ICM CERTIFICATION (P) LIMITED

Transition to ISO 22000:2018

Food safety management System

ASUS

Quality	HACCP	ICMC	ISO 22000

ICM Certification
Accredited

Food safety management system

The 2018 version of ISO 22000 was published on June 19 2018. With this release, ISO 22000:2005 will be withdrawn. Certified Companies with the ISO 22000:2005 standard have to transition their certificate to ISO 22000:2018, and there is a 3-year transition period until June 29 2021 according to IAF resolution 2018-15. We recommend to start the transition preparations already now. The aim of the ISO 22000 is to harmonize the requirements for food safety management on a global level. The standard contributes to ensure food safety throughout the whole food chain from farm-to table. The standard does not state specific criteria for Food Safety Performance, nor is it prescriptive about the design of a management system.

Main changes in ISO 22000:2018

ISO 22000:2018 applies the ISO High Level Structure (HLS), common for all ISO standards. As it follows the same structure as other widely applied ISO standards, such as ISO 9001 and ISO 14001, it will be easier to integrate with other management systems.

Users familiar with ISO 22000:2005 will recognize that most of the requirements of the ISO 22000:2005 are continued in ISO 22000:2018. However, there are some new and revised requirements. Some of the changes are induced by the HLS, but in addition there are some that are specific for food safety management.

Choose the transition package that suits your needs

ICM Certification can guide you from preparations to transition to the new standard. As different companies need different levels of support to transition, we have prepared three transition packages that can support you on your transition journey. They include everything from basic awareness sessions and material to self-assessments and migration audits - depending on your need.

Key changes in ISO 22000:2018 vs ISO 22000:2005

ISO 22000:2018 applies the ISO High Level Structure (HLS), Common for all ISO standards. Some of the changes in ISO 22000:2018 vs. ISO 22000:2005 are induced by the HLS, while some are specific to food safety management System.

ISO 22000:2018 was released on June 19 2018, and is an international standard. As it follows the same High Level Structure (HLS) structure as other widely applied ISO standards, such as ISO 9001 and ISO 14001, it will be easier to integrate with other management systems.

If you are already applying ISO 22000:2005, you will recognize most of the requirements in ISO 22000:2018. However, there are quite a few changes from ISO 22000:2005 that you must prepare for in order to transition and comply with ISO 22000:2018.

Key changes in ISO 22000:2018
These are some of the key changes to consider:

1. **Changes due to the adoption of HLS**
   Business Context and interested parties: **Chapter 4.1, external and internal issues, introduces new clauses for systematic determination and monitoring of the business context, and Chapter 4.2, needs and expectations of interested parties, introduces demands to identify and understand factors that can (potentially) affect the ability of Management System to reach the intended results.**
   Strengthened emphasis on leadership and management commitment: **Chapter 5.1 now includes**

new demands to actively engage and take accountability for the effectiveness of the management system.

Risk management: Chapter 6.1 now requires companies to determine, consider and, where necessary, take action to address any risks that may impact (either positively or negatively) the ability of the management system to deliver its intended results.

Strengthened focus on objectives as drivers for improvements: these changes can be found in Chapter 6.2, and performance evaluation chapter 9.1.

Extended requirements related to communications: Chapter 7.4 is now more prescriptive in respect to the "mechanics" of communication, including determination of what, when and how to communicate.

Less strict requirements for a food safety manual: the change is introduced in chapter 7.5. It is still required to have documented information. Documented information shall be controlled to ensure it is adequately protected (ref. 7.5.3). The explicit requirement to have a documented procedure has been removed.

2. Other changes that are specific to ISO 22000 and Food Safety Management System

The PDCA cycle: the standard clarifies the Plan-Do-Check-Act cycle, by having two separate cycles in the standard working together: one covering the management system and the other, covering the principles of HACCP.

The scope now specifically includes animal food: Food for animals not producing food for human consumption. Feed is intended to be fed to food producing animals.

Some important changes in the definitions: 'Harm' is replaced by 'adverse health effect' to ensure consistency with definition of food safety hazard. The use of 'assurance' highlights the relationship between the consumer and the food product, based on the assurance of food safety.

Communicating the food safety policy: Chapter 5.2.2: Explicitly requires the management to facilitate understanding of the food safety policies by employees.

