




## FALURE MODE & EFFECTS ANALYSIS (4<sup>th</sup> EDITION)

Failure Mode & Effects Analysis Manual 3<sup>rd</sup> Edition has now been revised to 4<sup>th</sup> Edition and is in-force. While revising, the guidelines given therein are now supporting the requirements of ISO/TS 16949:2002. Main changes brought in this manual are for High Level Map and Process Flow Diagram along with Input & Output Sheet for deeper analysis. The Tables for Occurrence has been revised and made stricter. The purpose of this Training is to assist Cross Functional Teams (CFT) / Quality Planning Teams (QPT) in anticipating the causes and existing controls so as further improved controls can be decided to support customer requirements, needs and their expectations.

**Main Objective of this 2-days Training Program is to understand :**

LEADS - DEFECT PREVENTION

- High Level (*Macro*) Map
- Process Flow Diagram (*Micro Map*)
- Use of Micro Map in Input / Output Sheet
- Cause (X's) & Effect (Y's) Matrix
- Benefits of C&E Matrix
- Practical Hands-on Exercises for
  -  Macro & Micro Map
  -  Input / Output Sheets
  -  C&E Matrix
- Concepts in Preparation of FMEA
- Use of X's & Y's of C&E Matrix in FMEA
- Effective Fish Bone (Cause & Effect) Diagrams
- Preparing Control Plans using FMEA

PROCESS FAILURE MODE  
& EFFECTS ANALYSIS

### Course Details

- **Course duration**  
2-days Workshop
- **Who all should attend** – Anyone whose role is to develop the new Products; specially CFT Members
- **Eligibility** – Participants from Production; Quality Control; Prod & Process Engg., Tool Rooms; Maintenance and others as required

### Fees –

- **Open-house:** Rs. 8,000 + Service Tax Per Participant
- **In-house :** Rs 30,000 + Service Tax + Travel



Send your Requirements to :  
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Defect  
Prevention !!