

AS 9120 A to AS 9120 B - QMS Transition Instructions / Checklist

AS 9120 Rev B Clause	Changes to the existing AS 9120 Rev A Quality System	Reference document	Changes in existing documentation	Upgrade Checklist	
				Assigned to:	Date Completed
All	The SAE international Aerospace standard AS 9120 Rev B is restructured and contains 10 sections or clauses numbered 1 through 10. The standard is revised to incorporate the new clause structure and content of ISO 9001:2015. In addition, aviation, space, and defense(ASD) industry requirements, definitions, and notes are included.	AS 9120 B	The requirement clauses of the new standard are the Clause 4 through Clause 10. Your company needs to become familiar with the new structure and the changes and subsequently upgrade the Quality Management System (QMS).		
All	While the specific requirement for a quality manual is not in AS 9120 B, the standard requires that Documented Information be maintained for the QMS.	Manual	Replace / rework your existing Quality Manual with a condensed version that will introduce the QMS. A quality manual is not included as a requirement in clause 7.5.1 of AS 9120 B; however, the note in 4.4.2 suggests that a quality manual can be used to compile into a single source, the documented information for the QMS.		
---	<i>In AS 9120 A, the requirement for a Quality Manual was in clause 4.2.2.</i>	Manual	In the condensed manual include sections for: <ul style="list-style-type: none"> • Scope of the Quality Management System (QMS), • Distribution Control List, • Revision Status, • Quality Policy and Objective, Strategic Direction, • Organization Chart, • Company Background - Products and Services, • Process Flow Diagram, • List of Documented Information, • Records Documentation Matrix. 		
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	<i>In AS 9120 A, the requirement for control of documents was included in 4.2.3, and the requirement for control of records was in 4.2.4.</i>		<p>procedures to incorporate the AS 9120 B requirements.</p> <p>An early consideration is the development of a process for the control of documented information. Replace / rework the documented procedures for Control of Documents and Control of Records with a procedure, (such as P-750) for Documented Information and include it in section 7.5.</p>		
4	<p>This first clause introduces two sub-clauses relating to the context of the organization, (1) understanding the organization and its context and (2) understanding the needs and expectations of interested parties. Together they require that you determine the issues and requirements that can impact on the planning of the Quality Management System (QMS). In addition, the scope of the QMS and the QMS processes along with their applicability and interactions need to be determined.</p>				
4	<p>Clause 4, Context of the Organization is a new requirement in AS 9120 B, and replaces clause 4 Quality management system in AS 9120 A.</p>	Documented information	<p>Your company must determine the issues and requirements that can impact on the planning of the QMS and that can affect the ability to achieve the intended results of the QMS.</p> <p>For typical guidance, see procedure P-400 for Organizational context and worksheet, F-440-002 to identify issues and requirements.</p>		
4.1	<p>Documented information for the QMS sets the stage for an understanding of the requirements and of the international standard.</p>	Procedure	<p>Document the information (in a document P-400, Organizational Context) to outline the process to understand and determine the internal and external issues that are relevant to the QMS.</p>		
4.2	<p>A stakeholder approach provides for an understanding of the requirements of interested parties.</p>		<p>Include (in a document P-400) the process to understand and determine the needs and expectations of interested parties.</p>		
4.3	<p><i>In AS 9120 A, the scope of the QMS was required to be included in a quality manual per par 4.2.2.</i></p>		<p>Include (in a document P-400) the process to determine the scope of the QMS. Refer to 4.3 a) thru c) and consider the internal and external issues, the requirements of interested parties, and your products and services.</p>		
4.3	<p><i>In AS 9120 A, the application and exclusion of requirements were included in par 1.2.</i> <i>Excluded were clause 7, design and</i></p>		<p>Include justifications for requirements of the standard that do not apply to the scope of the QMS.</p> <p>Note that conformity to AS 9120 B can only be claimed if the requirements determined to be not</p>		

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	<i>management review was included in 5.6.</i>		direction of your company.		
9.3.1	In AS 9120 B, clause 9.3.1 requires the alignment of the QMS with the strategic direction of the organization.		Include the requirements for the QMS to be aligned with your strategic direction.		
9.3.2	In AS 9120 B, clause 9.3.2 specifies the inputs for the management reviews. <i>In AS 9120 A, the detailed requirements for management review inputs were included in 5.6.2.</i>		Include the methods for identifying management review inputs. Refer to 9.3.2 a) thru f) and include requirements ranging from a) status of actions from previous management reviews, to f) opportunities for improvement.		
9.3.3	In AS 9120 B, clause 9.3.3 specifies the outputs of management reviews. <i>In AS 9120 A, the detailed requirements for management review outputs were included in 5.6.3.</i>		Include the methods for identifying management review outputs and reporting on decisions and actions on those outputs. Refer to 9.3.3 a) thru d) and include requirement ranging from a) opportunities for improvement, to d) identified risks.		
10	This last clause requires that your company determine and select opportunities for improvement and implement the actions needed to meet customer requirements and to enhance customer satisfaction. The improvement process includes systems for nonconformity and corrective action and for continual improvement.				
10	In AS 9120 B, clause 10, Improvement replaces clause 8.5 in AS 9120 A.	Documented information	Review your existing process for improvement.		
10.1	In AS 9120 B, a general requirement specifies that your company determines and selects opportunities for improvement.	Procedure	Document the information (in a document P-1010) to outline the process to implement the actions needed to meet customer requirements and enhance customer satisfaction. Refer to 10.1 and include the requirements for: <ul style="list-style-type: none"> • Improving products and services to meet requirements as well as addressing future needs and expectations, • Correcting, preventing or reducing undesired effects, • Improving the performance and effectiveness of the QMS. See the note in 10.1 for examples of improvements.		