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First issue February 2019.
Index of Quality Management System Documents

This Index of Quality Management System Documents provides a detailed index of SAE AS9100D and of related documents\(^1\).

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\(^1\) To receive updates of this Index to Quality Management System Documents or to send comments, suggestions or corrections, please communicate with Jacques Leroux, jleroux@dow.com.
Preface

I prepared this detailed index of SAE AS9100D and other related documents mostly for myself as a means to acquire a more profound understanding of the standard. I decided to share it in the hope that it would be useful to users and auditors working with AS9100D.

Jacques Leroux

February 1st, 2019
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<td>≈</td>
<td>almost equal to</td>
</tr>
<tr>
<td>A</td>
<td>act (Shewart and Deming)</td>
</tr>
<tr>
<td>AAQG</td>
<td>Americas Aerospace Quality Group</td>
</tr>
<tr>
<td>aka</td>
<td>also known as</td>
</tr>
<tr>
<td>APAQG</td>
<td>Asia Pacific Aerospace Quality Group</td>
</tr>
<tr>
<td>AS</td>
<td>Aerospace Standard (SAE)</td>
</tr>
<tr>
<td>ASQ</td>
<td>American Society for Quality</td>
</tr>
<tr>
<td>C</td>
<td>check (Shewart and Deming)</td>
</tr>
<tr>
<td>D</td>
<td>do (Shewart and Deming)</td>
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<tr>
<td>DRP-provider</td>
<td>dispute resolution process provider</td>
</tr>
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<td>European Aerospace Quality Group</td>
</tr>
<tr>
<td>FAI</td>
<td>first article inspection</td>
</tr>
<tr>
<td>IAQG</td>
<td>International Aerospace Quality Group</td>
</tr>
<tr>
<td>ISO</td>
<td>International Organization for Standardization</td>
</tr>
<tr>
<td>P</td>
<td>plan (Shewart and Deming)</td>
</tr>
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<td>PDCA</td>
<td>plan do check act</td>
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<td>QMS</td>
<td>quality management system</td>
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<tr>
<td>s</td>
<td>section (synonym for clause)</td>
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<td>SAE</td>
<td>Society of Automotive Engineers</td>
</tr>
<tr>
<td>SC</td>
<td>subcommittee</td>
</tr>
<tr>
<td>ss</td>
<td>sections (synonyms for clauses)</td>
</tr>
<tr>
<td>TC</td>
<td>technical committee</td>
</tr>
<tr>
<td>α</td>
<td>proportional to</td>
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DOCUMENTS

ISO 9000:2015 Quality management systems – Fundamentals and vocabulary

Issued by ISO TC 176/SC1 in 2015.
(approved as an American National Standard on September 9, 2015.)

This document describes:

A. the five fundamental concepts:

   1. quality
   2. QMS
   3. context of an organization
   4. interested parties
   5. support

B. the seven quality management principles:

   1. customer focus
   2. leadership
   3. engagement of people
   4. process approach
   5. improvement
   6. evidence-based decision making
   7. relationship management

C. definitions;

D. diagrams representing the relationships of the various terms used in ISO documents.

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activity – definition, s 3.3.11
association – definition, s 3.2.8
association – subset of organization, s 3.2.1
audit – definition, s 3.13.1
audit client – definition, s 3.13.11
audit conclusion – definition, s 3.13.10
audit criteria – definition, s 3.13.7
audit evidence – definition, s 3.13.8
audit findings – definition, s 3.13.9
audit guide – definition, s 3.13.13
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auditor – definition, s 3.13.15
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beneficiary – subset of customer, s 3.2.4
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ISO, Glossary – Guidance on selected words used in the ISO 9000 family of standards (Geneva, Switzerland, International Organization for Standardization, 2016)

Issued 2016-12-01 by ISO/TC 176/SC 1\(^2\).

A glossary published by the ISO TC 176 to supplement ISO 9000:2015.

Keywords:
ability – definition, s 1
accordance with, in – definition, s 2
activity – definition, s 4
adequacy – definition, s 5
adjustment – definition, s 6
analysis – definition, s 7
applicable (requirement) – definition, s 9
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This document is based on the work of Walter E. Shewhart and W. Edwards Deming, although not cited in AS9100D.
Successful organizations must provide and continually improve products and services that meet or exceed customer, statutory and regulatory requirements.

This document standardizes quality management system requirements globally. Its aim is to improve quality and reduce costs. This is to be achieved by the reduction or elimination of organization-unique requirements, effective implementation of quality management systems, and wider application of good practice.

AS9100D is based on ISO 9001:2015. It specifies additional requirements for the aviation, space and defense organizations.

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5 Documented information is either maintained or retained. Maintain is a higher standard than retain. Usually documents are maintained whereas records are retained.

6 Documented information of description, sequence and interaction of processes ≈ process map.

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\textsuperscript{9} Evidence of the results of management reviews is understood to be management review inputs and outputs.
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<td>work transfer – temporary</td>
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<td>workspace – subset of infrastructure</td>
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