In This Issue

- Identifying Your QMS Processes
- Cyber Security
- 6S and AS9100D Relationship
- 6 Steps to a Kaizen Improvement

Happy New Year! Start off Right!

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.

Identifying Your QMS Processes

Over the past few newsletters, we've focused on Key Performance Indicators for your QMS and why they are needed (remember, they are a requirement of AS9100 Section 4.4 and needed to ensure processes are performing as you expect).

But let's take a step back. How would you identify the processes that need to be measured to ensure the QMS is performing at its best? It depends on your perspective. If you're working in the Deburr department, you would definitely say Deburring is a process. The same would hold true if you worked in the CNC turning or CNC milling departments. But remember, in this portion of the standard, the organization is to review the interrelated processes as a system which allows the organization to achieve the desired results. We like to say "what do the processes look like when viewed from 30,000 feet"?

If you stop and look at your QMS from a 30,000' system level, you will probably see groups of sub-processes that make up one process. You will see this across many aspects of your QMS. For example, an organization may have CNC turning, CNC milling, and Deburring, but from the 30,000' system level this is their Production activities. This lends itself to be the "Production" process. The same would hold true for an "Engineering" process or even a "Support" process.

Keep this in mind when identifying the processes you want to measure to ensure your QMS allows the organization to achieve the intended results. You can always have another layer of sub-processes which are monitored and measured, and this would be demonstrating compliance to Section 9.1 of the standard. If you have 15-20 processes identified at the QMS level, you will need to analyze and evaluate all those processes for effectiveness.

Next month, we will explore how to link these processes together as the Interaction of Processes.

Having issues identifying your QMS Processes?
Let CDS Advanced Quality Solutions help!

6 Steps to a Kaizen Improvement

The Kaizen Approach is a continuous improvement methodology. These steps can help you identify problems, find solutions, and create more efficient processes whether you work in manufacturing, logistics, or any other industry.

Here's how you do it:
1) Identify Problem: Your first step is to identify the problem that needs solving.
2) Analyze Current Process: Understand the existing process to find the root cause of the problem.
3) Create Solutions: Generate possible solutions for the problem.
4) Test Solutions: Implement the selected solution(s) on a smaller scale to test their effectiveness.
5) Measure & Analyze Results: Assess the effectiveness of the implemented solution.
6) Standardize the Solution: If the solution is successful, standardize it for broader implementation.

Having issues with creating a Kaizen Events?
Let CDS Advanced Quality Solutions Help!

Cyber Security

Cyber security for manufacturing is the protection of industrial systems and data from cyber threats. Some steps to improve cyber security for manufacturing are:

1) Perform a cyber security maturity assessment and prioritize actions based on risk profiles.
2) Establish a formal cyber security governance program that considers operational technology.
3) Educate and train employees on cybercrime awareness and best practices.
4) Introduce strong passwords in two factor authentication and enforce these rules.
5) Ensure updates for relevant software are always applied immediately.
6) Build in security measures into the design and operation of industrial systems.

Cybersecurity is important for manufacturing and servicing companies because security breaches delay/disrupt operations (production & service), affect client and consumer trust, data breaches, ransom attacks, and a potential attack can cost thousands of dollars per minute.
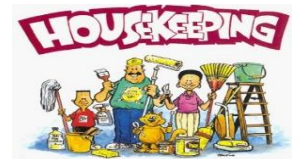
Do you really know if your IT System is secure from attacks?
Let CDS Advanced Quality Solutions help!

6S and AS9100D Relationship

Applying 6S is a way of implementing AS9100D clauses 7.1.3 and 7.1.4, which address Infrastructure and Environment for the Operation of Processes. According to clause 7.1.3, the infrastructure required to produce a product or provide a service should be maintained. Maintenance can be additionally ensured through following good practices while operating and keeping infrastructure and its surroundings clean. For example, the build-up of debris and dirt from production processes, and dust on facilities can generate excessive heat and the breakdown of critical equipment.

So, here are some benefits from 6S implementation:
1) Increased productivity
2) Improved health and safety
3) Decreased costs
4) Decreased waste
5) Increased visual management

To summarize it is a methodology to approach how to work with AS9100D clauses and it gives you benefits by making it easy to track down and improve workspace inefficiencies

Need help with 6S and Housekeeping?
Let CDS Advanced Quality Solutions Help!

Contact Us Today

If you like our Newsletter, share with your friends and Colleagues!

Do you have topics you would like to see?

Do you have the need for trainings?

CDS AQS is here to help you!

Phone:
817-691-1238
Email:
info@cdsaqs.com