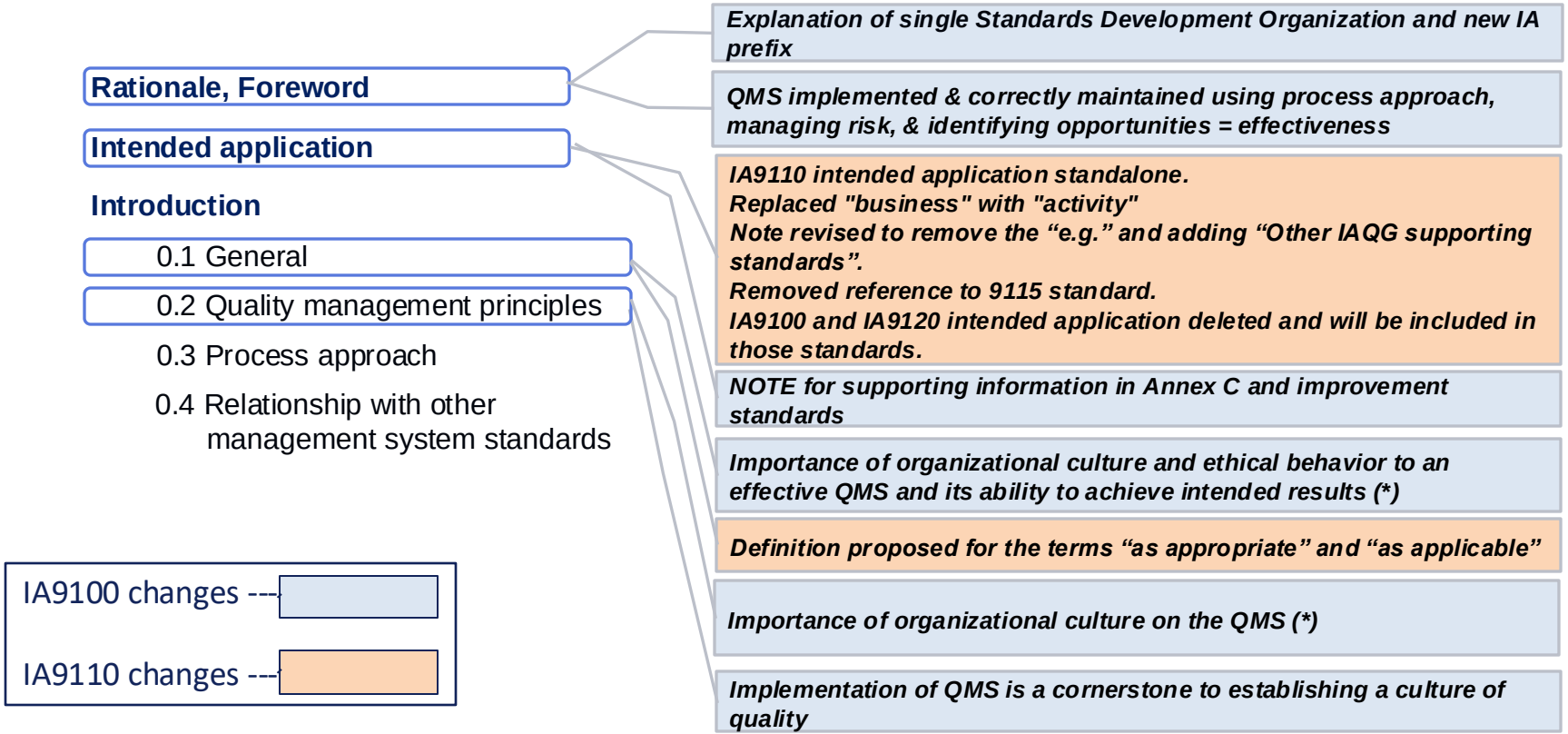
IA9110 KEY CHANGES
CLAUSE BY CLAUSE VIEW

June 2024

This Clause-by-Clause view describes the new or revised IA9110 specific requirements, compared to AS9110:2016.

