Aegis AeroAssure®

IA9100 TRANSITION GAP ANALYSIS

AS9100D records measured against the published IA9100 changes

Meridian Aerostructures

Report date: 2026-10-22

Records read on: 2026-10-03

Measured against the IA9100 changes the IAQG has published to date (draft); the final text may still change them.

In this report

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2	**Where you stand**	Every IA9100 change area and every change, by status
3	**Ranked actions**	Your step-by-step plan, most pressing first
4	**Detail by change area**	What your records show for each change, and why
5	**What we checked**	The records read, and what was not supplied

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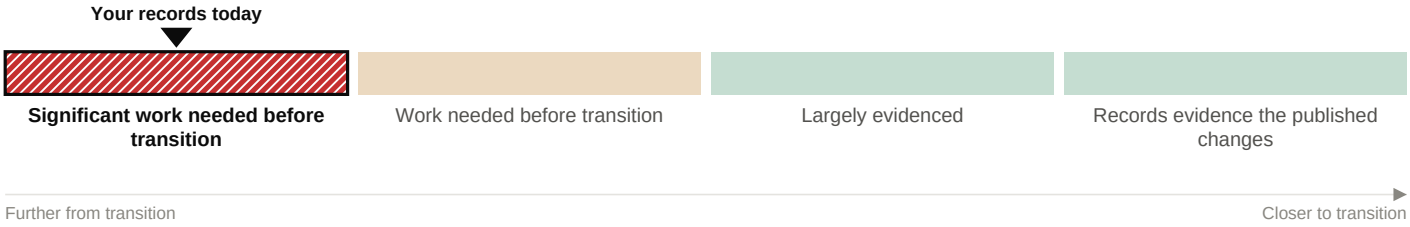
SAMPLE REPORT

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1. Summary

Transition readiness: Significant work needed before transition



Transition readiness: Significant work needed before transition. The meter places your records among the readiness levels, from significant work needed to records that evidence the published changes.

Of the 31 published IA9100 changes measured, your records evidence 4, partly evidence 14, show a gap against 13, and 0 cannot be assessed from the records supplied. Your records show gaps against many of the published IA9100 changes. Plan the work to close them well ahead of your transition audit. 30 of the 30 transition questions were answered in template 30. Start with clause 8.1.3 b, 8.1.4 a and 8.1.4 c, the first of the ranked actions.

Every figure and citation is drawn from your records; the priority order is Aegis's assessment.

Key figures

Gap — Act
13
Changes your records show are not in place.

Partly evidenced — Watch
14
In place in part, or with exceptions to close.

Evidenced — OK
4
Changes your records show in place.

Not assessable
0
Nothing supplied shows these either way.

Changes measured
31
Published IA9100 changes set against your records.

Steps in your plan
27
One step for each change to close, in order (section 3).

Change areas with a gap — Act
6 of 7
Areas where at least one change is a gap.

Transition questions answered — OK
30 of 30
Your answers in template 30.

Gap: 13; Partly evidenced: 14; Evidenced: 4; Not assessable: 0; Changes measured: 31; Steps in your plan: 27; Change areas with a gap: 6 of 7; Transition questions answered: 30 of 30.

Where to start

Step	Change area	Clause	Change	Status
1	Product safety	8.1.3 b	Safety risks from identified hazards are analyzed, assessed and controlled	Gap
2	Counterfeit parts prevention	8.1.4 a	People in procurement, receiving inspection, shipping inspection and material control are trained to recognize and prevent counterfeit parts	Gap
3	Counterfeit parts prevention	8.1.4 c	Parts are bought from original or authorized manufacturers, authorized distributors or other approved sources	Gap

The first steps of your plan. Every step, with what to do, the evidence that closes it and your own records, is in section 3.

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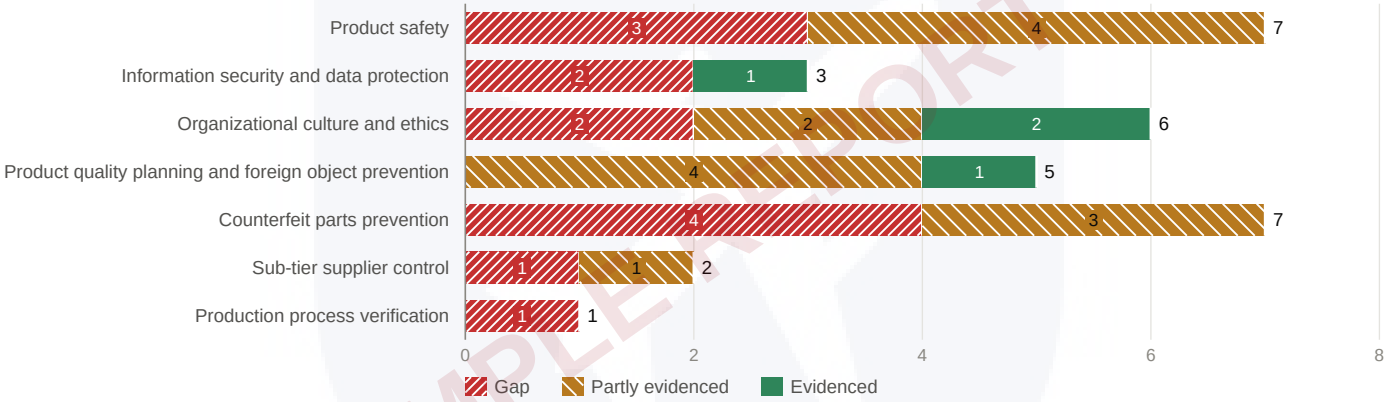
2. Where you stand across the IA9100 change areas

Each change is one the IAQG's published IA9100 key-change summaries describe, set against your own records and your answers in template 30.

