

2 days Training session on Process Failure Mode and Effects Analysis (PFMEA)

Date : 2nd-3rd July, 2021
Time : 10.30 am TO 5.00 pm

FACULTY

Mr. Umashankar Gautam

He has 25 years' experience in the automotive industry in Manufacturing, Engineering, Quality and Training functions. He has worked with Automotive OEM and component industries, Enriched with industry experience, he has trained 1500+ professionals with well researched content and a unique delivery style.

BRIEF ABOUT THE PROGRAM

Failures of any kind are not tolerated in today's global economy. Prevention is always better than cure! One must strive for the elimination or extreme reduction of any type of failure in products, processes or services.

A Process Failure Mode Effects Analysis (PFMEA) is a structured analytical tool used by an organization, business unit or cross-functional team to identify and evaluate the potential failures of a process. PFMEA helps to establish the impact of the failure and identify and prioritize the action items with the goal of alleviating risk. It is a living document that should be initiated prior to process of production and maintained through the lifecycle of the product.

This is One of the most powerful techniques to avoid process problems or to prevent defects in products and services

OBJECTIVE & KEY TAKEAWAYS

- Why do failures happen and Why conduct FMEAs,
- What are the REAL process failure modes,
- Analyzing Risk beyond RPN calculation,
- How to conduct a good analysis for prevention,
- Effective implementation of the tool in practice,
- Learn FMEA as a life-skill.

WHO CAN PARTICIPATE

- Engineers, Technicians and Managers working in Production, Quality, Engineering and Maintenance in the manufacturing industry.
- New Product Development team members,
- Business Excellence Managers and Quality Systems professionals,
- Internal Auditors and Trainers
- People from service/manufacturing industry

COURSE CONTENT

Day -1

- Understanding Failure
- How to define Engineering Product
- Evolution of FMEA
- Types of FMEA
- Understanding 'Process'
- Basic definitions related to PFMEA
- 'Real' Process Failure Modes
- Understanding Effects & Customers
- Analyzing Causes of Failure
- Understanding Control mechanisms

Day -2

- Risk Prioritization (RPN Calculation) for 4th edition FMEA
- Understanding Latest AIAG reference manual guidelines (AIAG VDA)
- Changes from previous reference manual
- Step-by-Step PFMEA procedure as per AIAG VDA guidelines
- Severity, Occurrence and Detection ranking as per old and new edition
- Special Characteristics and their controls
- Action Priority (AP) Table
- Tips for conducting Effective PFMEA
- Linkage to Control Plan
- Inputs required for PFMEA
- Updating PFMEA
- Management Responsibility
- Examples and Exercises
- Participants Questions and Answers

Registration Link: https://equest.co.in/NBQP-PFMEA-02-03-july

Registration will get closed on 1st July 2021 at 5.00 PM, limited seats and registration on first come first served basis

PARTICIPATION FEES

Rs. 2499 + GST

10% Discount to the QCI registered Members/ Consultants /Auditors and for more than 2 participants from same organization.

e-certificate of participation after completion of the program

For more detail, please contact:

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