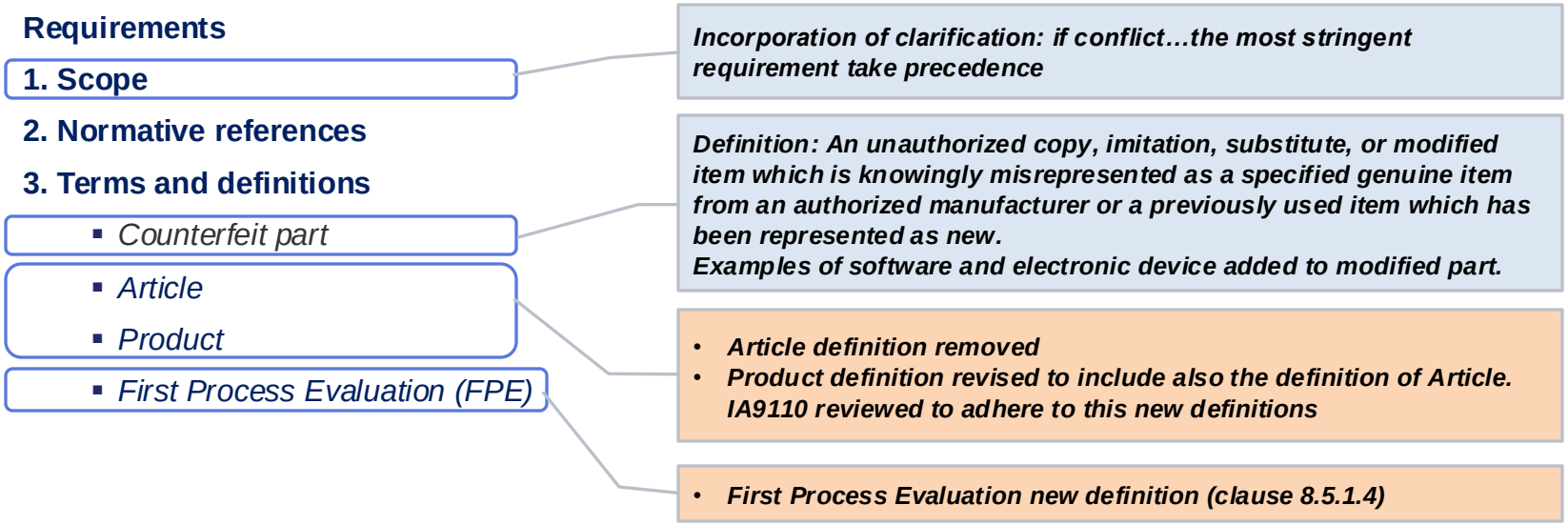
It has been completed after the IA9100 CD comments disposition.
All the common comments have been already analyzed and:
- if accepted, they have been implemented in IA9110
- if rejected, they will not be included in IA9110

Clause-by-Clause Comparison



*** - Development of Support Materials and SCMH Content**

Clause-by-Clause Comparison



Clause-by-Clause Comparison

4. Context of the organization

4.1 Understanding the organization and its context

4.2 Understanding the needs and expectations of interested parties

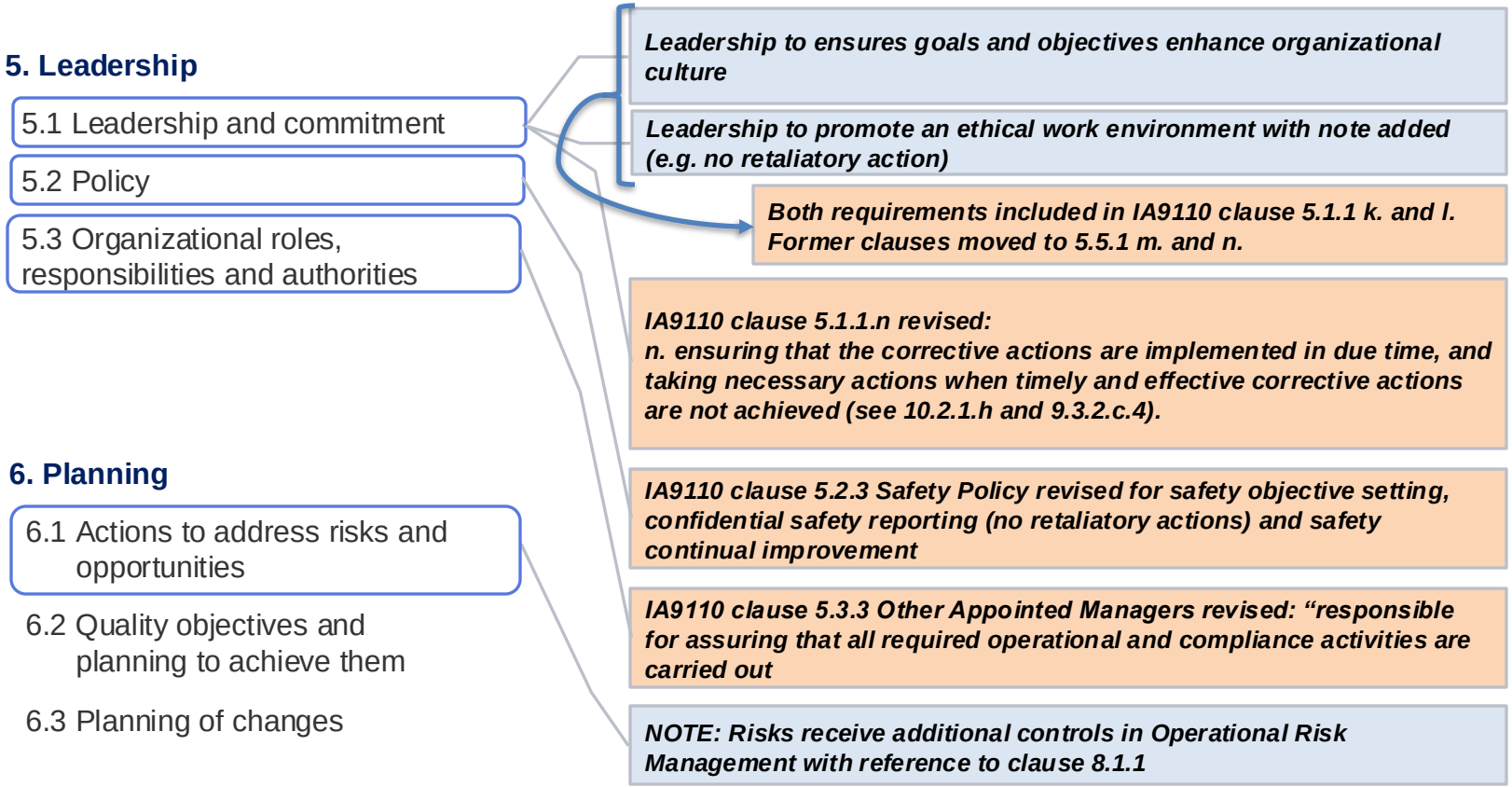
4.3 Determining the scope of the quality management system

