



BSI Training Academy

Aerospace First Article Inspection (FAI) training course

Essential information about the course

Level **1 C 2 C 3**

First Article Inspection (FAI) is an essential part of quality control in aerospace manufacturing. Its purpose is to provide objective evidence that all engineering design and specification requirements are properly understood, accounted for, verified, and documented. The standard that governs this is AS 9102, the Aerospace Standard for First Article Inspection Requirements.

FAI ensures reliability and repeatability of the manufacturing process, as well as ensuring the manufacturer's ability to produce parts according to customer specifications. The robust process can help ensure there is clear understanding and good communication between the buyer and the supplier.

This one-day course will provide an overview of the tools, procedures and reporting requirements specified in AS9102. It will equip you with the knowledge to explain the FAI phases in detail and how they apply to your organization. Delegates should have a good understanding of the requirements of AS/EN/JISQ 9100 related to the scope of your audit.

This one-day activity-based course is structured to optimize your learning using our unique accelerated approach, which blends practical activities, group discussions and classroom learning.

Our course agenda

- First Article Inspection (FAI)
 - Intent
 - Terms and definitions
- What does AS/EN/JISQ 9100 say?
 - Clause 8.5.1.3 Production process verification
- Part requirements
- First Article planning
- Digital part definition and nonconformance handling
- Evaluation activities and partial or re-accomplishment of First Article
- First Article documentation
 - Characteristic accountability
- FAI file and submission
- Record control
 - Results
 - Control of records
- Reflection and end of course

Book today at [bsigroup.com/training](https://www.bsigroup.com/training)

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We want to make sure you have the best learning experience possible. That's why we offer a range of training courses from beginner to expert. 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 course is for you if:

- You are involved in AS 9102 FAI activities
- You are involved in process improvement and use core tools such as MSA, PPAP, APQP or PFMEA
- You already have a good understanding of the requirements of ISO 9001:2015 and AS/EN/JISQ 9100

What is the course like?

- One day long
- Led by a BSI expert tutor
- Relaxed and comfortable learning environment
- You'll receive detailed course notes to take away

How will I benefit?

- Understand the requirements for a successful first article submission
- Gain the confidence to use the First Article forms as defined within AS9102
- Develop professionally
- Network with likeminded peers
- Receive a BSI certificate



Upon successful completion of your course, you will receive an internationally recognized BSI certificate to show your achievement.

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.

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.

Next steps with the BSI Academy



Want to learn more? You may be interested in our comprehensive range of Core tool training courses for aerospace.

bsi.

BSI Group

Kitemark Court
Davy Avenue, Knowlhill
Milton Keynes, MK5 8PP

T: +44 (0)345 086 9000
E: training@bsigroup.com
bsigroup.com/training

Find out more.

Call: **+44 (0)345 086 9000**

Email: **training@bsigroup.com**

or visit: **bsigroup.com/training**