

Failure Mode and Effects Analysis (FMEA)

Course Description

This course is widely applicable to organisations which design or manufacture products, or design and deliver services. It is also particularly relevant to ISO/TS 16949 and six sigma programmes.

Duration/Delivery Mode

Typically 1 day.

Target Audience

Multi-disciplinary: Managers, process owners, engineers and other personnel who are involved in processing, or contribute to the advanced product quality planning process.



Benefits

Failure Mode and Effects Analysis (FMEA)

- Focuses attention on meeting customer requirements
- Helps to avoid product and process problems
- Helps your organisation to avoid costly errors and embarrassing 'in-service' failures



Related Courses

Six Sigma

- Six Sigma Black Belt

Automotive Quality Management

- Quality System ISO/TS 16949
- Quality System Audit for ISO/TS 16949

Core Tools & Techniques

- Structured Problem-Solving (8D)
- Advanced Product Quality Planning (APQP)
- Production Part Approval Process (PPAP)
- Statistical Process Control (SPC)
- Measurement Systems Analysis (MSA)

To request a detailed course agenda, or to discuss your requirements with a training advisor, please contact us via the web page link (or by using the contact details shown below). If required, we shall be pleased to visit you for an initial discussion.



Course Details Summary

Failure Mode and Effects Analysis (FMEA)

- Defining a process
- Identifying failure modes, effects and severity
- Special characteristics
- Causes and occurrence
- Process controls and detection methods
- Interpretation of ratings, risk prioritisation, preventive actions
- Mistake proofing devices
- Control plan methodology



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