



Preparing for the Changes

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 organizations – 'achieving excellence through accelerated learning'.



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Welcome to our First Newsletter of 2026

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.

As the landscape of quality management continues to evolve, organizations are preparing for some of the most significant updates in recent years! With major revisions to ISO 9001 and the AS/IA9100 series on the horizon, businesses across sectors are beginning to assess how these changes will shape their Quality Management Systems (QMS) and operational strategies.

At the forefront of supporting this transition is TEC Transnational Ltd, a long-established global leader in quality management consultancy, training, and implementation. TEC has been guiding organizations worldwide in achieving and maintaining compliance with Aerospace & Defence standards – empowering them not only to meet international standards but also to build the right culture to support them.

Two of the most important shifts emerging from these revisions is the demand for Top Management to demonstrate leadership and commitment by promoting quality culture and ethical behaviour.

Quality Culture

“Quality is at the heart of everything we do. Every aircraft part we make may one day carry lives thousands of feet above the ground.

That's why we don't just meet standards – we set them. It's the way we think, work, and take responsibility for the quality of every component we produce.”

Ethical Behaviour

“Ethical Behaviour is a company-wide atmosphere of trust and in which our people are encouraged (even rewarded) for reporting essential safety-related information without fear, but in which they are also clear about where the line must be drawn between acceptable and unacceptable behaviour”.

TEC Transnational has long championed these values, helping organizations foster environments where continuous improvement thrives, teams feel empowered to report issues honestly, and leadership drives change through integrity and shared purpose.

In this issue, we explore what lies ahead for ISO 9001:2026 and IA9100:2027, outline key changes, and examine how new requirements – particularly those addressing climate change and cultural maturity – will shape the future of quality management.

Whether you're leading a quality function, managing certification, or driving continuous improvement, TEC Transnational's analysis will help you understand what's coming—and how to stay ahead of the curve.

Preparing for the changes:

The much-publicized revisions to both the ISO 9001 and AS9100 series are finally progressing at a pace, so it's not too early to consider what changes you'll need to make to your existing Quality management System (QMS).

Anticipated ISO 9001:2026 changes

The release of ISO/DIS 9001:2025 confirms that the 2024 climate-change amendments will be fully incorporated into ISO 9001:2026. Clause 6 has been strengthened with a new requirement, 6.1.3, covering actions to address opportunities as well as risks. Numerous sections of the standard have been reworded, simplified or reorganised to provide greater clarity and emphasis on existing intent.

Top management obligations have been expanded: clause 5.1.1 now requires the promotion of a quality culture and ethical behaviour, and "Quality" has been added to clause 5.2. Additional requirements ensure the quality policy is understood and applied across the organisation, and that opportunities for improvement are formally reported to top management.

Management review inputs have also been extended through a new clause requiring consideration of changes in the needs and expectations of interested parties. The updated Annex A provides extended, non-auditable clarification of terminology—including "appropriate", "consider" and "ensure"—along with improved definitions for controlled documents and records.

Anticipated IA9100:2027 series changes

Work on the IA9100 series began in 2021, with fourteen key themes identified, including APQP, remote surveillance, product safety, human factors, cybersecurity, counterfeit prevention, culture and ethics, FOD, sub-tier supplier control and transfer of work.

Because IA9100 incorporates ISO 9001 requirements, its publication cannot occur until the revised ISO 9001 is finalised. With ISO 9001 now expected in 2026, IA9100 is unlikely before 2027. Further dependencies include the release of the IA9104 trilogy and IA9101, as well as translation into the seven additional IAQG-approved languages.

Climate Change requirement

The new ISO amendment requires organisations to review climate-related internal and external issues—including the needs and expectations of interested parties—when maintaining their QMS.

In practice, many ISO 9001 clauses already provided the basis for considering climate impact, including clauses relating to organisational context, interested parties, quality policy, risk identification, operational planning, waste reduction, management review and improvement. These areas now gain increased visibility and must explicitly reflect climate-related risks and opportunities.