4.4 Quality management system and its processes

NOTE: The determination of processes is an organizational decision as to the level of detail needed to adequately manage the QMS

Former AS9110 clause 4.4.2.c now become 4.4.3 and the list has been identified by letters.
Added Note for Quality Plan

Clause-by-Clause Comparison



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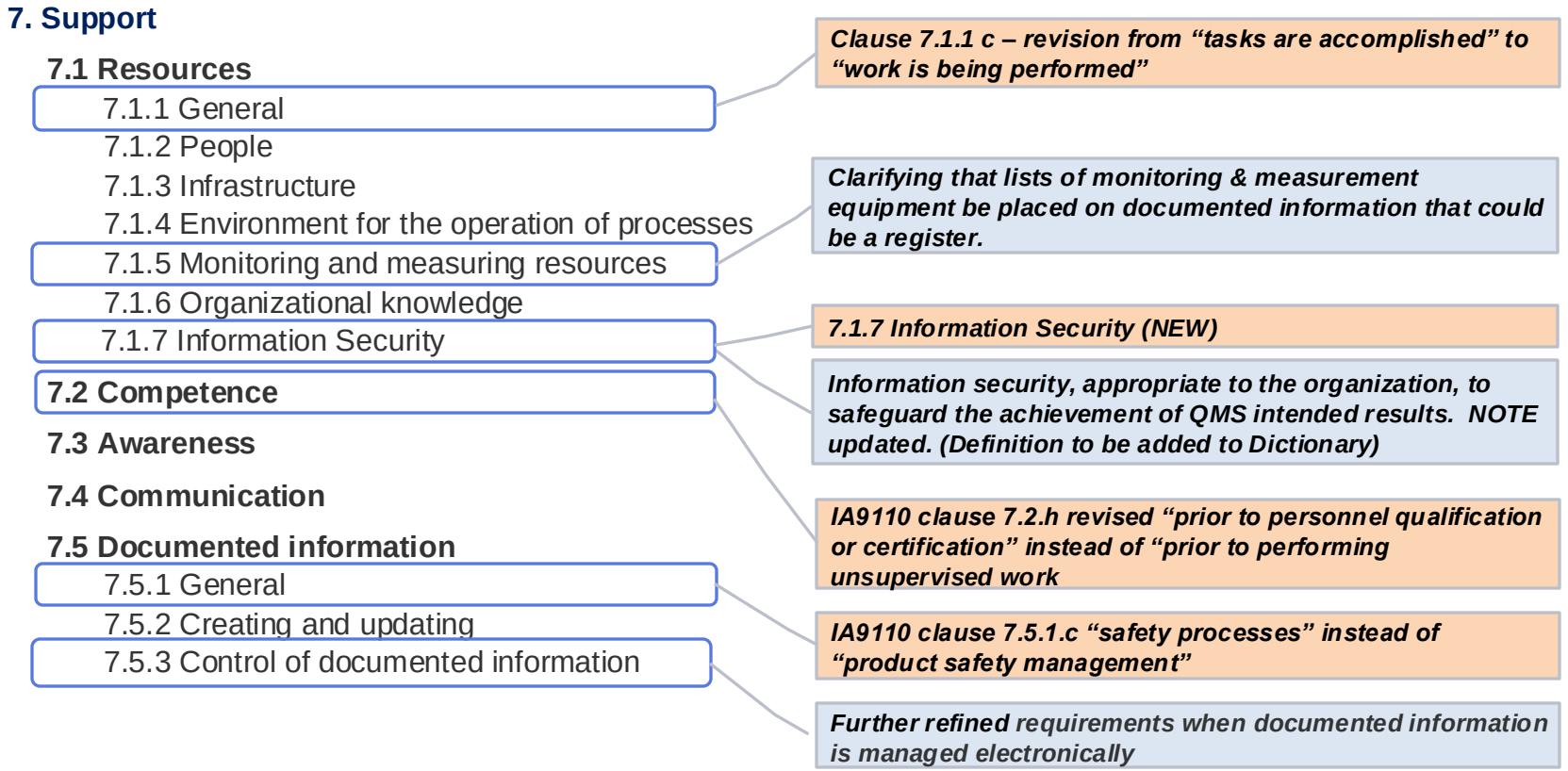