What each status means

Status	Changes	What it means
Gap	13	Your records show it is not in place.
Partly evidenced	14	Your records show part of it, or show it with exceptions to close.
Evidenced	4	Your records show the requirement in place.
Not assessable from the records supplied	0	Nothing supplied shows it either way; the action says what would.
Changes measured	31	-

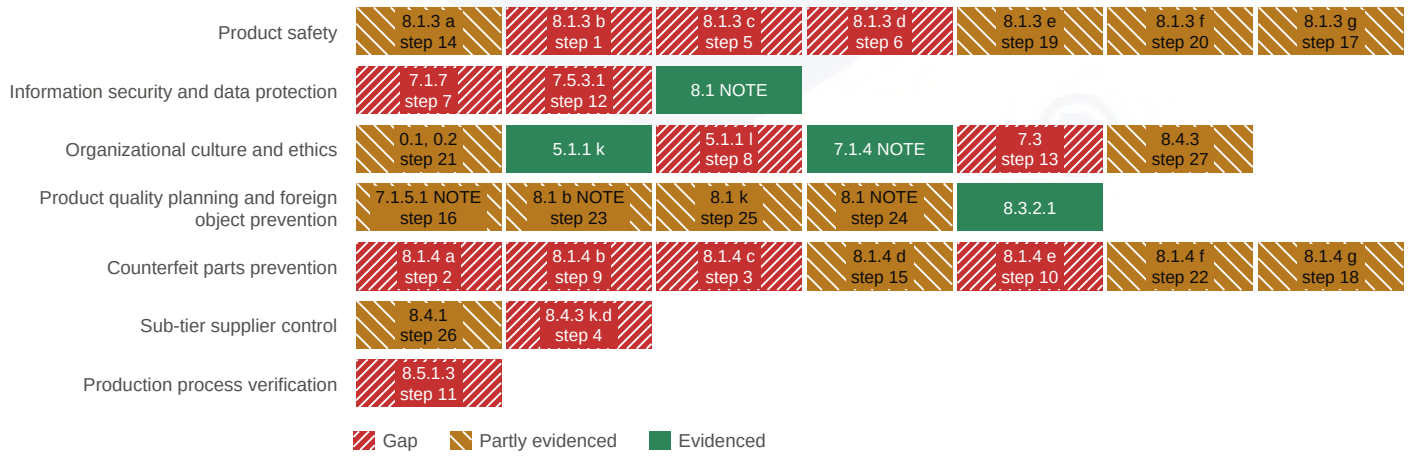
Status by change area



Each bar is one IA9100 change area; its length is the number of published changes measured in it, split by what your records show.

Changes measured by area: Product safety 7; Information security and data protection 3; Organizational culture and ethics 6; Product quality planning and foreign object prevention 5; Counterfeit parts prevention 7; Sub-tier supplier control 2; Production process verification 1.

Every change at a glance



Every published IA9100 change measured, one box each, in its change area: its clause and, where there is work to do, its step in your plan (section 3). Hatched boxes need action.

One box per change: Gap 13, Partly evidenced 14, Evidenced 4.

Organizational culture and ethics: The published draft wording on culture and ethics may still change in the final text.

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3. Ranked actions

Your step-by-step plan: every change to close, in the order to work through them, with what to do, the evidence that closes it and your own records.

Most pressing first, in the order of Aegis's assessment of your gaps. The same records always give the same order.

The plan in order

Phase 1: Close the gaps
Steps 1 to 13

Phase 2: Complete what is partly in place
Steps 14 to 27

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27

Your plan in order: one numbered step for each change to close. Work through the phases in turn, and within each phase the lower number first.

Phase 1, close the gaps: steps 1 to 13; Phase 2, complete what is partly in place: steps 14 to 27.

Phase 1: Close the gaps

Each step here is a change your records show is not in place.

STEP 1

Product safety · Clause 8.1.3 b · **Gap**

Safety risks from identified hazards are analyzed, assessed and controlled

What to do: Assess each safety risk found and record the control applied to it, linking safety-related failure modes to the controls in your control plans. Start with FM-3101-03, FM-3101-07, PFMEA-MER-3101, FM-3102-01, FM-3102-02, FM-3102-03 and 15 more.

Evidence that closes it: Each of the 21 records cited below shows the action done; IA-8.1.3-02 answered Conforming in template 30, naming the record that shows it as the evidence seen; your AS9100D self-assessment answer QB-8.1.1-004 brought to Conforming.

Your records (21): FM-3101-03, FM-3101-07, PFMEA-MER-3101, FM-3102-01, FM-3102-02, FM-3102-03, FM-3102-04, FM-3102-07, PFMEA-MER-3102, FM-3103-03, FM-3103-07, PFMEA-MER-3103, FM-3104-03, FM-3104-07, PFMEA-MER-3104, FM-3105-03, FM-3105-07, PFMEA-MER-3105, FM-3106-03, FM-3106-07, PFMEA-MER-3106

Owner _____ Target date _____ Done ☐

STEP 2

Counterfeit parts prevention · Clause 8.1.4 a · **Gap**

People in procurement, receiving inspection, shipping inspection and material control are trained to recognize and prevent counterfeit parts

What to do: Train everyone in procurement, receiving inspection, shipping inspection and material control in counterfeit-part awareness and prevention, and record it in the training matrix. Start with MER-E008, MER-E014, MER-E019, MER-E023, MER-E028, MER-E037 and 5 more.

Evidence that closes it: Each of the 11 records cited below shows the action done; your AS9100D self-assessment answer QB-8.1.4-002 brought to Conforming.

Your records (11): MER-E008, MER-E014, MER-E019, MER-E023, MER-E028, MER-E037, MER-E038, MER-E043, MER-E046, MER-E065, MER-E067

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STEP 3

Counterfeit parts prevention · Clause 8.1.4 c · **Gap**

Parts are bought from original or authorized manufacturers, authorized distributors or other approved sources

What to do: Buy only from original manufacturers, their authorized distributors or sources you have approved, and record the source's authorization on the supplier list. Start with CF-MER-001, CF-MER-002, SUP-MER-01, SUP-MER-02, SUP-MER-03, SUP-MER-12 and 1 more.

