



BSI Training Academy

AIAG and VDA PFMEA training course

Essential information about the course

This two-day course provides you with a hands-on approach using a Case Study to develop a PFMEA using the new methodology in line with the methods specified in the AIAG VDA Failure Mode and Effects Analysis FMEA Handbook Edition 1. The course takes delegates through the new 7 step approach using the Case Study which allows delegates to practice each of the 7 steps.

Our Course Outlines

Day 1:

- AIAG and VDA – Purpose and objectives
- FMEA for products and processes
 - FMEA team roles and responsibilities
 - FMEA project planning
- 7 step approach
- Step 1: Planning and preparation
- Step 2: Structure analysis
 - Structure trees
- Step 3: Function analysis
 - Process and product characteristics
- Step 4: Failure analysis
 - Failure chain, effects, mode and cause
- Step 5: Risk analysis
 - Severity, occurrence and detection
 - Special characteristics
 - Action priority (AP)
- Step 6: Optimization
- Step 7: Results documentation
 - COQ/COPQ

Day 2:

- Step 1: Planning and preparation
- Step 2: Structure analysis
- Step 3: Function analysis
- Step 4: Failure analysis
- Evaluating severity, occurrence and detection
- Step 5: Risk analysis
- Action priority (AP)
- Step 6: Optimization
- COQ/COPQ



Upon successful completion of your course, you'll receive an internationally recognized BSI certificate.

AIAG and VDA PFMEA training course

We want to make sure you have the best learning experience possible. We create a positive learning environment so you retain the knowledge and acquire skills that will continue to be of use beyond the course.

Make sure this is the right course for you.

This is the course for you if:

- Anyone involved in process development activities, either as a team member or leading the activities
- IATF 16949 auditors
- Anyone interested in learning more about new AIAG and VDA FMEA
- IATF 16949 auditors
- Anyone involved in the implementation and maintenance of IATF 16949

Prerequisites - you are expected to have the following prior knowledge:

- An understanding of the previous AIAG FMEA 4th Edition
- Applicable IATF 16949 requirements related to product and/or process development

What is the course like?

- Two days
- Led by a BSI Tutor
- Relaxed and comfortable learning environment
- You'll receive comprehensive course materials

How will I benefit?

- Understand how to implement the 7 step approach
- Understand how to use the severity, occurrence and detection tables
- Understand how to use the action priority tables (AP)
- Understand the linkages between the cost of quality and FMEA and the financial impact FMEA has on performance
- Become a productive team member in the development of the AIAG VDA process FMEA

Why invest in training from BSI?

When you attend a BSI training course, our tutors are the best in the business. They're truly passionate about sharing their knowledge and ensuring you learn. Trusted experts with years of hands-on and business experience, they bring the subject matter to life with relevant and contemporary examples that means you can focus on learning.

Training delivered at your site



This could be a convenient and cost effective option, especially if you have multiple delegates.

Talk to one of our experts to find out more.

Related training with BSI



You may also be interested in attending other core tools training courses on: Core Tools for Internal Auditors, APQP, SPC or MSA