



AS9100 Rev B to Rev C QMS Upgrade Instructions

Throughout this document, you will find the following

- Links to supporting information are [underlined blue text](#)
- Links to buy Standards directly from the source (TechStreet) are [Underlined Bold Red text](#)

The information on this page is for specific [AS9100 rev C requirements](#) which are [different from Rev B](#):

Consider all the [relevant standards](#) to [AS9100 Rev C](#).

- [Read about AS9101](#) Rev D, the QMS assessment form used by auditors ([AS9101D](#))
- [First Article Inspection \(FAI\)](#) is a unique standard ([AS9102](#)) and thus not part of the AS9100 Rev C QMS. However, Section 7.5.1.1 (Production Process Verification) of the standard does require testing of a production part, which is the same as FAI.
 - **NOTE:** in our QMS we chose to put this requirement where the actual process would be conducted (section 8.2.4.2 of the standard). The standard (AS9100 Document) tries to state the requirements clearly, but doesn't always arrange items in the most optimum flow. So we designed our QMS as a complete and efficient system of interlinked processes – not just a regurgitation of the standard in order. If we only put FAI in the planning (7.5), people may miss it during the production process. Thus we put it in 8.2.4.
- [Key Characteristics](#) ([AS9103](#))
- [Project Management](#) – ([ISO 10006](#)).
- [Configuration Management](#) – ([ISO 10007](#))
- [Risk Management](#) – ([ARP 9134](#))

We offer several [other tools](#) to help your organization transition to AS9100 Rev C.

- [AS9100 Rev B to Rev C Gap Checklist](#) – Checks that you have all areas of your company ready for Rev C.
- [Employee Training](#) – PC based training which can be taken via the web.
 - It can be [customized](#) to give you better record keeping and automated deployment.
- [PowerPoint](#) - reviewing clause by clause review of AS9100c
- [Audit Checklist](#) - to help you audit to the Rev C Standard
- [Internal Auditor Training](#) – which includes the materials to train your auditors in the Rev C standard.
- [Problem Solving Training](#) – taken online with quizzes, a certificate, and IACET Credits
 - [Root Cause Analysis with Corrective Action](#)
 - [FMEA](#)
 - [SPC](#)

Essentially, the documentation package for the management system will contain:

- One Manual with minor upgrades to reflect the AS9100C requirements.
- Revisions ([deletions and additions](#)) in existing AS9100b documents in your QMS
- Several additional Procedures & Forms to cover the new requirements
 - MP-712c, Risk management and related forms F-712-001 and F-712-002
 - MP-713c, Configuration management and forms F-713-001 and F-713-002
 - EP-731c, Key characteristics and form F-731-001
 - QP-840c, Statistical techniques (no forms)
 - QP-841c, Root cause analysis and form F-841-001.

The documentation will need to be reviewed, upgraded and implemented.

The following table outlines the changes to your QMS documentation to align with the Rev C requirements:

- Clauses shown in **bold numbers** in the left are considered key changes by leaders in the industry.
- Use a copy of the [AS 9100 Rev C standard](#) to pinpoint the areas that need attention.
- Make notes in the space to the right and the left of the column for reference documentation.
- Use the upgrade checklist section on the right side of the table to assign the responsibility and to follow up



AS9100 Rev C Clause #	Changes to the existing AS9100 Rev B Quality Manual	Reference document	Changes In other existing documentation	Upgrade Checklist	
				Assigned to:	Date Completed
1	Revise the cover page of the Manual to indicate the AS9100 Rev C.	Manual	---		
1	In the scope section of the manual, add a note to say that your AS9100C Quality Management System for aviation, space and defense industry includes the requirements of ISO 9001:2008		---		
1.1	Add a note to say that should there be conflict between statutory & regulatory requirements and the requirements of AS9100C, the statutory and regulatory requirements take precedence.	Manual	---		
1.1	Add a note to say that when clause 7 exclusions are made they do not affect the company's ability to meet customer and applicable statutory and regulatory requirements.	Manual	---		
1.2	In normative references section, replace ISO 9000:2000 with ISO 9000:2005 as the standard for QMS fundamentals and vocabulary	Manual	---		
3.1	In the definition section of the manual, add the definition for risk	Manual	---		
3.2	Add the definition for special requirements	Manual	---		
3.3	Add the definition for critical items	Manual	---		
3.4	Add the definition for key characteristics	Manual	---		
4.1	In section 4.1 of the manual, add a note to say that the QMS addresses customer and applicable statutory and regulatory requirements.	Manual	Delete this requirement in section 4.2.1		
4.1	Revise the wording from identify to determine processes and add where applicable monitor, measure and analyze the processes.	Manual	---		
4.1	Add a note to say that for outsourced processes, the type and extent of control to be applied is defined within the QMS	Manual	---		
4.2.1	In section 4.2.1 of the manual add a statement that the QMS documentation includes documented	Manual	Delete the reference to regulatory requirements, (which is covered in section 4.1)		