



We empower people to
achieve excellence through
accelerated learning

About TEC

TEC Transnational Ltd specialise in training & implementing modern and effective integrated management systems (Quality & Regulatory) within Aerospace, Aeroengine & Defence industries. In the process we 'coach' the people who will be operating the systems, empowering them to achieve measurable (£), continuous, sustainable improvements in performance and efficiency for their organisations – 'achieving excellence through accelerated learning'.



For sales or support contact us on:

+44 (0)7717 325 955 or +44 (0)7876 568 412

Welcome to our Spring/Summer Newsletter 2025

Foreword By Dr David Scrimshire



Welcome

Welcome to the latest edition of our Newsletter – and thank you for continuing to be part of the TEC Transnational community.

At TEC, we recognise that the aerospace and defence (ASD) sector is evolving faster than ever, with new standards, regulations and customer expectations driving constant change. Staying ahead in this competitive environment requires more than just compliance – it requires competence, confidence, and the right support.

That's exactly what TEC Transnational is here to provide.

In today's climate, where skill shortages are acknowledged as the number one barrier to growth – as highlighted in the World Economic Forum's 2025 survey – investing in high-quality training has never been more essential. Our comprehensive programmes of Face-to-Face and e-Learning courses are designed to help individuals and organisations overcome these challenges with practical, cost-effective learning.

Whether your focus is on mastering international quality standards, enhancing your capabilities, or implementing key processes such as

APQP and PPAP and their associated quality tools, we offer tailored training solutions to suit every role and objective within the aerospace and defence supply chains.

As always, when selecting a training provider, please choose carefully:

- Ensure they hold internationally recognised ASD approvals (e.g. CQI|IRCA, IAQG, Probitas Authentication)
- Avoid generalist organisations who do not specialise in the aerospace, defence or safety-critical sectors
- Ask for detailed course syllabi for complete transparency
- And if the provider isn't ISO 9001 certified, ask why they promote certification and training!

We're proud to continue supporting our clients with the very best training, mentoring, and qualification services – and we look forward to helping you drive success through capability and confidence.

Thank you for joining us on this journey of growth and innovation. Together, we can achieve excellence in the ASD industry.

Mastering Essential Quality Standards, Processes & Tools:

Now more than ever, essential QUALITY PROCESSES and QUALITY TOOLS must be incorporated in aerospace/defence quality management systems to meet customer and regulatory requirements.

These requirements augment the requirements of the 2026 edition of the IA9100 series of standards, aligned with the NEW ISO 9001. Deploying the necessary quality processes and tools will require time and empowerment training to bridge any 'skill gaps'.

For aeroengine suppliers, the next revision to AS13100 will again include 9100 and AS9145 (APQP & PPAP), with supplementary requirements and essential 'core defect prevention quality tools'.

Other aeronautical regulatory requirements (Part 21 Sub G & J) and defence sector standards (AQAP 2110, 2310 & 2105) and guidance documents (IA9137) must also be addressed as appropriate.

Our e-Learning portfolio gives you the opportunity to complete a course within your own time and in a safe environment.

Aerospace & Defence Quality Processes

- AS9145 APQP & PPAP
- AS9102 – First Article Inspection
- Human Factors & Countermeasures
- Configuration Management (CM) & Notice of Change (NOC)
- Counterfeit Parts Prevention
- AS9146 FOD Prevention
- Safety Management System (SMS)

Aerospace & Defence Quality Tools

- Disciplined Problem Solving and 8D
- Effective corrective action for managers & process owners
- Design Failure Mode & Effects Analysis (DFMEA)
- Process Failure Mode & Effects Analysis (PFMEA) & Control Plans
- Process control methods & SPC
- Measurement Systems Analysis (MSA)

Our public, e-Learning or in-company training & qualification courses

Visit tectransnational.com then go to
'Training & Qualification' for the full range of courses
and dates available over 2025/2026 or to reserve your
place(s) via our online booking facility. Alternatively, you
can call our training coordinator on **07876 568412**.

- Group Discounts & Industry Membership Discounts are available
- Credit card payments accepted, or you can choose to pay on invoice

Alternatively, if you would prefer the training to be conducted at your site please contact our Sales team on **07717 325955** for a quotation.



For the full range of courses or to book, please visit
tectransnational.com then go to **'Training & Qualification'**.

The Growing Importance of APQP & PPAP in Aerospace and Defence Supply Chains

By Dr David Scrimshire – MD of TEC Transnational

As the aerospace and defence industries continue to demand the highest levels of product quality, traceability and process control, more and more customers are mandating the use of APQP (Advanced Product Quality Planning) and PPAP (Production Part Approval Process).

At TEC Transnational, we're witnessing a significant shift – a growing number of our clients are being asked to implement AS9145 requirements across their supply chains. For aero-engine suppliers, AS13100 introduces further supplemental mandates from the Aerospace Engine Supplier Quality (AESQ) group.

Why It Matters

Operating under stringent safety regulations and extended product lifecycles, aerospace and defence manufacturers must ensure absolute process robustness. APQP and PPAP bring a wealth of benefits:

- Consistently higher product quality
- Lower costs through improved efficiency
- Enhanced risk management
- Increased customer confidence and satisfaction
- Greater visibility and control over sub-tier suppliers
- A platform for sustainable continual improvement

Effective Implementation Requires Mastery of Key Tools

True success lies in understanding and applying the full suite of APQP methodologies and tools, including:

- DFMEA & PFMEA (Design & Process Failure Mode and Effects Analysis)
- Control Plans and Process Flow Diagrams
- MSA (Measurement Systems Analysis)
- Process Capability Studies
- First Article Inspection (FAI)
- Continuous Improvement strategies

Join Our AS9145 APQP & PPAP Master Class

Visit tectransnational.com then go to 'Training & Qualification'.

