

Aerospace auditor training courses

9100 Aerospace Industry Specific Course



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TEC TRANSNATIONAL
2010 DATES



Course objectives & outline

This 3-day **TPAB (A/D/S) approved** course is intended for **internal auditors** and potential **CRB assessors** who are already ISO 9001:2008 savvy, and need to make the transition to **Aerospace Experienced Auditor** status.

Students who successfully complete the **Course & Exam** will

be able to demonstrate a sound understanding of the *aerospace industry, regulatory requirements, and related industry-specific best-practices and procedures* (e.g. FAIR, Key Characteristics, FOD control, Calibration control, Special Processes, Risk Management).

See overleaf for syllabus →



TEC are committed to empowerment, the 'process approach' and integrated and value-added management systems.

Approved training for Aerospace Lead Auditors



New stringent IAQG auditor requirements

The **IAQG** have set out their rules for AQMS audit personnel in the **IAQG 9104-1** document. These requirements are mandatory for **CRB assessors**.

They are also applicable to any company conducting **internal** or

external audits of AQMS systems or those who manage the competency element of an AQMS audit program.

All auditors must now demonstrate their competency.

Interactive training, case studies & workshops

The 'blended learning' course is highly *interactive* and features *individual and group activities, case studies and role-playing*.

Best practice implementation strategies are illustrated with 'real-world' examples which

include *worked examples of calculations* (C_{pk} , SPC, Gauge R&R studies, etc.).

Every attendee is provided with a complete set of course notes to supplement the training. Examples of *documents, checklists and forms* are included.



Blended learning – interactive sessions

Quizzes, Examination & Qualification



Evaluation involves Quizzes & Examination

Evidence of a student's achievements of all learning objectives is *measured* by the Instructor through a combination of **quizzes, continual evaluation** throughout the duration of the course plus a **written and multiple-choice answer**

examination. Exam duration is 1½ hours – the **IRCA** pass-mark is 70%. Understanding the **process approach**, the clauses of **AS/EN9100, 9102, and 9103** plus applicable **regulatory requirements** (EASA) is included.

For details of the Learning Objectives and Booking Form see overleaf →

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Contact us for details of
on-site training courses

Coventry & Warwickshire Chamber of Commerce
'Oak Tree Conference Centre', Binley, Coventry

☐ 17 – 19 August 2010 – full

9100 Aerospace Industry Specific Course and Examination (3-day)
fee is **£960 + VAT** per attendee – refreshments and lunch are provided

To book places on our training course please complete this form and mail a copy with your cheque to **TEC Transnational Ltd Suites 1 & 2, 48 Fentham Rd, Hampton-in-Arden, Solihull B92 0AY**. Make your cheque payable to **TEC Transnational Ltd**. A VAT Invoice will be sent on receipt. **Call us for new dates.**

Alternatively, fax the completed form to **01926 851 397** and we will invoice your company directly.

Full details of the venue and joining instructions will be mailed to you on receipt of payment.

*The course can be delivered on-site –
call us on 01926 851 403 for full details and costs*

Booking form – Fax to 01926 851 397

Attendee name(s)

Company

E-mail

Phone

Address

Course topics

The **3-day course** addresses the following topics through interactive training, individual & group assignments and workshop sessions –

Quality perspective of the aerospace industry
Overview Civil Aviation Authority roles, responsibilities, and regulations, including how to obtain additional information
Principles of Military aerospace requirements and regulations, including how to obtain additional information
Overview government space organization roles, responsibilities, and regulations, including how to obtain additional information
Overview airworthiness and aviation safety requirements, including how to obtain additional information
Aerospace Quality Management Systems – using the *process approach*
Design, development, verification, and validation processes specific to the aerospace industry
The process of FAI (first article inspection) in line with AS/EN9102A

Aerospace material traceability requirements and accountability systems
Identification of aerospace subcontractor approval and control requirements
Handling variation management of key characteristics (AS/EN9103)
Quality requirements 'flow down' of requirements
Foreign Object Damage (FOD) prevention program requirements
Use of customer property and supplied products
MSE, calibration controls and positive recall system
Acceptance authority media and stamp control
Special processes – including Nadcap
Identification of nonconforming material, system requirements, and operation
Sampling inspection requirements and limitations
Program/project management in the aerospace industry
The risk management process
Mission assurance/safety
Configuration management/requirements control – 'mod status'



Our AS/EN9100 (AS/EN9110 and AS/EN9120) training courses have been re-written to embrace the 2009 changes in the standards

All of our courses are ASCS (A/D/S) approved and include the aerospace auditor qualification examination

Contact us or visit our website (www.asen9100.com) for a full schedule of 2009 – 2010 public training courses. All of our courses are available as in-company events with the resulting cost savings