
Severity, Occurrence, Detection and Action Priority
- Actions, responsibility, assessment, status and continual improvement
- PFMEA Results and Documentation



Certificate

Softcopy of Certificate of Participation will be issued on attending entire duration of Webi-

Duration : 2 Hours