

Meteorological Department Suriname



NMC -J.A.Pengel Int'I

Challenges: moving from ISO 9001 : 2008 to ISO 9001 : 2015

Implementation and certification

- ▶ **Implementation** ISO 9001 : 2008 in 2014
- ▶ **Achieved Certification:** May 05, 2015
- ▶ **Certified by:** KIWA NV, a European Institution for testing, Inspection and Certification, Headquartered in Rijswijk, the Netherlands
- ▶ **Scope:** Provide Weather Related Information for International Air Navigation
- ▶ **Number of employees:** 30
- ▶ **Unit:** the Synoptic Division



The ISO 9001 standard is built on seven quality principles:

- ▶ Customer Focus
- ▶ Leadership
- ▶ Engagement of People
- ▶ Process Approach
- ▶ Improvement
- ▶ Evidence-Based Decision Making
- ▶ Relationship Management

ISO 9001 requires that the organization remains focused on providing quality based on these principles, and in doing so, we improve our operations, products and services, and employee and customer satisfaction.



Interim Audits after Certification

- ▶ During the validity of the certificate, the certification body conducted annual monitoring and evaluation. Monitoring audit to review compliance with the requirements of ISO 9001. Monitoring cycle took place from 9 months to 12 months
- ▶ To achieve and maintain control and continual improvement for process and products, the PDCA cycle is used
- ▶ The certificate is valid for 03 years. As such, the certificate will state as the expiry date on May 05, 2018





Renewal/Re-Certification

- Discussion with the certification company in December 2017: Recertification Audit to ISO 9001 : 2008 and then complete a transition audit to ISO 9001 : 2015
- For the transition the Quality unit has to do the following: the first three clauses in ISO 9001:2015 are largely the same, but there are considerable differences between ISO 9001:2008 and ISO 9001:2015.
- The Risk-Based Thinking is at the core of ISO 9001 : 2015, meaning that threshold values of meteorological parameters related to aviation should be described

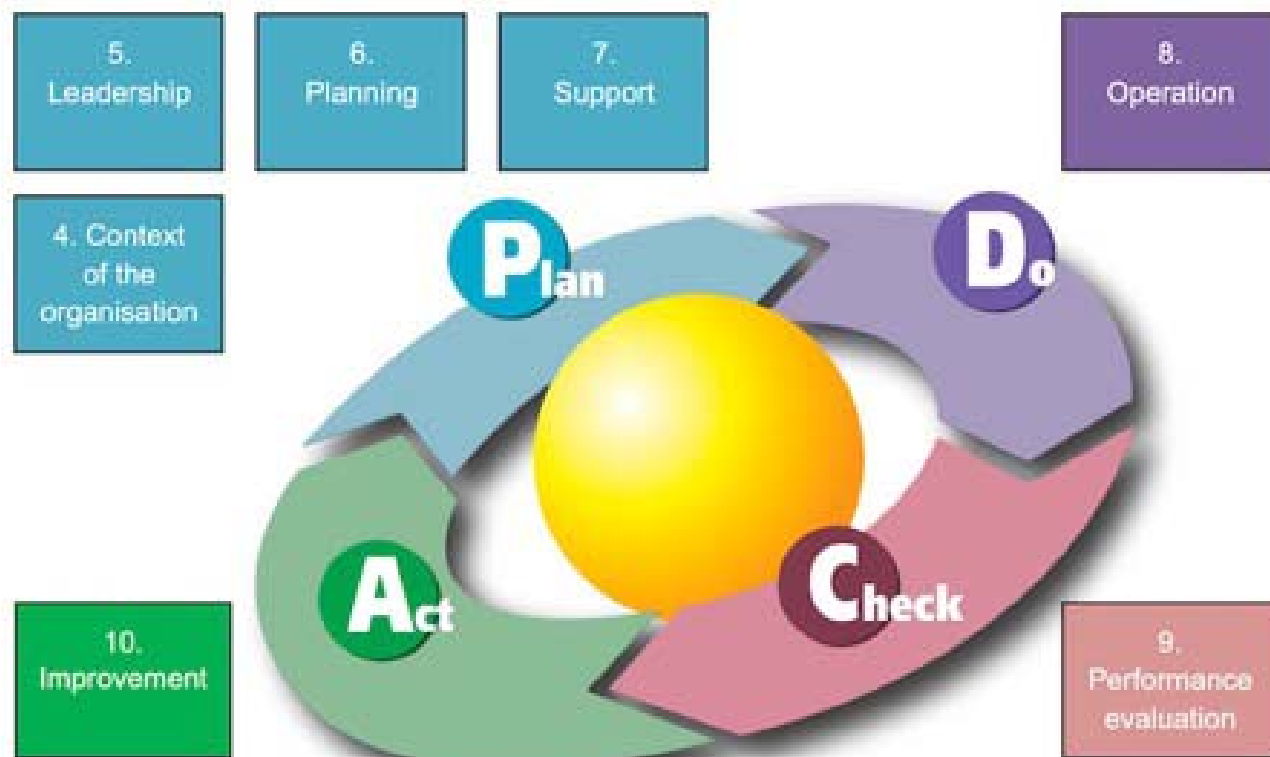
Shortcomings and Challenges to ISO 9001: 2015

- ▶ The idea behind the change is that quality is a matter for everyone and for all levels within the organization.
- ▶ ISO 9001:2015 also places more emphasis on leadership and management commitment
- ▶ ISO 9001:2015 is intended to encourage integration and harmonization with the organization's processes and strategies. This helps emphasize top management responsibility to ensure the effectiveness of the quality management system.





The PDCA cycle is a four-step management method used to achieve and maintain control and continual improvement for process and products.



- Commitment of leadership and management.
- Quality management systems often fail when managers do not use them to their full advantage or lack the knowledge on how to use them properly.
- Becoming Certified takes Effort.
- There is a Lot of Bureaucracy Involved.
- Certification requires greater accountability.
- ISO 9001 certification can be too expensive for smaller organization





Status 2021:

- ▶ A new government, new leadership and change in policy regarding QMS
- ▶ The Top Management demonstrate leadership and commitment in regard to the QMS. They ensure that the quality policy and objectives are compatible with the organization's strategic direction and that the policy is understood and followed, and that the QMS should be integrated into the organization's product and service processes.
- ▶ The Quality unit can now function and has to focus on ISO 9001 : 2015

Target date of Renewal/Re-Certification: September 2022



Thank you

Recommendations and Questions