



## AIAG & VDA FMEA Training

Gain an understanding of the new guidelines for improved Failure Mode and Effects Analysis (FMEA) resulting from the joint publication of the AIAG (Automotive Industry Action Group) and VDA (Verband der Automobilindustrie) handbook, on this AIAG & VDA FMEA training course.

This 2-day course includes interactive workshops to encourage delegates to discuss how they might produce an FMEA within their organisation.

Upon completion of the course, delegates will have an understanding of FMEA and the new 7 step approach, as well the key updates in the new AIAG & VDA handbook.

### COURSE DURATION

2 days

### CPD

Equivalent to 14 hours

### COURSE PRICE

TBC

### IN-COMPANY TRAINING

[Check availability](#)

### CERTIFICATES

All delegates will receive a certificate on completion.

## Who should attend?

This course is suitable for those wanting to gain an understanding of how to perform an FMEA to the new AIAG/VDA handbook. Key roles that would benefit are:

- product developers
- product designers
- manufacturing and engineering managers
- process and product engineers
- IATF 16949 auditors

The course requires no previous knowledge or understanding of FMEA.

## Key topics

Topics covered on the course include:

- the need for FMEA in process and product design
- AIAG and VDA objectives
- the AIAG 4th edition handbooks and key differences of the new VDA/AIAG handbook
- the 7 step FMEA process:
  - planning and preparation
  - structure analysis
  - function analysis
  - failure analysis
  - risk analysis
  - optimisation
  - results documentation
- process and design FMEA scoring and action priority

## Skills gained

Delegates who attend this course will be able to perform an FMEA to the new standard and identify differences in this method from the one set out in AIAG's 4th edition. This includes the ability to:

- use the new AIAG/VDA 7 step approach for performing an FMEA
- understand VDA and AIAG motivations for the update
- understand process and design FMEA scoring and action priority



A certificate of completion will be awarded to delegates who attend the course in full, in recognition of their new knowledge and skills in FMEA.

Great detail and explanation along the way. The tutor's ability to reference and expand freely on every example really helped.

**McLaren Automotive Ltd**

The tutor was extremely helpful and applied his knowledge of using FMEA's in a way that would benefit myself.

**Forensic Collision Investigation Network**

The tutor encouraged discussions of real world examples and areas that were relevant to the business that we are in.

**Bf1systems Ltd**

[Read our Core Tools course reviews](#)

## Why train with Bywater?

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CHECK AVAILABILITY

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