



Updates on the ASA-100 Standard and ASA's certification program to ISO9001:2015, AS9100/AAS9110/AS9120

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ASA-100 changes

During the Quality Committee held on December 1, 2016 the following changes were proposed to the ASA-100 revision 4.0 standard. These changes were motioned and approved by the Committee and approved by the Board of Directors of ASA.

ASA standard section 3(c) new language

“Aircraft parts, and parts that could be reasonably assumed to be sold for aircraft use, shall be segregated from non-aircraft parts.”

ASA standard section 5(c) new language

“The distributor shall maintain a list of its approved suppliers and a quality history for each. The distributor shall describe the criteria for supplier approval.”

ASA-100 changes continued

ASA standard section 5(d)(3) new language

“3) items identified as overhauled, repaired or modified have the appropriate signed and dated documentation to substantiate the condition of the part.”

ASA standard section 8(c) new language

“Recall Control: The distributor shall maintain records for parts and the quantities sold to each customer, to facilitate a recall notification.”

ASA-100 changes continued

ASA standard section 8(h) new language

“Non-Conforming Materials: The distributor quality system shall have a procedure for identifying and controlling suspect or non-conforming material that is identified in section 5(c) of ASA-100.”

1. Material that is identified during receiving inspection (or later), shall be segregated until such suspicion or nonconformance can be properly resolved. Segregation is effective in preventing inadvertent sale or transfer of the suspect or nonconforming material prior to the identification of an appropriate disposition.
2. Where discovery of non-conforming material is made after the material has been shipped to a customer, the distributor shall notify the customer in writing, in a timely manner.

ASA-100 changes continued

Add visibility of Dropshipment within ASA standard

In Article II Defintions, the following definition will be added:

“Drop Shipment: When a distributor ships directly from a distributor’s supplier to the distributor’s customer.”

In section 5(a) add a subsection (1) that reads

“1) This shall include Drop Shipments.”

ASA-100 changes continued

In section 6(a) change the language to:

“Inspectors shall conduct a visual inspection of all incoming parts and materials. The inspection shall include, if applicable:

1. a check for any obvious physical damage,
2. verification that all appropriate plugs and caps are installed, if applicable,
3. Verification that part numbers (including dash numbers, etc., of the items, match the accompanying documentation,
4. Verification that the quantity, part numbers or noted part number substitutes (including dash numbers and letters), model numbers, etc., of the items match the request/purchase order, and
5. Verification that all appropriate required documentation (maintenance release, material certification, traceability documents, etc.) is at hand, and is properly completed and signed.”

ASA-100 changes continued

In section 11(b) change the header language to remove the unnecessary term “complete” before the visual inspection and mirror the changes made in 6(a)

“The distributor quality system shall provide for appropriately trained personnel to conduct a visual inspection of all items being shipped. Inspection shall include if applicable.”

In section 11 (b), add a subsection (8) to specify a requirement for drop shipment:

“(8) The distributor shall ensure that all documentation relating to drop shipments are reviewed and approved.”

In Article II, Definitions, change the defined term “Distributors to the singular “Distributor”

ASA-100 changes next steps

By the end of August the approved changes will be incorporated into the following documents.

- ASA-100 standard
- Audit Checklist
- Quality manual template
- Intelex audit management system

The revised standard will be released on October 1, 2017 and ASA will audit to the new standard on this date if requested by the accredited organization.

As of January 1, 2018 ASA will perform all audits of Distributors seeking accreditation for the initial time and existing accredited Distributors to the new revision.

AS9100D/AS9110C/AS9120B Transition update

ASACB has successfully transitioned all of its accredited certification programs under ANSI-ASQ National Accreditation Board. ASACB's status within OASIS as an approved certification body has been updated to reflect this transition. This allows us to provide audits to ISO9001:2015 and AS9100D/AS9110C/AS9120B standards.

All of ASACB auditors have successfully completed and passed the Aerospace Auditor Transition Training courses for the applicable AS standards each is authenticated to audit. ASACB has sought and hired additional auditors in locations worldwide.

All audits as of June 15, 2017 are required to be performed to the new revisions of AS9100D/AS9110C/AS9120B

ASACB has also decided to perform all ISO9001 audits to the 2015 revision as of the June 15, 2017 going forward.

AS9100D/AS9110C/AS9120B Transition update continued

As of December 31, 2016 ASACB has requested and received letters of commitment to transition to the new AS9000 series standards from our existing certified organizations.

All organizations that have achieved certification through ASACB after January 1, 2017 have been contacted or in the process of being contacted to provide their commitment to transition to the new standard.

ASACB has rolled out informational webinars on topics related to the new standards. In addition one day workshops have been held in FL and CA on the new AS9120B standards requirements. Future AS9120B workshop is confirmed for Dallas, TX on August 30, 2017 and AS9100D and AS9110C workshops are confirmed for Huntsville, AL on September 20 and 21, 2017. Registration information will be posted on www.aviationsuppliers.org website.

AS9100D/AS9110C/AS9120B Transition update continued

ASACB has made transition information available on our website. This information can be located at <http://www.aviationsuppliers.org/AQMS-2016-Transition>

And,

<http://www.aviationsuppliers.org/Transitioning-to-ISO-9001-2015>

This information is updated as it becomes available.

