



Aerospace AS9104/1A:2022 Update



AS9104/1A:2022 requirements for the certification of aviation, space, and defense quality management system programs: IAQG published the new AS9104/1A requirements for certification bodies and we have been preparing to support this required transition. We will be ready to begin auditing in conformance with the new standards by March 2023.

IAQG will manage the process to ensure the 9104:2022 series and 9101:2022 are implemented by the **transition completion date of January 1, 2024**.

Transition Rules

Some high-level changes include:

- **Organization Certification Analysis Program (OCAP):** Audit

Duration Calculator has been replaced with a risk-based Organization Certification Analysis Process (OCAP) – with data driven from client-provided information. This new process is required for determining risk level of every audit before the audit is scheduled. This requires certification bodies to use client's performance data to complete an analysis regarding risk to finalize the audit duration required for the upcoming audit. The output of the analysis will be a selected risk level of low, medium or high, which will then be used to determine the appropriate audit duration. We anticipate most current risk levels are accurate and will not impact the current audit duration, but the analysis will confirm this, and the results must be documented and uploaded into OASIS.

- We normally request information to plan our audits such as employee counts, scope changes, and process changes. The additional data we will now request include: internal audit program information, as well as customer satisfaction, on-time delivery, and conformity of delivered product/service KPIs (Ref. Table 5 of AS9104/1A).
- **If this client information is not provided for the OCAP analysis within 90 days of the audit start date, the risk**

level is to be deemed high by default and could increase audit duration. To determine the proper risk level, we will continue to contact all clients 120 days ahead of the audit to request information for this review and other planning details. There are various risk criteria to consider during the OCAP analysis.

OCAP Requirements

- Risk will be determined using this data, plus an organization's complexity and PEAR scores. The AS9104/1A Table 7 utilizes a point system to identify risk score of low, medium, or high.
- **Applicable standard confirmation:** Every certification must be evaluated to be sure the appropriate standard (AS9100-Manufacturing/Service, AS9110-Repair Station, AS9120-Distribution) is being used. If your organization is not currently using the correct standard, you will need to switch to the correct standard as of your 2023 audit. Unfortunately, this will require Stage 1 and Stage 2 audits.
 - **Note:** *Organizations only distributing or repairing their own product may continue to operate under AS9100; however, offering distribution or repair as a stand-alone service would require certification to AS9120 or AS9110. If an organization both manufactures and distributes/repairs product that they did not produce, then multiple standards may be necessary to certify all operations.*
 - **If you are unsure whether your organization will be required to switch standards, contact your PRI Business Development Specialist as soon as possible to discuss.**
- **Remote auditing time** for AQMS audits can be increased to 50% where appropriate. After the OCAP analysis has been completed to determine risk level and audit duration, the auditor and client can plan to conduct up to 50% of the audit off-site (Ref. IAF MD4). This time must be documented and in coordination

with scheduling, so it is clear to all this option was used. A risk assessment must also be completed to ensure that the client can support a remote audit.

- **Audit duration:** The method of determining audit duration is changing due to the transition, and audit days will be recalculated for any audits in 2023 and beyond; this may result in either increases or decreases, depending on each client's unique situation. Audit duration will be determined based on a combination of employee count, risk level, and deductions for certain non-applicable processes. The expectation is that about 85% of the certified companies will be evaluated as Medium risk, resulting in a 0% adjustment to audit duration; approximately 15% percent of clients are expected to receive either High or Low risk levels, resulting in a 10% addition or deduction to audit duration. If the audit duration must increase or decrease as a result of the changes in audit day calculation, a fast track addendum will be issued reflecting this adjustment.
- **Certification Structure:** The certification structure options going forward will be limited to only Multi-sites and Single Sites. Campus and Several Site certification structures will go away. If you currently hold a Campus or Several Site certificate, we will adjust your certificate after your upcoming transition audit in 2023.
- **Certification Transition:** All certifications/certificates must be updated to the new AS9104/1A requirements by January 1, 2024. The goal is to maintain your current audit target dates and transition your certification to the new version of AS9104/1A during your normal audit cycle. Please be sure to provide the OCAP data information when requested, so we can maintain your audit dates and complete your transition.
- **New Certificate:** Every AS9100, AS9110, AS9120 certificate will be updated in 2023 to reflect the current certificate structure and reference the revised AS9104/1:2022.

References

OASIS V3 is about to launch. A new and improved OASIS has been modified to support the new requirements of AS9104 (e.g., OCAP) and some other general improvements. No exact launch date has been given, but we assume no later than by end of Q4 to accommodate the new AS9104 requirements. If you haven't already joined or reviewed

the webinar explaining the changes to OASIS, please go to the IAQG website to learn more about V3.

[OASIS V3 Tools](#)

[AS9104 and OCAP Requirements](#)

IAQG OPMT will maintain a **Frequently Asked Questions (FAQ)** log to support transition as part of the deployment support materials for the 9104 series and 9101 standards located on the IAQG website.

Note: We are reviewing the specific requirements and will need to update your contract terms and conditions to meet required changes to AS9104/1A and AS9101.

As always, please contact your Business Development Specialist or Account Specialist if you have questions.