Organisations should take clear, high-profile action to ensure climate considerations are embedded into the design, operation and continual improvement of their QMS, rather than being overlooked or treated as optional.

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

Visit tctransnational.com then go to 'Training & Qualification' for the full range of courses and dates available throughout 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 tctransnational.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

Article

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'.

AS9100 Lead Auditor Training: Real Learner Insights Driving Aerospace Excellence

Daniella Shelley



1. What was your favourite part of the AS9100 Lead Auditor training — whether it was the tutor, the group discussions, or something else that stood out?

I enjoyed the group activity performing an audit on the document pack provided and working together with like minded people. It helped see other people's approach to a similar problem as well as getting interactive feedback from the tutor as we went. It was a lot of fun and helped me feel more confident before the exam.

2. How has achieving the AS9100 Lead Auditor qualification made a difference for you personally or professionally?

I now have more confidence building our QMS internally and I'm looking to get more external audit experience now in order to progress as an Authenticated Auditor. Ideally I would like to work with an auditing body next and build a portfolio that would allow me to freelance as a consultant and aerospace auditor.

3. In what ways has the course helped you become a better auditor and added value to your organisation?

Prior to the course I didn't have any formal training so this has had a huge impact on my understanding of the standard and helped me better structure our company's QMS ready for the stage 1 audit as well as improve our internal auditing program.

4. If you could sum up the course in three words, what would they be?

Intense, Informative, empowering. I definitely have more confidence now than I did prior to the course!

5. Would you recommend this training to others in aerospace and defence — and if so, why?

Absolutely. Not only is the course well structured for efficient learning, the tutor was brilliant and helped with every query I had. I came away with strong auditing skills, a better understanding of aerospace specific requirements and practices and the support getting registered with IRCA was a nice bonus!



Training and Qualification

List of all training courses available

Training

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

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



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

Meet the Team



Nia Scrimshire - Senior Trainer & Auditor

Nia Scrimshire is a Trainer and Auditor with over 10 years at TEC, delivering AS9100 and quality management training across various industries. An IRCA and CQI approved ISO 9001 and AS9100 auditor, she specializes in AS9100 QMS audits. Outside of work, Nia is a competitive rider who has retrained her ex-racehorse to compete at Advanced Level Dressage

Associates



Dr. Adrian Gundy - External Training Partner

Dr. Adrian Gundy leads a team providing audit, training, and process improvement across the UK and Europe. A CQI-IRCA Certified AS9100 Principal Auditor, he specialises in aerospace, defence, and medical device sectors. With over 20 years' experience, Adrian is also a dynamic trainer known for practical, engaging instruction in aerospace quality standards.



Peter Hartland - External Training Partner

Peter Hartland helps businesses achieve and maintain key quality standards like AS9100, ISO9001, and IATF 16949. With years of experience in auditing, process improvement, and compliance, he simplifies complex requirements into practical solutions that boost efficiency. Fun fact: Peter recently learned to ride a motorcycle and now enjoys adventures on his BMW 750GS.

Meet the Team



Martin Green - External Training Partner

Martin Green is a seasoned Senior Consultant, Coach, and Trainer with broad experience across automotive, aerospace, and defence industries. Formerly in director roles at General Motors, JLR, and Caterpillar, he combines engineering expertise with an MBA and international experience. Based in Warwickshire, Martin specialises in aerospace best practices and as a true car enthusiast, he always arrives in a different vehicle.



Pete Matthews - External Training Partner

Pete Matthews, a former Royal Navy Air Engineer with 28 years of service, is a Defence and Aerospace Quality specialist. He audits for UKAS-accredited bodies and trains professionals in AS9100, ICAO SMS, and quality tools. Outside work, Pete enjoys time with his grandchildren, model flying, restoring his classic 1962 Rover P4, and pursuing his pilot's licence.



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