



## **AS 9100 Rev C or AS 9120:2009 Transition Policy**

### **Transition to 2009 AQMS Standards (i.e. AS 9100 Rev C or AS 9120:2009)**

The AQMS Standards including AS 9100 series are periodically reviewed and revised by the International Aerospace Quality Group (IAQG) to ensure that they continue to improve product and process integrity. On January 15, 2009, the IAQG published an updated version of AS 9100:2009, *Quality Management Systems - Requirements for Aviation, Space and Defense Organizations Deployment Support Materials*.

This International Standard specifies requirements for a quality management system where an organization a) needs to demonstrate its ability to consistently provide product that meets customer and applicable statutory and regulatory requirements, and b) aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements. NOTE 1 In this International Standard, the term 'product' only applies to a) product intended for, or required by, a customer, b) any intended output resulting from the product realization processes. NOTE 2 Statutory and regulatory requirements can be expressed as legal requirements.

In conjunction with the publication of AS 9100 Rev C & AS 9120:2009, the IAQG Other Party Management Team (OPMT) has issued several updates include the 2009 IAQG OPMT Industry Controlled Other Party (ICOP) Improvement Initiatives and the IAQG Training deployment for the Aerospace Auditor Transition Training. The documents are available on the IAQG web site, at [www.sae.org/iaqg/organization/opmtupdates.htm](http://www.sae.org/iaqg/organization/opmtupdates.htm)

### **Timelines for Transition**

NSAI is officially accredited to offer certifications to AS 9100 Rev C / AS 9120:2009 as of January 14, 2011. IAQG has published the following implementation plan to ensure smooth migration of accredited certifications to AS 9100 Rev C / AS 9120:2009

**Effective July 1, 2011**, all audits (new certifications, re-certifications or surveillance) shall be to the 2009 AQMS Standards (i.e. AS 9100 Rev C or AS 9120:2009).

**Effective July 1, 2012**, any existing certifications issued to AS 9100B shall be invalid.

## Key Questions and Answers

**Q: What if NSAI identify a finding against AS 9100 Rev C / AS 9120:2009 before 1 July 2011 if your system is audited to AS 9100 Rev B?**

A: The finding(s) will be classified as an opportunity for improvement only. No specific solution will be provided in the classified opportunity for improvement. The finding will be reviewed during the next audit after 1 July 2011. All audits after 1 July 2011 shall be conducted to AS9100 Rev C. If the finding is not rectified after audit conducted after 1 July 2011, it will be cited as a non-conformity.

**Q: What if NSAI raise a finding against AS 9100 Rev C / AS 9120:2009 after 1 July 2011?**

A: The finding(s) will need to be closed as any other deviation identified during the audit.

**Q: When does my current AS 9100 B / AS 9120 certificate expire?**

A: Either on the expiry date stated or, if this is after 1 July 2012, it will cease to be valid on 1 July 2012.

**Q: Where can I find out more about the changes?**

A: We have provided a brief summary of the changes below and utilize the link below to purchase a copy of the revised standard.

[http:// www.sae.org/iaqg/organization/opmtupdates.htm](http://www.sae.org/iaqg/organization/opmtupdates.htm)

## GUIDE TO CHANGES IN AS 9100 Rev C

*Disclaimer: This list is not exhaustive*

CLAUSE	CHANGE
1	<b>Scope and Application</b> Scope extended to include Defense as well as Aviation and Space
3.1	<b>Risk</b> Add / define new term
3.2	<b>Special Requirements</b> Add / define new term
3.3	<b>Critical Items</b> Add / define new term
4.1	<b>QMS General Requirements</b> The organization's QMS shall address Customer and applicable statutory and regulatory QMS requirements (This requirement was previously in Clause 4.2.1)
4.2.2	<b>Quality Manual Relationships</b> Requirement to create a document showing the relationship between AS 9100 requirements and the organizations documented procedures. (This requirement is deleted)
5.2	<b>Customer Focus</b> Top management shall ensure that product conformity and on-time delivery performance are measured and that appropriate action is taken if planned