Evidence that closes it: Each of the 7 records cited below shows the action done; your AS9100D self-assessment answers QB-8.1.4-001 and QB-8.1.4-002 brought to Conforming.

Your records (7): CF-MER-001, CF-MER-002, SUP-MER-01, SUP-MER-02, SUP-MER-03, SUP-MER-12, SUP-MER-17

Owner _____ Target date _____ Done ☐

STEP 4

Sub-tier supplier control · Clause 8.4.3 k.d · **Gap**

The level of control of direct and sub-tier external providers is determined and communicated

What to do: Decide the level of control for each direct supplier and its sub-tier suppliers, and state it in the information you send them. Start with FLD-MER-01, FLD-MER-06, FLD-MER-11, FLD-MER-13, FLD-MER-15, FLD-MER-16 and 1 more.

Evidence that closes it: Each of the 7 records cited below shows the action done; IA-8.4.3-02 answered Conforming in template 30, naming the record that shows it as the evidence seen.

Your records (7): FLD-MER-01, FLD-MER-06, FLD-MER-11, FLD-MER-13, FLD-MER-15, FLD-MER-16, FLD-MER-17

Owner _____ Target date _____ Done ☐

STEP 5

Product safety · Clause 8.1.3 c · **Gap**

Changes that could affect product safety are identified and managed

What to do: Record, for every product or process change, whether it can affect product safety and what was done about it, before the change is approved. Start with ECR-MER-040, ECR-MER-043, ECR-MER-044, ECR-MER-045.

Evidence that closes it: Each of the 4 records cited below shows the action done; IA-8.1.3-03 answered Conforming in template 30, naming the record that shows it as the evidence seen.

Your records (4): ECR-MER-040, ECR-MER-043, ECR-MER-044, ECR-MER-045

Owner _____ Target date _____ Done ☐

STEP 6

Product safety · Clause 8.1.3 d · **Gap**

The effectiveness of the product-safety processes is assessed

What to do: Review the product-safety processes at set intervals (for example at management review) and record whether they are working.

Evidence that closes it: IA-8.1.3-04 answered Conforming in template 30, naming the record that shows it as the evidence seen.

Owner _____ Target date _____ Done ☐

STEP 7

Information security and data protection · Clause 7.1.7 · **Gap**

Information security is planned, put in place and controlled to protect the quality management system

What to do: Issue a controlled information security plan or policy covering the systems and data the quality management system depends on, with its controls, incident response and remote access.

Evidence that closes it: IA-7.1.7-02 and IA-7.1.7-03 answered Conforming in template 30, naming the record that shows it as the evidence seen; your AS9100D self-assessment answer QB-4.1-007 brought to Conforming.

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STEP 8

Organizational culture and ethics · Clause 5.1.1 l · **Gap**

Top management promotes an ethical work environment: conduct policy, training, reporting channels, investigation and resolution, and no penalty for raising a concern

What to do: Issue a code of conduct, train people on it periodically, provide a confidential channel for concerns (product-safety concerns included), and record how each concern was investigated and resolved without penalty to the person who raised it.

Evidence that closes it: IA-5.1.1-03, IA-5.1.1-04 and IA-5.1.1-05 answered Conforming in template 30, naming the record that shows it as the evidence seen; your AS9100D self-assessment answer QB-5.1-005 brought to Conforming.

Owner _____ Target date _____ Done ☐

STEP 9

Counterfeit parts prevention · Clause 8.1.4 b · **Gap**

A parts obsolescence monitoring program is applied

What to do: Set up parts obsolescence monitoring for the parts you buy, so that end-of-life parts are found before you are pushed to unapproved sources.

Evidence that closes it: IA-8.1.4-02 answered Conforming in template 30, naming the record that shows it as the evidence seen; your AS9100D self-assessment answer QB-8.1.4-003 brought to Conforming.

Owner _____ Target date _____ Done ☐

STEP 10

Counterfeit parts prevention · Clause 8.1.4 e · **Gap**

Verification and test methods are used to detect counterfeit parts

What to do: Define the receiving checks and tests used to detect counterfeit parts, by part risk, and record them on each receipt.

Evidence that closes it: Your AS9100D self-assessment answer QB-8.1.4-002 brought to Conforming.

Owner _____ Target date _____ Done ☐

STEP 11

Production process verification · Clause 8.5.1.3 · **Gap**

Production process verification goes beyond first article inspection, covering new or changed processes

What to do: Verify every new or changed production process (not only the first part) before production, and record the result with the first article report. Start with FAI-MER-101, FAI-MER-102, FAI-MER-103, FAI-MER-106, FAI-MER-107, FAI-MER-108 and 12 more.

Evidence that closes it: Each of the 18 records cited below shows the action done; IA-8.5.1.3-01 answered Conforming in template 30, naming the record that shows it as the evidence seen; your AS9100D self-assessment answer QB-AS9102-001 brought to Conforming.

Your records (18): FAI-MER-101, FAI-MER-102, FAI-MER-103, FAI-MER-106, FAI-MER-107, FAI-MER-108, FAI-MER-110, FAI-MER-111, FAI-MER-112, FAI-MER-113, FAI-MER-114, FAI-MER-115, FAI-MER-116, FAI-MER-117, FAI-MER-118, FAI-MER-104, FAI-MER-105, FAI-MER-109

Owner _____ Target date _____ Done ☐

STEP 12

Information security and data protection · Clause 7.5.3.1 · **Gap**

Electronic documented information is protected: against loss, by access control, off-site copies, and against unauthorized or unintended change and corruption

What to do: Define and keep the protections for electronic records: who can access and change them, how changes are traced, and off-site backups whose restore has been tested.

Evidence that closes it: IA-7.5.3.1-02 answered Conforming in template 30, naming the record that shows it as the evidence seen; your AS9100D self-assessment answer QB-7.5-002 brought to Conforming.