Clause-by-Clause Comparison

8. Operation

8.1 Operational planning and control

8.1.a. Information security and data protection added to the NOTE.
8.1.k. (New) Operations to prevent, detect and mitigate the risk of foreign objects
Clause under 8.1.j added "regulatory requirements"
Note: (Revised) to include APQP is one method for operational planning and control
Added Transfer of Work, previously not included in 9110 and additional Note 3 regarding the inclusion of changing location, housings or facilities.

8.1.1 Operation risk management

8.1.2 Configuration management

IA9110 clause 8.1.2 revised to include "CAMO" as stakeholder

8.1.3 Product safety

8.1.3 Product Safety: NOTE elevated to requirement.
New clause 8.1.3.h (confidential reporting system with a note to an anonymous reporting)

8.1.4 Prevention of counterfeit parts

8.1.5 Prevention of Susp. Un. Parts

Change adopted in IA9100 8.1.4 and reflected in IA9110 8.1.5
NOTE items now requirements, including training, parts obsolescence monitoring program, traceability of parts, test methodologies, monitoring counterfeit parts, and segregation/containment/ reporting of suspected or detected counterfeit parts. Removal of e.g. for training.

Clause-by-Clause Comparison

8. Operation

8.2 Requirements for products and services

8.2.1 Customer communication

8.2.2 Determining the requirements related to products and services

8.2.3 Review of the requirements related to products and services

8.2.4 Changes to requirements for products and services

Clause-by-Clause Comparison

8. Operation

8.3 Design and development of products and services

8.3.1 General

8.3.2 Design and development planning

8.3.3 Design and development inputs

8.3.4 Design and development controls

8.3.5 Design and development outputs

8.3.6 Design and development changes

IA9110 Clause after 8.3.6 revised to include reference to configuration management (clause 8.1.2)

Clause-by-Clause Comparison

8. Operation

8.4 Control of externally provided processes, products and services

8.4.1 General

8.4.2 Type and extent of control

8.4.3 Information for external providers

Former statement from IA9100 included in IA9110 8.4.1 on:
- ***Responsibility for the conformity of all externally provided processes***
- ***Application of appropriate controls to their direct and sub-tier***

Restructured NOTE in 8.4.1

Changed NOTES order.
Allow remote inspections.
Included new statement on the verification (<u>not delegation</u>) of contracted activities
Organization to "implement a process" (not "determine a method") for qualifying and overseeing non cert. external providers.
Contracted activities verification to be retained as documented information (requirement coming from IA9100)

Restructured clause to increase understanding including adding direct and sub-tier control

In IA9110 the clause is the 8.4.3.g, restructured in line with IA9100 and numbered.
Also the IA9110 clause 8.4.3.i now numbered

Clause-by-Clause Comparison

8. Operation

8.5 Production and service provision

8.5.1 Control of production and service provision

8.5.2 Identification and traceability

8.5.3 Property belonging to customers or external providers

8.5.4 Preservation

8.5.5 Post-delivery activities

8.5.6 Control of changes

8.6 Release of products and services

8.7 Control of nonconforming outputs

8.5.1.d NOTE revised in alignment with IA9100.
8.5.1.1 included software.
8.5.1.2 Note reference to clause 8.4.