	results are not or will not be achieved. (This requirement is added)
<b>7.1.1</b>	<b>Project Management</b> An appropriate to the organization and the product, the organization shall plan and manage product realization in a structured and controlled manner to meet requirements at acceptable risk, within resource and schedule constraints. (This requirement is added)
<b>7.1.2</b>	<b>Risk Management</b> The organization shall establish, implement and maintain a process for managing risk to the achievement of applicable requirements, that includes as appropriate to the organization and the product a) Assignment of responsibilities for risk management b) Definition of risk criteria c) Identification, assessment and communication of risks throughout product realization d) Identification, implementation and management of actions to mitigate risks that exceed the defined risk acceptance criteria e) Acceptance of risks remaining after implementation of mitigating actions (This requirement is added)
<b>7.1.3</b>	<b>Configuration Management</b> Requirement is moved from Clause 4.3 to 7.1.3. Add note to refer to ISO 10007 “Quality Management Systems – Guidelines for configuration management”
<b>7.1.4</b>	<b>Work Transfer</b> The organization must have a process to plan and control the transfer activities. Expanded to cover permanent transfer (e.g. from one organization to another, from one organization to supplier, from one supplier to another) and to verify the conformity of the work to requirements. Requirement is moved from Clause 7.5.1.4 to Clause 7.1.4
<b>7.2.1</b>	<b>Customer related process</b> Requirements related to the product can include special requirements. (This note is added)
<b>7.3</b>	<b>Design &amp; Development</b> Some of the requirements have been reworded. Notes in Clause 7.3.5 and 7.3.6 were removed.
<b>7.4.1</b>	<b>Purchasing Process</b> One factor that can be used during supplier selection and evaluation is supplier quality data from objective and reliable external sources, as evaluated by the organization. Use of such data would be only one component of an organization’s supplier control process and the organization remains responsible for verifying that purchased product meets specified purchase requirements. (This note is added)  Examples for “approval status” and “scope of approval” were provided.
<b>7.4.3</b>	<b>Approval Status for suppliers</b> A note regarding “Customer verification activities” is added.

	<p>Requirement “Verification activities may include” has been changed to a note.</p> <p>Where the organization utilizes test reports to verify purchased product, the data in those reports shall be acceptable per applicable specifications. The organization shall periodically validate test reports for raw material. This requirement is deleted)</p>
<b>7.5.1</b>	<p><b>Production Process Verification</b></p> <p>This process shall be repeated when changes occur that invalidate the original results (e.g. engineering or manufacturing process changes, tooling changes).</p> <p>Moved from 8.2.4.2 (First Article Inspection) with additional wordings on the requirement.</p>
<b>7.5.1.4</b>	<p><b>Post Delivery Support</b></p> <p>Previous 7.5.1.5 requirements were modified and with new clause title</p>
<b>8.2.1</b>	<p><b>Customer Satisfaction</b></p> <p>Information to be monitored and used for the evaluation of Customer satisfaction shall include but is not limited to:</p> <ul style="list-style-type: none"> <li>- corrective action requests.</li> <li>- Customer complaints</li> <li>- on-time delivery performance</li> <li>- product conformity</li> </ul> <p>Organizations shall develop and implement plans for improvement of Customer satisfaction that addresses deficiencies identified by these evaluations and assess the effectiveness of the results. (This requirement is added.)</p>
<b>8.2.2</b>	<p><b>Internal Audit</b></p> <p>Planned arrangements include customer contractual requirements (This requirement is changed to a note)</p> <p>“Detailed tools and techniques .....” paragraph is removed.</p>
<b>8.2.4</b>	<p><b>Monitoring and measurement of Product</b></p> <p>“When the organization uses sampling inspection....” and “Where product is released for production.....” paragraphs are more explicitly stated in the standards.</p>