

# Potential Failure Mode & Effects Analysis Training

## 潛在失效模式和後果分析培訓

### (#FMEA-U1)

#### Training Objectives 培訓目標

- To understand the applicability and benefits of FMEA methods  
瞭解統計潛在失效模式和後果分析的應用場合和好處
- To understand Risk Analysis/FMEA requirements in IATF16949:2016  
瞭解 IATF16949:2016 中對風險分析/潛在失效模式和後果分析的要求
- To understand the important FMEA methods referenced in AIAG FMEA Manual  
瞭解在 AIAG 潛在失效模式和後果分析手冊中引用的方法
- To understand the application and evaluation of DFMEA and PFMEA  
瞭解潛在設計和過程失效模式分析的應用和評價
- To understand the requirements for reactions to unsatisfied FMEA results  
瞭解潛在失效模式和後果分析不理想結果的對應行動
- To develop the basic expertise to implement a FMEA management process  
發展實施潛在失效模式和後果分析管理過程的基本技能

#### Recommended Prior Knowledge 建議的事先認知

- Experience in FMEA or other risk analyses related field  
潛在失效模式和後果分析或其他風險分析相關經驗
- Problems in the implementation of FMEA in own organization  
本組織的潛在失效模式和後果分析管理過程中遇到的問題



## Suitable for 培訓對象

- Quality, process/product engineers/technicians, QMS Engineers/Auditors, ISO9001, ISO/TS 16949 or IATF 16949 Implementers, MR, Managers, experts in quality related field.  
質量、製造過程、產品設計工程師/技術員、質量體系工程師/審核員、ISO9001、ISO/TS 16949 或 IATF 16949 推行者、管理者代表、經理、質量管理領域相關的專業人士
- Persons seeking career opportunities in QMS or certification field.  
尋找與質量管理領域 / 認證機構相關的就業機會的人士

***Keep learning.  
Be outstanding!***



## Training Approach 培訓形式

- Lecturing by tutor 講師面授
- Exercises (individual or by team) 練習 (個人或小組)
- Workshops 討論演練
- Chinese, unless otherwise specified 中文，除非另文註明
- Tutor: Experienced Trainer with Auditor Qualification  
講師：經驗豐富的具備審核員資格的培訓師



## Course Agenda 課程安排

1 DAY 天

Day 日程	Items 項目	Evaluation 評估
DAY 1	<ul style="list-style-type: none"> <li>• Forewords 前言</li> <li>• Basics of FMEA and related Terms 潛在失效模式和後果分析的基礎和術語</li> <li>• Key Elements in FMEA 潛在失效模式和後果分析的要素</li> <li>• DFMEA Application 設計潛在失效模式和後果分析的應用</li> <li>• PFMEA Application 過程潛在失效模式和後果分析的應用</li> <li>• FMEA related Connections FMEA 的關聯性</li> <li>• Common Confusions in FMEA 潛在失效模式和後果分析中的常見困惑</li> <li>• Workshops 討論演練</li> <li>• Q&amp;A 問答</li> <li>• Evaluation 測評</li> </ul>	Participation Required 要求參與



### Related Course 相關課程:

**FMEA Advanced Training** 潛在失效模式和後果分析進階培訓

**#FMEA-U2R, 1.5 days 天**

Add in-depth discussions and application practice on the basis of above course #FMEA-U1.  
在上列課程#FMEA-U1 的基礎上增加深入討論和應用練習。

**# FMEA-U2, 2 days 天**

Add exchanges on real cases provided by participants on the basis of Course #FMEA-U2R.  
在課程#FMEA-U2R 的基礎上增加學員提供的真實案例的交流討論。

## Evaluation and Certificate 評估和證書

### 1. Evaluation based on Participation 參與表現評估

- A Certificate of Attendance by DQS will be issued to the registered participants who have participated in the whole training course and completed all assignments, but have not been successful in passing the evaluation.

全程出席並完成課程任務，但未能通過測評的學員可獲得DQS頒發的培訓出席證書。

### 2. General Evaluation 綜合評估

- A Certificate of Successful Completion by DQS will be awarded to registered participants who have participated in the whole training course, completed all assignments, and passed the evaluation.

全程出席和完成課程任務，並通過測評的註冊學員可獲得DQS頒發的培訓完成證書。



## Contact Information 聯絡信息

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