

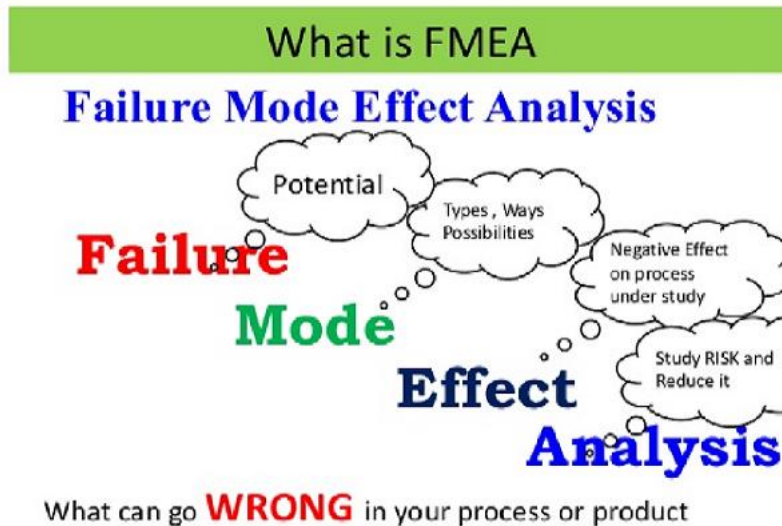
FAILURE MODE EFFECT ANALYSIS

DURATION: 2 DAYS

TIME SCHEDULE

Time: 9:00am to 5:00pm

Lunch Break: 1:00pm to 2:00pm



INTRODUCTION

This training program provides participant with the basic principal of FMEA. Process on how FMEA can be implemented will be discussed in details. Methods to integrate FMEA with daily activities to detect and prevent potential failure will be shared. It will also explain on how to use “Go & See” concept for continuous improvement.

BENEFITS

Upon completion of this program, participants will be able to:

- Understand the benefits & type of FMEA
- Interpret FMEA document
- Implement the 12 steps in preparing FMEA
- Relate FMEA with “Go & See” concept

KEY CONTENT

MODULE 1-FMEA

- What?
- Objectives
- Benefits
- Severity, Occurrence, Detection & RPN

Objective: Understand the basic concept of quality control.

Outcome: Apply FMEA in 4 different situations at the workplace

Hours: 1 hours

MODULE 2-FMEA RELATIONSHIP WITH QUALITY

- What is Quality?
- Freedom from Deficiencies
- Quality Goal

Objective: Understand the relationship between FMEA and quality control.

Outcome: Apply the basic knowledge on FMEA to improve quality in 4 different situations

Hours: 1 hours

MODULE 3-TYPE OF FMEA

- Process FMEA (PFMEA)
- Product or Service Design FMEA (DFMEA)

Objective: Understand the types of FMEA.

Outcome: Apply the 2 essential type of FMEA towards effective quality control and problem solving tools

Hours: 1 hours

MODULE 4-FMEA PROCESS

- Statement
- Team Selection
- The 12 Steps
- Methodology
 - Cause & Effect Analysis
 - 6M – Man, Method, Material, Machine, Measurement & Mother Earth (Environment)
 - Why why
- Analyzing

Objective: Understand the process of FMEA.

Outcome: Apply the 5 key steps of FMEA

Hours: 3 hours

MODULE 5-PRACTICAL

- “Go & See” concept
- Key Success Factors

Objective: Understand the basic application of FMEA.

Outcome: Apply the 5 steps of FMEA process in the actual work situations

Hours: 2 hours

MODULE 6-GOOD PRACTICES

- Review
- Update

AUDIENCE

This course is suitable for Technicians, Engineers, Supervisors, Executives, Managers