



prevention is better than cure

Failure Mode & Effect Analysis

Analysing & mitigating failure modes is key to improved reliability.

While Engineers have always analyzed processes & products for potential failures, FMEA method standardizes the approach and establishes a common language that can be used both, within and between companies.

Contents

Introduction to FMEA

History

Type of FMEA

When to use what type

Design vs. process FMEA

PPAP, APQP & FMEA linking

Step by step guide

Significant characteristics

Critical characteristics

Linking FMEA with control plan

Risk Priority Number

Guide to ratings

How to use FMEA for continual improvement

FMEA exercise/s

Report & review of exercise

Take Away

On attending this training programme, the participants will be able to use FMEA as a preventive action tool & as a part of a FMEA team.

Objectives

Recognize and evaluate the potential failure of a product or process & its effects

Identify actions which could eliminate or reduce the chance of the potential failure occurring

Document the process

Who should attend?

Middle level

Senior level

What is the duration?

1 day, 2 days, 3 days, 3 ½ days

[choose duration](#)

Interaction language

English, English/ Hindi

Methodology

Multimedia Presentation

Lecture

Facilitated Discussion

Group exercise

Individual Exercise

Study material

Q & A

Quiz