



**BUREAU
VERITAS**

Interpretation of AS9145:2016 Requirement Training propose

Interpretation of AS9145:2016 Requirement for Advanced Product Quality Planning and Production Part Approval Process

Delivery Method:	In-House Training: (Face to face / Virtual Classroom) Public Training: (Face to face / Virtual Classroom)
Duration:	9.00-16.30 น. / 2 Days
Course Fee:	15,000 Baht / Person (Public Training)
Category:	Aerospace Standard
Available languages:	Thai / English
Additional Information:	Maximum delegate is 30 Persons / Minimum is 5 Persons in classroom

COURSE VENUE Courses are held at various training centres but alternatively can be held at your premises and tailored for your particular needs. Please contact your local Bureau Veritas Certification office for details

Qualifications:

On completion of the training program, the student will be awarded the following qualifications:

- Certificate of Course Title AS9145:2016 Requirement for Advanced Product Quality Planning and Production Part Approval Process awarded by Bureau Veritas (Thailand) Co., Ltd.

The Certificate of Course Title, issued by Bureau Veritas (Thailand) Co., Ltd. is obtained after completing and passing the qualification examination.

Benefits:

On successful completing the course, delegates will understand requirements of AS9145:2016 and its application. The standard will support organization to establish product development process, product quality planning, production part approval process by uniform approach to comply with the aviation, space and defense industry and also ensure that quality products are delivered on time, while satisfying cost performance targets.



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Participants

This course is essential for new model team, engineer and production, internal auditor, management team and others involved in the auditing or implementation of Advanced Product Quality Planning including PPAP, AS9102 First Article, DFMEA, PFMEA, Control Plan and ongoing process control and process improvement.

Contents

- AS9145:2016 : Requirement for Advanced Product Quality Planning and Production Part Approval Process
 - Understanding of APQP and PPAP Requirement
 - Understanding of term and definition used within AS9145
 - Understanding of 5 phases of APQP including the specific inputs and outputs related to each phase
 - Identify PPAP file and submission requirements
- Relationship with AS9100 : Quality Management Systems – Requirements for Aviation, Space, and Defense Organizations
- Relationship with AS9102 : Aerospace First Article Inspection Requirement
- Relationship with AS9103 : Variation Management of Key Characteristics
- An understanding for effective preparation and step of Design Risk Analysis (DRA), Design Failure Mode & Effects Analysis (DFMEA), Process Flow Diagram, Process Failure Mode & Effects Analysis (PFMEA), Control Plan and Production Part Approval Process (PPAP)



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Time Table

Day 1

09:00-10:30	Introduction – General & Application AS9145 Scope – Purpose & Convention AS9145 Terms and definitions
10:30-10:45	Coffee break
10:45-12:00	AS9145 Advanced Product Quality Planning (APQP) Requirements General Requirement APQP Project Management APQP Phase 1 – Planning APQP Phase 2 – Product Design and Development
12:00-13:00	Lunch break
13:00-14:30	AS9145 Advanced Product Quality Planning (APQP) Requirement APQP Phase 3 – Process Design and Development APQP Phase 4 – Product and Process Validation
14:30-14:45	Coffee break
14:45-16:00	AS9145 Advanced Product Quality Planning (APQP) Requirement APQP Phase 5 – On-Going Production, Use and Post-Delivery Service AS9145 Production Part Approval Process (PPAP) Requirements Relationship with AS9100 and AS9145, AS9102, AS9103 Standards
16:00-16:30	Question and answer

Day 2

09:00-10:30	Understanding for preparation: Design Risk Analysis / Design Failure Mode & Effect Analysis (DFMEA)
10:30-10:45	Coffee break
10:45-12:00	Understanding for preparation: Process Flow Diagram / Process Failure Mode & Effect Analysis (PFMEA)
12:00-13:00	Lunch break
13:00-14:30	Understanding for preparation: Control Plan
14:30-14:45	Coffee break
14:45-16:00	Understanding for preparation: Production Part Approval Process (PPAP)
16:00-16:30	Question and answer