



BSI Training Academy

Aerospace Advanced Product Quality Planning (APQP) and Production Part Approval Process (PPAP) training course

Essential information about the course

Level **1 C 2 C 3**

Aerospace APQP and PPAP are increasingly commonplace methodologies in the aerospace industry to manage and to improve quality, cost and delivery. Increasingly used by aerospace organizations, they are often integrated into project management to help ensure successful product launches based on robust New Product Development processes.

Delegates should already have a good understanding of ISO 9001:2015 and AS/EN/JISQ 9100:2016 related to the scope of your audit.

During the course you will learn about AS9145 which is a structured framework to plan and complete actions of the

product realization cycle which are necessary to ensure quality product(s) are delivered on time, while satisfying cost performance targets. You will also get an overview of the tools, procedures and reporting requirements specified in AS9145; detailing the critical steps in the Product Quality Planning Cycle and the role of the control plan(s).

This one-day activity-based course is structured to optimize your learning using our unique approach to accelerated learning.

Our course agenda

- Course aims, objectives and structure
- APQP and PPAP
 - The core tool cycle
 - APQP Purpose and the 5 Phases
 - APQP and PPAP
 - Terms and definitions
 - APQP requirements
 - Multidiscipline project teams
- Phase 1: Planning
 - Activities, deliverables and phase output
- Phase 2: Product design and development
 - Activities, deliverables and phase output
- Phase 3: Process design and development
 - Activities, deliverables and phase output
- Phase 4: Product and process validation
 - Activities, deliverables and phase output
- Phase 5: On-going production, use and post delivery service
 - Activities, deliverables and phase output
- Control plan
 - Control plan methodology
 - Set up dominant process
 - Develop a control plan
- PPAP
 - PPAP requirements
 - PPAP purpose and applicability
 - PPAP file and submission
- Course review and final questions

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

Aerospace Advanced Product Quality Planning (APQP) and Production Part Approval Process (PPAP) training course

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 responsible for or involved with ongoing process control and process improvement
- You are involved in APQP and PPAP activities
- You are involved in the implementation of AS/EN/JISQ 9100:2016

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?

- Discover the importance of APQP and PPAP within the aerospace sector
- Be able to apply terms and definitions used within AS9145
- 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 other core tools training including:

Advanced Product Quality Planning (APQP) and

Control Plan Methodology

Potential Failure Mode and Effects Analysis (FMEA)

Measurement Systems Analysis (MSA)

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**