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STEP 13

Organizational culture and ethics · Clause 7.3 · **Gap**

People are aware of the importance of ethical behavior

What to do: Record ethics awareness training for everyone, and repeat it at a set interval.

Evidence that closes it: IA-5.1.1-03 answered Conforming in template 30, naming the record that shows it as the evidence seen.

Owner _____ Target date _____ Done ☐

Phase 2: Complete what is partly in place

Each step here is a change your records show in part, or with exceptions to close.

STEP 14

Product safety · Clause 8.1.3 a · **Partly evidenced**

Hazards to product safety are identified, both from events that have happened and by looking ahead

What to do: Record how hazards to product safety are found: from events and escapes after the fact, and from forward-looking analysis such as hazard analysis or PFMEA. Start with FM-3101-03, FM-3101-07, PFMEA-MER-3101, FM-3102-01, FM-3102-02, FM-3102-03 and 15 more.

Evidence that closes it: Each of the 21 records cited below shows the action done; IA-8.1.3-01 answered Conforming in template 30, naming the record that shows it as the evidence seen.

Your records (21): FM-3101-03, FM-3101-07, PFMEA-MER-3101, FM-3102-01, FM-3102-02, FM-3102-03, FM-3102-04, FM-3102-07, PFMEA-MER-3102, FM-3103-03, FM-3103-07, PFMEA-MER-3103, FM-3104-03, FM-3104-07, PFMEA-MER-3104, FM-3105-03, FM-3105-07, PFMEA-MER-3105, FM-3106-03, FM-3106-07, PFMEA-MER-3106

Owner _____ Target date _____ Done ☐

STEP 15

Counterfeit parts prevention · Clause 8.1.4 d · **Partly evidenced**

Parts and components can be traced to their original or authorized manufacturer

What to do: Hold a conforming certificate that traces each lot to its original or authorized manufacturer before the lot is released. Start with TRC-MER-01, TRC-MER-02, TRC-MER-03, TRC-MER-05, TRC-MER-15, TRC-MER-19 and 5 more.

Evidence that closes it: Each of the 11 records cited below shows the action done.

Your records (11): TRC-MER-01, TRC-MER-02, TRC-MER-03, TRC-MER-05, TRC-MER-15, TRC-MER-19, TRC-MER-22, TRC-MER-25, TRC-MER-35, TRC-MER-36, TRC-MER-38

Owner _____ Target date _____ Done ☐

STEP 16

Product quality planning and foreign object prevention · Clause 7.1.5.1 NOTE · **Partly evidenced**

Measurement variation is understood through measurement systems analysis, gauge R&R or attribute studies

What to do: Run and record measurement systems analysis for the gauges that measure key characteristics, and act on studies that are not acceptable. Start with SPC-3107-HARD, SPC-3101-BORE, SPC-3101-FLANGE, GRR-HT2205, GRR-BG6601, GRR-CMM4401.

Evidence that closes it: Each of the 6 records cited below shows the action done.

Your records (6): SPC-3107-HARD, SPC-3101-BORE, SPC-3101-FLANGE, GRR-HT2205, GRR-BG6601, GRR-CMM4401

Owner _____ Target date _____ Done ☐

STEP 17

Product safety · Clause 8.1.3 g · **Partly evidenced**

Safety events are reported to customers, authorities and type certificate holders as their requirements say

What to do: Keep a record of each safety event and of its report to the customer, authority or type certificate holder, within the time their requirements set. Start with BOEING-QN-2291, BOEING-SCAR-D1-4426-003, GE-QN-0448, SPIRIT-CAR-7712.

Evidence that closes it: Each of the 4 records cited below shows the action done.

Your records (4): BOEING-QN-2291, BOEING-SCAR-D1-4426-003, GE-QN-0448, SPIRIT-CAR-7712

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STEP 18

Counterfeit parts prevention · Clause 8.1.4 g · **Partly evidenced**

Suspect or detected counterfeit parts are segregated, contained and reported

What to do: Quarantine every suspect part, contain where it went, and report each confirmed or suspect case externally (for example to GIDEP and the customer). Start with CF-MER-001, CF-MER-002, CF-MER-003.

Evidence that closes it: Each of the 3 records cited below shows the action done.

Your records (3): CF-MER-001, CF-MER-002, CF-MER-003

Owner _____ Target date _____ Done ☐

STEP 19

Product safety · Clause 8.1.3 e · **Partly evidenced**

People with product-safety responsibilities are trained in them

What to do: Add product-safety responsibilities training to the training matrix for the roles that hold them, and keep it current.

Evidence that closes it: IA-8.1.3-05 answered Conforming in template 30, naming the record that shows it as the evidence seen.

Owner _____ Target date _____ Done ☐

STEP 20

Product safety · Clause 8.1.3 f · **Partly evidenced**

Product-safety information, safety events and changes to safety procedures are communicated to the people who need them

What to do: Set out how safety-critical information, safety events and changes to safety procedures reach the people concerned, and keep a record that they did.

Evidence that closes it: IA-8.1.3-06 answered Conforming in template 30, naming the record that shows it as the evidence seen.

Owner _____ Target date _____ Done ☐

STEP 21

Organizational culture and ethics · Clause 0.1, 0.2 · **Partly evidenced**

The introduction now treats organizational culture and ethical behavior as part of an effective quality management system

What to do: State in the quality manual how culture and ethical behavior support the quality management system, and point to the policy and objectives that carry it.

Evidence that closes it: Your AS9100D self-assessment answer QB-5.1-005 brought to Conforming.

Owner _____ Target date _____ Done ☐

STEP 22

Counterfeit parts prevention · Clause 8.1.4 f · **Partly evidenced**

Counterfeit-part reports from external sources (for example GIDEP) are monitored

What to do: Assign someone to review external counterfeit-part reports (for example GIDEP alerts) at a set interval and record what was checked against your parts.

Evidence that closes it: IA-8.1.4-05 answered Conforming in template 30, naming the record that shows it as the evidence seen.

