



In This Issue

Monthly Newsletter:

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Auditor Bias

DFARS Requirements

AS9145 & APQP

PPAP

CDSAQS can complete your FAIs!

Our Mission

CDS AQS provides a total business management solution for small to mid-sized companies by establishing quality and business management systems, providing employee training and development and optimizing company processes and systems to increase profitability and efficiency.

Our Motto

Partnering with small to mid-sized companies to reduce customer risk and increase profitability by optimizing internal processes via risk identification, variation management and human capital investment.

Our Goal

Our goal is to take your company data and turn it into action via system solutions tailored specifically to your company's needs. These system solutions will then allow you to better utilize both human and equipment resources.

How to Defend Against Potential Auditor Bias

Have you ever had an audit that just went completely sideways and the auditor seemed to have a "god-like" attitude? Were you just excited to get the audit over with and you didn't discuss any nonconformances generated because you just wanted the auditor to leave? We've all experienced this and here are a few tips to utilize in these kinds of audits.

1. KNOW YOUR PROCESSES - Remember, the standard allows organizations the freedom to define processes, monitor those however the company chooses utilizing a risk-based approach and only requires limited documentation for those processes. Remember, per ISO9000:2015, a process is a set of interrelated or interacting activities that use inputs to deliver an intended result.



2. KNOW THE STANDARD - Now you aren't required to memorize the standard or even have the same depth of understanding as your auditor, but you should know the standard well enough to understand when they are looking at the Sales process, for example, the auditor will be looking for the one piece of required evidence for records...the contract review. That can be any form but you need to know what the auditor will be looking for

AS9100D

3. BE PREPARED TO RESPECTFULLY DISAGREE - If you believe you are correct in the system, have the auditor show you in the standard, the area where there is a perceived gap. If the standard says "the organization shall define...." and all people interviewed during the process have been able to demonstrate the same process, then hold your ground. Auditors may be used to seeing procedures on everything but that's not the requirement of the standard. Refer to item 2 above.



4. IT'S OKAY TO APPEAL IF NEEDED - All certification bodies have an appeals process to ensure auditors "don't go rogue." Now, I'm not recommending you appeal each and every finding, but if the standard is clear, your organization has demonstrated compliance and the auditor is not budging, this might be a good opportunity to appeal the finding to a neutral party. You might or might not win the appeal, but you have the right to appeal.

**Having issues with Auditor Bias?
Let CDS Advanced Quality Solutions help!**





PPAPs for Aerospace (Part 1)

PPAP: Automotive vs Aerospace Industry, What's the difference? Instead of the 18 auto industry elements, aerospace has only 11 components for their PPAPs.

PPAP (Production Part Approval Process) is used in the aerospace industry to establish confidence in suppliers and their production process.

The PPAP elements for the aerospace industry include design records, design FMEA, process flow diagram, process FMEA, control plan, measurement system analysis, initial process / capability studies, packaging, preservation & labeling, FAIRs, customer specific requirements, and approval form.

It is standardized method for suppliers to submit approvals for new or changed parts to their customers before fulfilling production orders.

Having issues with PPAPs?
Let CDS Advanced Quality Solutions Help!
PPAP

DFARS Requirements Related to NIST800-171

Did you know that DFARS 252.204-7012, DFARS 252.204-7019 and DFARS 252.204.7020 are flowed on most DoD contracts to their primes and then flows down throughout the supply chain? Are you aware of what's being flowed to you and how you need to comply? Let's unpack them just a bit, bearing in mind, this is just a very high level overview only.

- 252.204.7019 requires organizations to have a current (not more than 3 years old) NIST800-171 assessment.
- 252.204.7020 requires organizations to comply with the requirements imposed on 252.204.7012 and the organization must flow this to their suppliers (excluding COTS items)
- 252.204-7012 is the large DFARS clause covering NIST requirements. We won't unpack this completely but please know that this requirement states that an organization must comply with the latest version of NIST800-171 which was in effect at time of contract release. The current version of NIST800-171 is Version 3. Now, there is one caveat to this, in that a Memorandum was released by the Office of the Undersecretary of Defense allows organizations to work to Version 2 until further notice. Read the entire memo [here](#). What this means is that if you are working to Version 2, you are still complying with the DFARS 252.204.7012 requirements. Organizations should have a plan in place, though, to start the compliance process to Version 3.



Do you really know if your DFARS?
Let CDS Advanced Quality Solutions help!



AS9145 - APQP for Aerospace (Part 1)

The aerospace standard AS9145 was released in 2016 and titled "Requirements for Advanced Product Quality Planning (APQP) and Production Part Approval Process (PPAP)". Aerospace adopted the Automotive Industry Action Group's (AIAG) APQP concepts and applied a common-sense approach in fitting these to the Aerospace industry. While there are some differences, the theme, purpose, and concepts remain the same.

What is AS9145? The AS9145 is used as a guideline and is not an AS standard for certification. It establishes requirements for performing and documenting APQP and PPAP.

5 Phases of APQP:

1. Planning
2. Product Design and Development
3. Process Design and Development
4. Product and Process Validation
5. On-going Production and Post Delivery

See our April Newsletter for Part 2 as we dive into APQP & PPAPs for Aerospace! Get ready, it's not just for Automotive anymore!



Need help with APQP?
Let CDS Advanced Quality Solutions Help!

P PRODUCTION
P PART
A APPROVAL
P PROCESS

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Do you have topics you would like to see?

Do you have the need for trainings?

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