Testimonials

Peter Clements - Triumph Structures

Having just received AS9100 Auditor training, Triumph would like to thank TEC for a brilliantly executed and very educational course. The trainer was very down to earth, he came across extremely knowledgeable and passionate about AS9100. Some of the other staff who have had previous audit training from other companies, actually commented on how the course was so much more informative and were impressed with the manner in which the training had been conducted.

Natasha Ball - Quality - E/M Coating Services - Curtiss-Wright

I have just completed the 2 day problem solving course with TEC and I just have to say how fantastic the trainer was. The way he delivered the course made it easy to understand and using his real life examples really helped me comprehend how to implement it in to my company. I can't thank TEC enough as the support is fantastic and I really enjoyed the course. I really hope I get to train with you again.

Jonathan Lopez - My training journey with TEC - Meggitt PLC

TEC Transnational have provided me with training consistently of the highest standard over the last several years, and my most recent AS9100 Lead Auditor course was no exception. There are a number of times in my career where discussions in TEC's courses have provided a useful route through a particular workplace challenge. TEC's training process provides a truly practical, evidence-based, approach to improving competence, helping the recipient to navigate some very challenging components of aerospace quality management systems.

Further, the Woodland Grange venue had taken great trouble to ensure that hospitality was maintained with careful pandemic management steps implemented. At every point of my stay, I found the staff to be genuinely helpful and risk reduction steps in place at every point.

I would not hesitate to recommend TEC's AS9100 Lead Auditor course for anyone wishing to raise their professional game in Aerospace Quality Management. I consider it an essential course for anyone wishing to be successful as a Quality Manager or Auditor.



Training and Qualification

List of all training courses available

Training Course	Face-to-Face	E-Learning
AS9100 Foundation Training		
AS9100 Internal Auditor Training (IAQG Approved)		
AS9100 Lead Auditor Course (CQI/IRCA & IAQG Certified)		
AQAP 2105 - Quality Plans		
Configuration Management & Notice of Change		
APQP & PPAP 3 Day Master Class		
APQP & PPAP 2 Day Introduction		
APQP Auditing & Layered Process Auditing		
AQAP 2110 & 2310 Understanding & Implementing		
AS9100 Foundation for Top Management		
AS9102 Rev C - FAIR Practitioner		
Counterfeit Parts, Conflict Minerals & Product Safety		
Design Failure Mode & Effects Analysis (DFMEA)		
Disciplined Problem Solving & 8D		
Effective Corrective Action for Managers		
FOD Prevention Programme in Manufacturing (AS9146)		
Human Factors & Countermeasures		
IAQG ASD Industry Specific Knowledge Course (TCSS 002)		
IAQG Aviation Maintenance (AM) Specific Knowledge Course (TCSS 003)		
IAQG Regulatory Aviation Maintenance (AM) Specific Course (TCSS 004)		
Introduction to quality management and ISO 9001-based standards		
Internal Auditor for ISO 9001 based Standards		

Training Course	Face-to-Face	E-Learning
Lean Practitioner Training Program	✓	
Lean Six Sigma Green/Black Belt Training	✓	
Lean Six Sigma White Belt Training	✓	
Lean Six Sigma Yellow Belt Training	✓	
Measurement Systems Analysis (MSA)	✓	✓
Optimize your AQMS using OCAP & PBS/RP	✓	✓
Process Failure Mode & Effects Analysis (PFMEA) & Control Plans	✓	✓
Risk management and PFMEAs for operators	✓	
Safety Management System (SMS) – Practitioner Course	✓	✓
Safety Management System (SMS) – Management Orientation Course	✓	✓
Team Leader Development Program	✓	



For the full range of courses or to book, please visit
tectranational.com then go to 'Training & Qualification'.

Meet the Team



David Scrimshire - Managing Director & Founder

Dr David Scrimshire is a “knowledge worker”, an enthusiastic communicator, trainer, e-Learning course designer and consultant dedicated to turning world-class production/quality principles into practical approaches that can be used immediately by manufacturing organizations.

Over 50-years consulting and training experience working with both multinational supply chains and SMEs in the UK, USA, Europe and Africa – Aviation, Automotive, Defence (Land/Air/Marine), Motorsport, Rail and Nuclear.



Sonia Scrimshire – Co-Director

Sonia has been Co-Director of TEC Transnational for over 35 years, leading the company’s marketing and digital transformation. Her work has made our training and support services more accessible to clients worldwide, helping position TEC as a trusted global provider in the aerospace and defence sectors



Joanne Saggs - Office Manager

With over 37 years at TEC, Joanne supports clients throughout their training and quality management journey. She ensures a smooth, professional experience from booking to certification – always with a personal touch.

As she says: “We’re a small team – small but mighty – and I look forward to working with you all!”

Coming in the Next Edition: **Meet Our Expert Trainers**

In our Autumn/Winter issue, we’ll be introducing the expert trainers who deliver TEC’s world-class training programmes.

TEC Summer Discount

Advance Your Skills During Summer Downtime

Make the most of the quieter July period and **save 10%** on all public course bookings throughout the month.

Whether you're looking to:

- Achieve CQI/IRCA or IAQG certification
- Boost internal competence ahead of audits
- Upskill your team with recognised qualifications
- Build competitive advantage in Q3...

Now's the time to act.

Applicable to all public training courses

- AS9100 Internal & Lead Auditor Training
- Core Tools & PPAP
- ISO 9001 & ISO 10015 Competence-Based Training
- APQP, FMEA, SPC, MSA and more...

Use Discount Code at Checkout:

TECSUMMER

Offer valid for bookings made between 1st–31st July 2025

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