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STEP 23

Product quality planning and foreign object prevention · Clause 8.1 b NOTE · **Partly evidenced**

Statistical techniques support process control: key characteristics, capability, control plans, statistical process control

What to do: Keep control plans and capability studies for key characteristics current, and act on processes whose capability is low. Start with FM-3101-03, FM-3101-07, PFMEA-MER-3101, FM-3102-01, FM-3102-02, FM-3102-03 and 25 more.

Evidence that closes it: Each of the 31 records cited below shows the action done.

Your records (31): FM-3101-03, FM-3101-07, PFMEA-MER-3101, FM-3102-01, FM-3102-02, FM-3102-03, FM-3102-04, FM-3102-07, PFMEA-MER-3102, FM-3103-03, FM-3103-07, PFMEA-MER-3103, FM-3104-03, FM-3104-07, PFMEA-MER-3104, FM-3105-03, FM-3105-07, PFMEA-MER-3105, FM-3106-03, FM-3106-07, PFMEA-MER-3106, SPC-3107-HARD, CP-MER-3101, CP-MER-3103, CP-MER-3104, CP-MER-3105, CP-MER-3106, SPC-3101-BORE, SPC-3104-BORE, SPC-3101-FLANGE, SPC-3108-HINGE

Owner _____ Target date _____ Done ☐

STEP 24

Product quality planning and foreign object prevention · Clause 8.1 NOTE · **Partly evidenced**

Product and service provision is planned as integrated, phased processes (project or program management, APQP)

What to do: Plan each new product or program in phases with gate reviews (APQP or equivalent), and close each phase's outputs (PFMEA, control plan, PPAP) before the next. Start with PPAP-MER-3101, PPAP-MER-3102, PPAP-MER-3103, PPAP-MER-3104, PPAP-MER-3105, PPAP-MER-3106 and 21 more.

Evidence that closes it: Each of the 27 records cited below shows the action done; IA-8.1-03 answered Conforming in template 30, naming the record that shows it as the evidence seen; your AS9100D self-assessment answer QB-8.1.1-003 brought to Conforming.

Your records (27): PPAP-MER-3101, PPAP-MER-3102, PPAP-MER-3103, PPAP-MER-3104, PPAP-MER-3105, PPAP-MER-3106, FM-3101-03, FM-3101-07, PFMEA-MER-3101, FM-3102-01, FM-3102-02, FM-3102-03, FM-3102-04, FM-3102-07, PFMEA-MER-3102, FM-3103-03, FM-3103-07, PFMEA-MER-3103, FM-3104-03, FM-3104-07, PFMEA-MER-3104, FM-3105-03, FM-3105-07, PFMEA-MER-3105, FM-3106-03, FM-3106-07, PFMEA-MER-3106

Owner _____ Target date _____ Done ☐

STEP 25

Product quality planning and foreign object prevention · Clause 8.1 k · **Partly evidenced**

Operations are planned to prevent, detect and mitigate foreign objects and debris

What to do: Make foreign object and debris a planned control: name it in PFMEAs and control plans where it can occur, keep the FOD procedure current and train the people in FOD areas. Start with PFMEA-MER-3101, PFMEA-MER-3102, PFMEA-MER-3103, PFMEA-MER-3104, NCR-MER-213, CAPA-MER-013 and 2 more.

Evidence that closes it: Each of the 8 records cited below shows the action done; your AS9100D self-assessment answers QB-8.5.1-011 and QB-5.1-004 brought to Conforming.

Your records (8): PFMEA-MER-3101, PFMEA-MER-3102, PFMEA-MER-3103, PFMEA-MER-3104, NCR-MER-213, CAPA-MER-013, MER-E020, DOC-MER-039

Owner _____ Target date _____ Done ☐

STEP 26

Sub-tier supplier control · Clause 8.4.1 · **Partly evidenced**

External providers are required to apply suitable controls to their own direct and sub-tier providers

What to do: Require each supplier, in the purchase order or supplier quality manual, to control its own suppliers to your requirements, and record that requirement in the flow-down register. Start with FLD-MER-01, FLD-MER-06, FLD-MER-11, FLD-MER-13, FLD-MER-15, FLD-MER-16 and 9 more.

Evidence that closes it: Each of the 15 records cited below shows the action done.

Your records (15): FLD-MER-01, FLD-MER-06, FLD-MER-11, FLD-MER-13, FLD-MER-15, FLD-MER-16, FLD-MER-17, FLD-MER-02, FLD-MER-03, FLD-MER-04, FLD-MER-05, FLD-MER-12, FLD-MER-09, FLD-MER-10, FLD-MER-18

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STEP 27

Organizational culture and ethics · Clause 8.4.3 · **Partly evidenced**

External providers are told of the importance of ethical behavior

What to do: Add the importance of ethical behavior to your purchase order terms or supplier quality manual, and record it in the flow-down register.

Evidence that closes it: IA-8.4.3-01 answered Conforming in template 30, naming the record that shows it as the evidence seen.

Owner _____ Target date _____ Done ☐

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4. Detail by change area

For each change: what IA9100 changes, the status your records show, the reasons with your own records cited, and its step in your plan.

Product safety

7 changes: Gap 3, Partly evidenced 4.

1. Clause 8.1.3 a: Hazards to product safety are identified, both from events that have happened and by looking ahead

Change: Was guidance; now a requirement · Status: **Partly evidenced**

- IA-8.1.3-01: Observation (Hazards found from events only; no forward-looking hazard analysis).
- Open findings in your records: High-priority failure mode with no control (FM-3101-03, FM-3101-07, PFMEA-MER-3101, FM-3102-01, FM-3102-02 and 16 more).

Step 14 in your plan (section 3).

