



Preventive Quality Assurance - Design and Process FMEA 预防性质量保证 - 设计和过程失效模式及后果分析

目标与内容 Objectives and Content

FMEA is an analytical method of preventive quality assurance. The objective is to identify and evaluate risks in time, and to initiate or propose suitable actions for risk minimization. In FMEA, failures are prioritized according to how serious their consequences are, how frequently they occur and how easily they can be detected. As an important method in quality work, it is widely used in manufacturing industries in various phases of product life cycle.

失效模式及后果分析（FMEA）是一种预防性质量保证的分析方法，可以帮助企业及时确定和评估失效风险，并制定出切实可行的实施方案使风险最小化。在 FMEA 中，失效的优先级根据其发生后果的严重性，发生的频率，以及被检测出来的难易度被确定下来。作为质量工作中的重要方法，FMEA 被广泛地应用于制造业中的产品生命周期的不同阶段。

参加对象 Target Group

This training was developed for engineers and experienced employees in production management and quality control. The training is suitable for everyone aiming to work in and enhance the further development of quality management.

本次研讨会面向在生产管理和质量控制领域工作的工程师和有经验的员工。该研讨会对于每一位从事和加强质量管理进一步发展的人员都十分合适。

大纲 Outline

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| <ul style="list-style-type: none"> ➤ Benefit of FMEA ➤ Reason for FMEA ➤ FMEA application <ul style="list-style-type: none"> a) Roles and responsibilities b) Scope, initiation and scheduling of FMEA c) Risk analysis (structure, function, failure) d) Actions for quality improvement e) Approval of an FMEA release f) Archiving ➤ FMEA assessments <ul style="list-style-type: none"> a) Objective and scope b) Accomplishment ➤ Learning by doing: case studies within team <ul style="list-style-type: none"> a) Application at advanced demonstration line b) Adaptive approach to your demand c) Lessons learned and experience summary | <ul style="list-style-type: none"> ➤ FMEA 对企业的益处 ➤ 为什么需要运用 FMEA ➤ FMEA 应用 <ul style="list-style-type: none"> a) 作用和职责 b) 适用范围, 启动和 FMEA 调度 c) 风险分析 (结构, 功能, 故障) d) 对于质量的改进措施 e) FMEA 批准放行 f) 存档 ➤ FMEA 评估 <ul style="list-style-type: none"> a) 目标和范围 b) 成果 ➤ 从实践中学习: 案例研究 <ul style="list-style-type: none"> a) 在先进示范线的实际应用 b) 基于需求的自适应方法 c) 经验分享与总结 |
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日期 Schedule

Mar 16, 2018/
Jun 15, 2018/
Oct 26, 2018

价格 Price

Members:
RMB 2000
Non-members:
RMB 2500

Fee includes lectures, course materials and lunch.

包括会务, 资料费, 午餐费。

语言 Language
Chinese

地点 Venue: Industry 4.0 Demonstration and Innovation Center, Room 1101, Building A, Wisdom Center, No.10 Moon Bay Road, Suzhou Industrial Park / 苏州工业园区月亮湾路 10 号慧湖大厦 A 座 1101 室中德工业 4.0 技术展示创新中心