PRACTITIONER TRAINING · RISK MANAGEMENT

FMEA: Failure Mode and Effects Analysis

Self-paced online training (video) · 16 modules · about 120 min of video · about 3.5 hours in total · English, with captions

Find how designs and processes can go wrong, rate severity, occurrence and detection, and act on the highest risks before they reach customers.

WHO IT IS FOR

Design and process engineers, quality engineers, manufacturing and service process owners, and cross-functional risk teams.

WHAT YOU WILL LEARN

- Explain the purpose of design FMEA and process FMEA and when to start each
- Define scope, structure and functions before analysing failure modes
- Link failure modes, effects and causes, and record current controls
- Rate severity, occurrence and detection, and prioritise actions consistently
- Plan and track actions, and keep the FMEA as a living document

MODULES (16)

1. Why FMEA pays
2. Where FMEA fits: ISO 9001 and beyond
3. The FMEA chain, in plain words
4. Design, process and service FMEA
5. Step 1: planning and preparation
6. Steps 2 and 3: structure and functions
7. Step 4: failure analysis
8. Step 5a: severity
9. Step 5b: occurrence and prevention controls
10. Step 5c: detection and detection controls
11. Prioritising: RPN and action priority
12. Step 6: optimisation
13. Worked example: a design FMEA
14. Worked example: a service FMEA
15. Step 7: results and a living FMEA
16. Auditing an FMEA, and common pitfalls

PRICE

US$99 per learner

Per learner, by team size

1–10 learners	**US$99**
11–50 learners	**US$79**
51–200 learners	**US$69**

Excluding taxes.

DURATION

About 3.5 hours in total (119 minutes of video)

MODULES

16

FORMAT

Self-paced online training (video)

LANGUAGE

English, with captions

ACCESS

12 months

CERTIFICATE

Sterling Academy Certificate of Completion

Scan for the course page, prices and enrolment