2. Clause 8.1.3 b: Safety risks from identified hazards are analyzed, assessed and controlled

Change: Was guidance; now a requirement · Status: **Gap**

- IA-8.1.3-02: Nonconforming (No safety risk assessment or recorded controls).
- Your AS9100D self-assessment answer QB-8.1.1-004 is Nonconforming (See audit programme for 8.1.1): the base this change builds on is not in place.
- Open findings in your records: High-priority failure mode with no control (FM-3101-03, FM-3101-07, PFMEA-MER-3101, FM-3102-01, FM-3102-02 and 16 more).

Step 1 in your plan (section 3).

3. Clause 8.1.3 c: Changes that could affect product safety are identified and managed

Change: Was guidance; now a requirement · Status: **Gap**

- IA-8.1.3-03: Nonconforming (Change form has no product-safety question).
- 4 of 5 open product or process changes carry no risk assessment yet, so their effect on product safety is not recorded (ECR-MER-040, ECR-MER-043, ECR-MER-044, ECR-MER-045).

Step 5 in your plan (section 3).

4. Clause 8.1.3 d: The effectiveness of the product-safety processes is assessed

Change: Was guidance; now a requirement · Status: **Gap**

- IA-8.1.3-04: Nonconforming (No review of the safety processes on record).

Step 6 in your plan (section 3).

5. Clause 8.1.3 e: People with product-safety responsibilities are trained in them

Change: Was guidance; now a requirement · Status: **Partly evidenced**

- IA-8.1.3-05: Observation (Product safety awareness in induction only; no role training).

Step 19 in your plan (section 3).

6. Clause 8.1.3 f: Product-safety information, safety events and changes to safety procedures are communicated to the people who need them

Change: Was guidance; now a requirement · Status: **Partly evidenced**

- IA-8.1.3-06: Observation (Safety events shared verbally; not recorded).

Step 20 in your plan (section 3).

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7. Clause 8.1.3 g: Safety events are reported to customers, authorities and type certificate holders as their requirements say

Change: Was guidance; now a requirement · Status: **Partly evidenced**

- Open findings in your records: Customer escape caused by a supplier (BOEING-QN-2291, BOEING-SCAR-D1-4426-003, GE-QN-0448, SPIRIT-CAR-7712).
- IA-8.1.3-07: Conforming (Customer notification procedure QP-8.7-02).

Step 17 in your plan (section 3).

Information security and data protection

3 changes: Gap 2, Evidenced 1.

8. Clause 7.1.7: Information security is planned, put in place and controlled to protect the quality management system

Change: New in IA9100 · Status: **Gap**

- IA-7.1.7-03: Nonconforming (Shared login for the CMM vendor's remote support).
- IA-7.1.7-02: Observation (Incidents handled by the IT contractor; no record of who is told).
- Your AS9100D self-assessment answer QB-4.1-007 is an Observation (See audit programme for 4.1).
- IA-7.1.7-01: Conforming (Information security policy ISP-01 rev 2).

Step 7 in your plan (section 3).

9. Clause 7.5.3.1: Electronic documented information is protected: against loss, by access control, off-site copies, and against unauthorized or unintended change and corruption

Change: Strengthened · Status: **Gap**

- IA-7.5.3.1-02: Nonconforming (Restore never tested).
- Your AS9100D self-assessment answer QB-7.5-002 is an Observation (See audit programme for 7.5).
- IA-7.5.3.1-01: Conforming (ERP role matrix ERP-RM-04).

Step 12 in your plan (section 3).

10. Clause 8.1 NOTE: Operational planning takes information security and data protection into account

Change: New in IA9100 · Status: **Evidenced**

- IA-8.1-01: Conforming (Programme plan PP-3101 data protection section).

Organizational culture and ethics

6 changes: Gap 2, Partly evidenced 2, Evidenced 2.

11. Clause 0.1, 0.2: The introduction now treats organizational culture and ethical behavior as part of an effective quality management system

Change: New in IA9100 · Status: **Partly evidenced**

- Your AS9100D self-assessment answer QB-5.1-005 is an Observation (See audit programme for 5.1).
- IA-5.1.1-01: Conforming (Quality culture objective QO-2026-04).
- IA-5.1.1-02: Conforming (Code of conduct HR-POL-07).

Step 21 in your plan (section 3).

12. Clause 5.1.1 k: Top management sets goals and objectives that build a quality culture, consistent with policy, vision, values and context

Change: New in IA9100 · Status: **Evidenced**

- IA-5.1.1-01: Conforming (Quality culture objective QO-2026-04).

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13. Clause 5.1.1 l: Top management promotes an ethical work environment: conduct policy, training, reporting channels, investigation and resolution, and no penalty for raising a concern

Change: New in IA9100 · Status: **Gap**

- IA-5.1.1-03: Nonconforming (Ethics covered at hire only; no refresher).
- IA-5.1.1-05: Nonconforming (No record of concerns raised or how they were resolved).
- IA-5.1.1-04: Observation (Not confidential and not advertised for safety concerns).
- Your AS9100D self-assessment answer QB-5.1-005 is an Observation (See audit programme for 5.1).
- IA-5.1.1-02: Conforming (Code of conduct HR-POL-07).

Step 8 in your plan (section 3).

14. Clause 7.1.4 NOTE: Culture (quality, ethical behavior, product and personnel safety, quality of work life) is named as a factor of the work environment

Change: New in IA9100 · Status: **Evidenced**

- IA-5.1.1-01: Conforming (Quality culture objective QO-2026-04).

15. Clause 7.3: People are aware of the importance of ethical behavior

Change: Unchanged text, now part of a wider requirement · Status: **Gap**

- IA-5.1.1-03: Nonconforming (Ethics covered at hire only; no refresher).

Step 13 in your plan (section 3).

16. Clause 8.4.3 (AS9100D clause 8.4.3 m (the summary prints 7.4.3 m.3)): External providers are told of the importance of ethical behavior

Change: Unchanged text, now part of a wider requirement · Status: **Partly evidenced**

- IA-8.4.3-01: Observation (Covers conformity and safety; ethics not mentioned).