8.5.1.3 Production Process Verification is "Not used" (was "not applicable")

8.5.1.4 Evaluation of a New Capability and reference to the First Process Evaluation (FPE). New requirement added in 9110 (*)

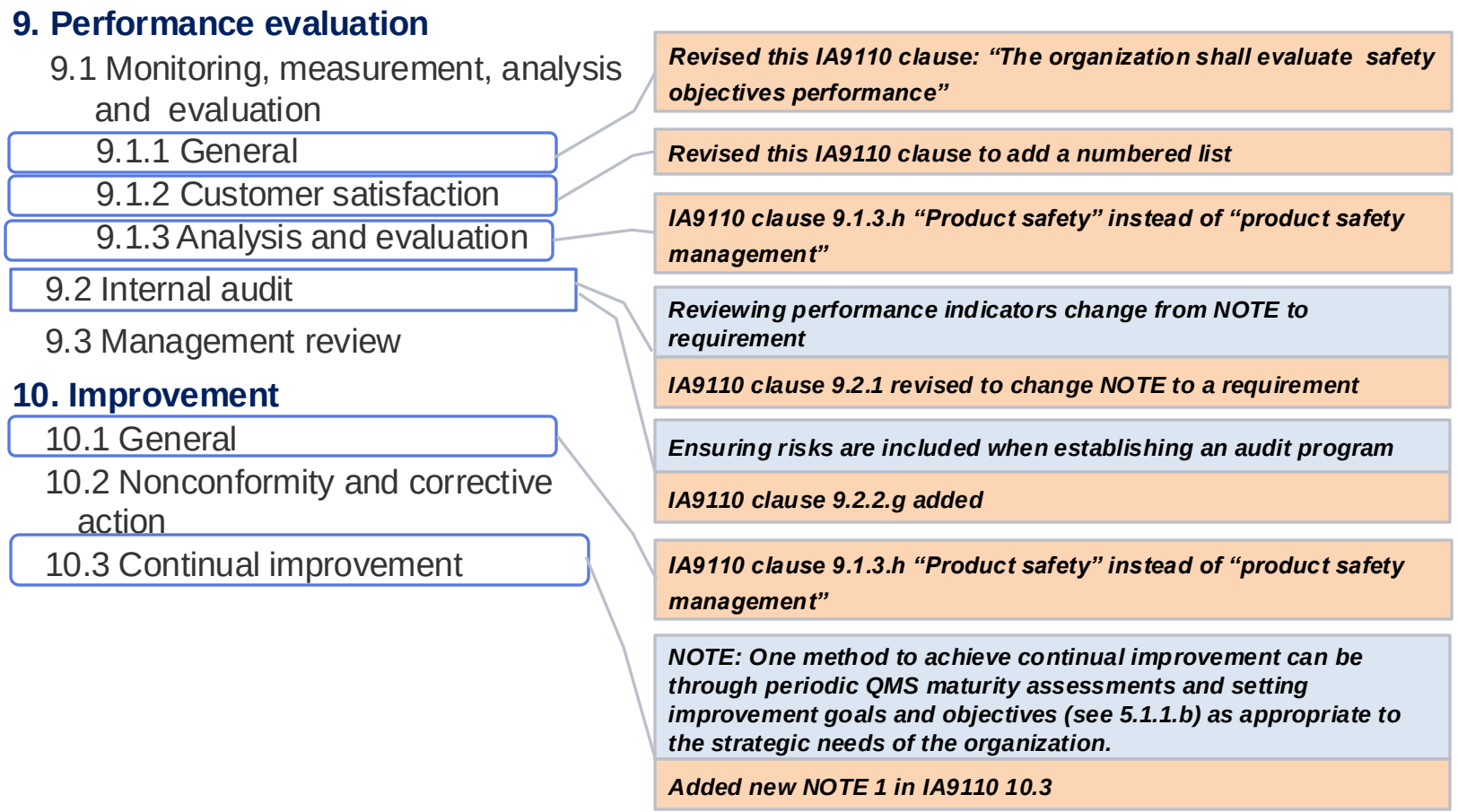
Clarification added for product "during and after maintenance"

8.5.5.f revised to include other examples of product/customer support

Change Clause 8.7.1 - defining corrective actions for nonconforming products and services including those detected after delivery, as appropriate to their impacts (see 10.2). Clarification that clause 10.2.1.b.1-3 are to be viewed as sequential activities.

*** guidance and supporting material on FPE being developed to create a new SCMH section**

Clause-by-Clause Comparison



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