

Seminario - SP 300 EN

Design FMEA - The Key to product reliability



Corso presso: **Festo Academy**

Via Enrico Fermi, 36/38, 20057 - Assago (MI)

Durata: **1g**

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Scarica modulo iscrizione:
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Join our SP 300 Seminar to master Design Failure Mode and Effects Analysis (FMEA), a pivotal tool for enhancing the reliability of your products. This seminar is tailored for R&D Managers, Design, Production, and Quality Professionals.

Key Objectives

- Employ Design FMEA as a proactive methodology to foresee and mitigate risks and errors in both product development and manufacturing processes.
- Implement Product FMEA correctly within your organization's framework.

Core Content

■ FMEA as a Preventative Tool:

- Formalizing Information for Prevention. • Impact on Quality and Reliability. • Analysis of Potential Failures. • Classification/Development of Corrective Actions. • Living Document: Real-time Management of Modifications.

■ Product FMEA Methodology:

- Preparation for Analysis. • Problem Definition. • Failure Mode Listing. • FMEA Form Compilation Process. • Essential Documentation for FMEA Work Development.

■ Understanding FMEA Indices:

- FMEA Indices: Probability, Severity, Detectability. • Evaluation Criteria for Indices (P, S, D). • Risk Priority Number (RPN) Calculation. • Compliance with Standards and Corrective Actions. • Accurate Interpretation of Terms and Parameters.

■ Guidelines:

- Classifying FMEA Levels. • Categorizing "Frequency Probability" and "Probability of a Defect or Defective Product Reaching the Customer".

This seminar offers valuable insights into using Design FMEA as a strategic tool for product reliability. Gain expertise in identifying potential failures and mitigating risks effectively, ensuring your products meet the highest standards of quality and reliability.