Step 27 in your plan (section 3).

Product quality planning and foreign object prevention

5 changes: Partly evidenced 4, Evidenced 1.

17. Clause 7.1.5.1 NOTE: Measurement variation is understood through measurement systems analysis, gauge R&R or attribute studies

Change: New in IA9100 · Status: **Partly evidenced**

- Open findings in your records: Capability claim resting on an unqualified gauge (SPC-3107-HARD, SPC-3101-BORE, SPC-3101-FLANGE); Measurement system not acceptable (GRR-HT2205).
- 3 records in your MSA studies (GRR-BG6601, GRR-CMM4401, GRR-HT2205).

Step 16 in your plan (section 3).

18. Clause 8.1 b NOTE: Statistical techniques support process control: key characteristics, capability, control plans, statistical process control

Change: Strengthened · Status: **Partly evidenced**

- Open findings in your records: High-priority failure mode with no control (FM-3101-03, FM-3101-07, PFMEA-MER-3101, FM-3102-01, FM-3102-02 and 16 more); Process not capable of its tolerance (SPC-3107-HARD).
- 5 records in your control plans (CP-MER-3101, CP-MER-3103, CP-MER-3104, CP-MER-3105 and 1 more).
- 5 records in your capability studies (SPC-3101-BORE, SPC-3104-BORE, SPC-3101-FLANGE, SPC-3108-HINGE and 1 more).

Step 23 in your plan (section 3).

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19. Clause 8.1 k: Operations are planned to prevent, detect and mitigate foreign objects and debris

Change: Strengthened · Status: **Partly evidenced**

- Your AS9100D self-assessment answer QB-8.5.1-011 is an Observation (See audit programme for 8.5.1).
- Your AS9100D self-assessment answer QB-5.1-004 is an Observation (See audit programme for 5.1).
- Your PFMEAs and control plans (PFMEA-MER-3101, PFMEA-MER-3102, PFMEA-MER-3103, PFMEA-MER-3104 and 7 more) name no foreign-object failure mode or control, while your records hold foreign-object events (NCR-MER-213, CAPA-MER-013).
- Foreign-object training is recorded for 3 people; for 1 it is not current (MER-E020).
- IA-8.1-02: Conforming (FOD procedure QP-8.5-09; area audits).
- Your foreign object and debris document is controlled and current (DOC-MER-039).

Step 25 in your plan (section 3).

20. Clause 8.1 NOTE: Product and service provision is planned as integrated, phased processes (project or program management, APQP)

Change: Strengthened · Status: **Partly evidenced**

- IA-8.1-03: Observation (Single checklist; no phased gate reviews).
- Your AS9100D self-assessment answer QB-8.1.1-003 is an Observation (See audit programme for 8.1.1).
- Open findings in your records: Part submission warrant unsigned (PPAP-MER-3101, PPAP-MER-3102, PPAP-MER-3103, PPAP-MER-3104, PPAP-MER-3105 and 1 more); High-priority failure mode with no control (FM-3101-03, FM-3101-07, PFMEA-MER-3101, FM-3102-01, FM-3102-02 and 16 more).

Step 24 in your plan (section 3).

21. Clause 8.3.2.1: Where appropriate, design and development is divided into distinct activities with their tasks, resources, responsibilities, inputs and outputs

Change: Strengthened · Status: **Evidenced**

- IA-8.3.2.1-01: not applicable (Build to print; no design responsibility).

Counterfeit parts prevention

7 changes: Gap 4, Partly evidenced 3.

22. Clause 8.1.4 a: People in procurement, receiving inspection, shipping inspection and material control are trained to recognize and prevent counterfeit parts

Change: Was guidance; now a requirement · Status: **Gap**

- Your AS9100D self-assessment answer QB-8.1.4-002 is Nonconforming (See audit programme for 8.1.4): the base this change builds on is not in place.
- 11 of the 11 people listed in receiving inspection have no current counterfeit-part training (MER-E008, MER-E014, MER-E019, MER-E023, MER-E028, MER-E037, MER-E038, MER-E043 and 3 more).
- IA-8.1.4-01: Conforming (Counterfeit awareness training records CT-2026).

Step 2 in your plan (section 3).

23. Clause 8.1.4 b: A parts obsolescence monitoring program is applied

Change: Was guidance; now a requirement · Status: **Gap**

- IA-8.1.4-02: Nonconforming (No obsolescence monitoring of purchased parts).
- Your AS9100D self-assessment answer QB-8.1.4-003 is Nonconforming (See audit programme for 8.1.4): the base this change builds on is not in place.

Step 9 in your plan (section 3).

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24. Clause 8.1.4 c: Parts are bought from original or authorized manufacturers, authorized distributors or other approved sources

Change: Was guidance; now a requirement · Status: **Gap**

- Your AS9100D self-assessment answer QB-8.1.4-001 is Nonconforming (See audit programme for 8.1.4): the base this change builds on is not in place.
- Your AS9100D self-assessment answer QB-8.1.4-002 is Nonconforming (See audit programme for 8.1.4): the base this change builds on is not in place.
- 2 counterfeit cases trace to a broker or a source not on your approved list (CF-MER-001, CF-MER-002).
- Open findings in your records: Supplier on probation still delivering (SUP-MER-01, SUP-MER-02, SUP-MER-03, SUP-MER-12, SUP-MER-17).
- IA-8.1.4-03: Conforming (Approved supplier list ASL-2026 source column).

Step 3 in your plan (section 3).

25. Clause 8.1.4 d: Parts and components can be traced to their original or authorized manufacturer

Change: Was guidance; now a requirement · Status: **Partly evidenced**

- 11 of 40 lots in your traceability register have no conforming certificate (TRC-MER-01, TRC-MER-02, TRC-MER-03, TRC-MER-05, TRC-MER-15, TRC-MER-19, TRC-MER-22, TRC-MER-25 and 3 more).
- Open findings in your records: Lot held at receiving for its certificate of conformity (TRC-MER-01, TRC-MER-02, TRC-MER-03, TRC-MER-05, TRC-MER-15 and 6 more).

