

(FMEA) Failure Mode and Effects Analysis

What is (FMEA)?

It is an inductive failure analysis used in product development, systems engineering, reliability engineering and operations management for analysis of failure modes within a system for classification by the severity and likelihood of the failures. A successful FMEA activity helps a team to identify potential failure modes, enabling the team to design those failures out of the system with the minimum of effort and resource expenditure, thereby reducing development time and costs. It serves as a form of design review to erase weakness out of the design or process. It is widely used in development and manufacturing industries in

Outline:

- ◆ Risk and Why We Use FMEAs
- ◆ Overview of Key Concepts
- ◆ Teams and Conducting an FMEA
- ◆ Rankings and Priorities
- ◆ Types of FMEAs
- ◆ Overview of Related Tools
- ◆ Follow-up to an FMEA

Participants are encouraged to bring examples from their own processes to use in classroom activities.

**Cost:
\$307**

- **Includes AIAG (Automotive Industry Action Group) Materials**
- **While the materials are centered on automotive, the FMEA concepts can be applied by all industries**

Cancellation Policy:

- **No cancellations, but substitute participants would be welcomed.**
- **Non-returnable materials must be purchased in advanced.**

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