ASACB brings a unique perspective on the AS9120B standard. George Ringger, ASACB's accreditation manager was one of the four writing team members and the only entity that had direct representation and interest of the distribution industry.

AS9120B revision 2016

Key Changes (from ISO 9001:2015)

- High Level structure & Terminology
- Risk-based thinking
- Process approach strengthened with integration of the QMS into organization's business processes
- Emphasis on change management
- Concept of preventive action now addressed throughout the standard in risk & opportunities, nonconformance & corrective action clauses

AS9120B revision 2016

Key Changes (from ISO 9001:2015)

- Clearer understanding of the organization's context
- Aligning QMS policy and objectives with the strategy of the organization
- Explicit performance evaluation requirements
- Greater flexibility with documentation
- More compatible with services

Not required to adjust strictly the organization QMS
to the new structure and terminology

AS9120B revision 2016

Key Changes (in the ASD requirements)

As a consequence of the new ISO 9001 structure:

- 9120 additions have been **relocated** into appropriate ISO sections
- the requirements are better **organized** and **clarified**, with notes and examples to enhance understanding

AS9120B revision 2016

Key Changes (in the ASD requirements)

- Product safety
added in carefully selected areas
- Counterfeit parts prevention
added in a separate clause and in selected areas
- Risk
merged current 9100 requirements with the new ISO requirements and emphasis on risks into 9120 in appropriate areas
- Configuration management
clarified and improved to address stakeholder needs
- Awareness
reinforced requirements for awareness of individual contribution to quality
- Human factors
included as a consideration in nonconformity / corrective action

AS9120B revision 2016

Key Changes (in the ASD requirements)

- Product Realization & Planning limited for application to a Distributor
- Post Delivery Support merged new 9100 and ISO requirements into 9120 in appropriate areas
- Project Management & Work Transfer combined with Operation Planning clause and worded in the context of a Distributor
- Quality Manual note added pointing to the requirements that make up a Quality Manual or the equivalent
- Management Representative requirement added back in for QMS oversight

AS9120B revision 2016 HLS: High Level Structure

Implementation Considerations

- If your current documentation system is structured (based) on a previous revision of the standard, **consider re-arranging your QMS documentation around the value stream of your company!**
 - A value-stream based QMS allows you to **customize** your documentation to your unique business needs that makes sense to your leadership and associates – it describes what you do
 - It supports **compliance** to the new requirement to integrate your QMS to your business processes
 - It sets a **foundation** for the future. Change will be dictated by the business – not by a structure change of the standard on which it is based.

AS9120B revision 2016 HLS: High Level Structure

■ Implementation Considerations

Annex A in 9120:2016 states the following:

- The clause structure and some of the terminology have been changed to improve alignment with other management systems standards.
- The consequent changes in the structure and terminology **do not need to be reflected in the documentation** of an organization's quality management system.
- The structure of clauses is intended to provide a **coherent presentation of requirements rather than a model** for documenting an organization's policies, objectives and processes.
- There is no requirement for the structure of an organization's quality management system documentation to mirror that of the International Standard.

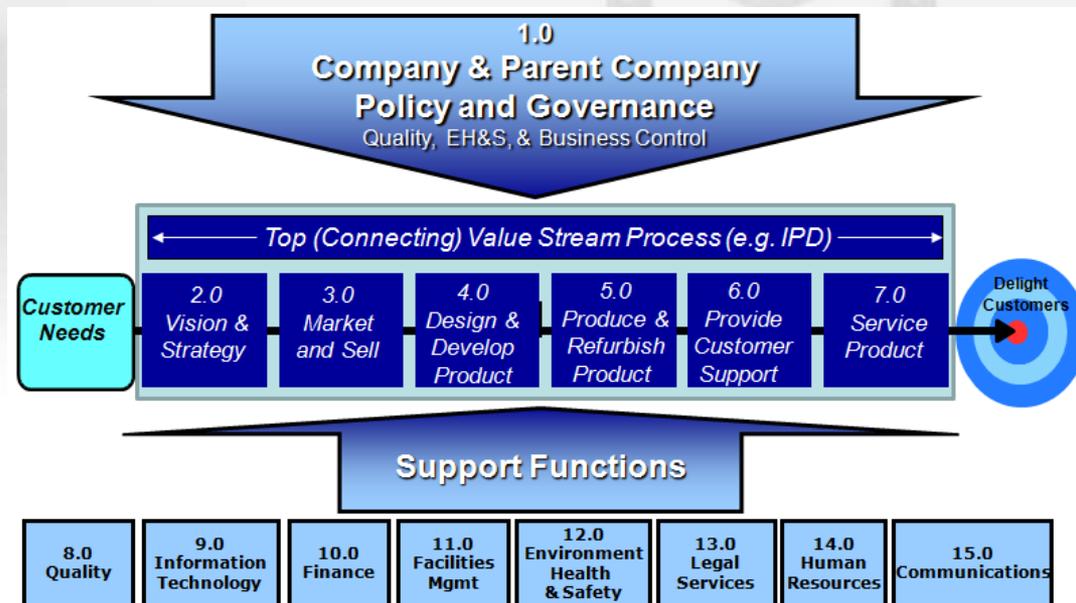
AS9120B revision 2016 HLS: High Level Structure

■ Implementation Considerations

Annex A in 9120:2016 states the following:

Example of Process Based QMS

Company Management System around a Value Stream



Questions