Step 15 in your plan (section 3).

26. Clause 8.1.4 e: Verification and test methods are used to detect counterfeit parts

Change: Was guidance; now a requirement · Status: **Gap**

- Your AS9100D self-assessment answer QB-8.1.4-002 is Nonconforming (See audit programme for 8.1.4): the base this change builds on is not in place.
- IA-8.1.4-04: Conforming (Receiving inspection plan RI-04).

Step 10 in your plan (section 3).

27. Clause 8.1.4 f: Counterfeit-part reports from external sources (for example GIDEP) are monitored

Change: Was guidance; now a requirement · Status: **Partly evidenced**

- IA-8.1.4-05: Observation (Alerts received; no record of checking them against stock).

Step 22 in your plan (section 3).

28. Clause 8.1.4 g: Suspect or detected counterfeit parts are segregated, contained and reported

Change: Was guidance; now a requirement · Status: **Partly evidenced**

- Open findings in your records: Counterfeit part case open (CF-MER-001, CF-MER-002, CF-MER-003).
- Every counterfeit case is segregated, and those past investigation are reported (CF-MER-001, CF-MER-002, CF-MER-003).

Step 18 in your plan (section 3).

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Sub-tier supplier control

2 changes: Gap 1, Partly evidenced 1.

29. Clause 8.4.1: External providers are required to apply suitable controls to their own direct and sub-tier providers

Change: Unchanged text, now part of a wider requirement · Status: **Partly evidenced**

- Your flow-down register records 7 requirements flowed to suppliers (FLD-MER-01, FLD-MER-06, FLD-MER-11, FLD-MER-13, FLD-MER-15, FLD-MER-16, FLD-MER-17); none requires a supplier to flow them down to its own sub-tier suppliers.
- Open findings in your records: Customer requirement not flowed down (FLD-MER-01, FLD-MER-02, FLD-MER-03, FLD-MER-04, FLD-MER-05 and 4 more); Customer requirement only partly flowed down (FLD-MER-09, FLD-MER-10, FLD-MER-16, FLD-MER-18).
- IA-8.4.1-01: Conforming (Supplier quality manual SQM rev F section 4).

Step 26 in your plan (section 3).

30. Clause 8.4.3 k.d: The level of control of direct and sub-tier external providers is determined and communicated

Change: New in IA9100 · Status: **Gap**

- IA-8.4.3-02: Nonconforming (Level of control not decided per supplier).
- Your flow-down register records 7 requirements flowed to suppliers (FLD-MER-01, FLD-MER-06, FLD-MER-11, FLD-MER-13, FLD-MER-15, FLD-MER-16, FLD-MER-17); none requires a supplier to flow them down to its own sub-tier suppliers.

Step 4 in your plan (section 3).

Production process verification

1 change: Gap 1.

31. Clause 8.5.1.3: Production process verification goes beyond first article inspection, covering new or changed processes

Change: Strengthened · Status: **Gap**

- Your AS9100D self-assessment answer QB-AS9102-001 is Nonconforming (See audit programme for 8.5.1): the base this change builds on is not in place.
- IA-8.5.1.3-01: Observation (First part only; process changes not verified).
- Open findings in your records: First article report not signed (FAI-MER-101, FAI-MER-102, FAI-MER-103, FAI-MER-106, FAI-MER-107 and 10 more); Accepted first article report with no signatures on record (FAI-MER-104, FAI-MER-105, FAI-MER-109).

Step 11 in your plan (section 3).

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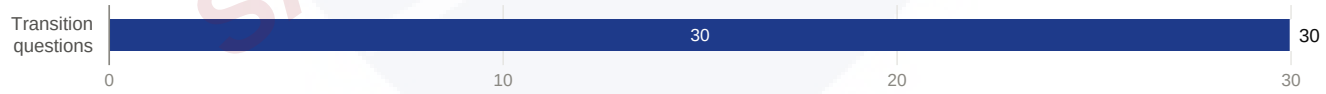
5. What we checked and what was not supplied

The records read

Template	Status	Template	Status
01_KPI_Scorecard.csv	Read	17_Nonconformances.csv	Read
02_CAPA.csv	Read	18_Calibration_Results.csv	Read
03_Risk_Register.csv	Read	19_Supplier_Receipts.csv	Read
04_Suppliers.csv	Read	20_Supplier_Quality_Events.csv	Read
05_FAI_First_Article_Inspection.csv	Read	21_Supplier_Audits.csv	Read
06_MRB_Material_Review_Board.csv	Read	22_PFMEA.csv	Read
07_Training_Matrix.csv	Read	23_Control_Plan.csv	Read
08_Calibration.csv	Read	24_PPAP.csv	Read
09_Special_Processes.csv	Read	25_SPC_Measurements.csv	Read
10_Action_Register.csv	Read	26_MSA_Gage_RR.csv	Read
11_Configuration_BOM.csv	Read	27_Internal_Audit_Programme.csv	Read
12_Documents.csv	Read	28_Change_Requests.csv	Read
13_Audit_Findings.csv	Read	29_KPI_Trend_Weekly.csv	Read
14_Traceability.csv	Read	30_Clause_Self_Assessment.csv	Read
15_Flowdown.csv	Read	31_Counterfeit_Cases.csv	Read
16_Recovery_Timeline.csv	Read	32_RACI.csv	Read

Data completeness: Complete. Every register supplied for this report was read in full; no section is blank because records could not be read.

Transition questions



Transition questions answered in template 30: 30 of 30.

About this analysis

IA9100 is not yet published. Each change measured is one the IAQG's published key-change summaries describe; the requirements are paraphrased from them, and the final text may still change them.

A change's clause number is the one the published summaries give; where they give none, the AS9100D clause is used and marked.

Basis: IAQG IA9100 key-change summaries (Nov 2023); draft.

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