Food Safety Management System Objectives: Establishing objectives for the food safety management system is further specified in Chapter 6.2.1 and includes items as e.g. 'consistent with customer requirements', 'monitored' and 'verified'.

Control of externally-provided processes, products or services - Chapter 7.1.6: This clause introduces the need to control the suppliers of products, processes and services (including outsourced processes) and to ensure adequate communication of relevant requirements, to meet the food safety management system requirements.

In addition, there are several key changes in the ISO 22000:2018 compared to ISO 22000:2005 related to the HACCP systematic.

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ISO 22000:2005 to ISO 22000:2018

Mapping Guide
The following table has been designed to help you identify how the clauses of the final standard align
with the structure of the 2005 version

ISO 22000:2005			ISO 22000:2018
Introduction			Introduction
Scope	1	1	Scope
Normative references	2	2	Normative references
Terms and definitions	3	3	Terms and definitions
		4	Context of the organization
		4.1	Understanding the organization and its context
Food safety management system	4		
General requirements	4.1	4.3	Documented information
		4.4	Food safety management system
Documentation requirements	4.2	7.5	Determining the scope of the food safety management system
		7.5.1	General
		7.5.2	Creating and updating
		7.5.3	Control of documented information
Management responsibility	5	5	Leadership
Management commitment	5.1	5.1	Leadership and commitment
Food safety policy	5.2	5.2	Policy
		5.2.1	Establishing the food safety policy
		5.2.2	Communicating the food safety policy
Food safety management system planning	5.3	6.2	Objectives of the food safety management system and planning to achieve them
		6.3	Planning of changes
Responsibility and authority	5.4	5.3	Organizational roles, responsibilities and authorities
Food safety team leader	5.5		
Communication	5.6	7.4	Communication (title only)
		7.4.1	General
		7.4.2	External communication
		7.4.3	Internal communication
Emergency preparedness and response	5.7	8.4	Emergency preparedness and response
		8.4.1	General
		8.4.2	Handling of emergencies and response
Management review	5.8	9.3	Management review
		9.3.1	General
		9.3.2	Management review input
		9.3.3	Management review output
Resource management	6	7.1	Resources
Provision of resource	6.1	7.1.1	General
Human resources	6.2	7.1	Resources
		7.1.1	General
		7.2	People
		7.3	Awareness
Infrastructure	6.3	7.1	Resources
		7.1.3	Infrastructure

Work environment	6.4	7.1.4	Work environment
Planning and realization of safe products	7		
General	7.1	8.1	Operational planning and control
Prerequisite programmes (PRPs)	7.2	8.2	Prerequisite programmes (PRPs)
Preliminary steps to enable hazard analysis	7.3	8.5.1	Preliminary steps to enable hazards
Hazard analysis	7.4	8.5	Hazard control
		8.5.1	Preliminary steps to enable hazard analysis
		8.5.2	Hazard analysis
Establishing the prerequisite programmes (PRPs)	7.5		
Establishing the HACCP plan	7.6	8.5.4	Hazard control plan (HACCP/OPRP plan)
Updating of preliminary information and documents specifying the PRPs and the HACCP plan	7.7	8.6	Updating the information specifying the PRPs and the hazard control plan
Verification planning	7.8	8.8	Verification related to the PRPs and the hazard control plan
Traceability system	7.9	8.3	Traceability system
Control of nonconformity	7.1	8.9	Control of product and process nonconformities
		8.9.1	General
		8.9.2	Corrections
		8.9.3	Corrective actions
		8.9.4	Handling of potentially unsafe products
		8.9.5	Withdrawal/recall
Validation, verification and improvement of the food safety management system	8		Verification related to PRPs and the hazard control plan
General	8.1		
Validation of control measure combinations	8.2	8.5.3	Validation of control measure(s) and combination(s) of control measure(s)
Control of monitoring and measuring	8.3	8.7	Control of monitoring and measuring
Food safety management system verification	8.4	9.2	Internal audit
Improvement	8.5	10	Improvement
Continual improvement	8.5.1	10.3	Update of the food safety management system
Updating the food safety management system	8.5.2	10.2	Continual improvement

1 Start

The START package is available for ISO 9001, ISO 14001, ISO 45001, ISO 22000 and ISO 50001. Below you find the description of the baseline START package that we offer. There may be slight local variations in the different countries where we operate.
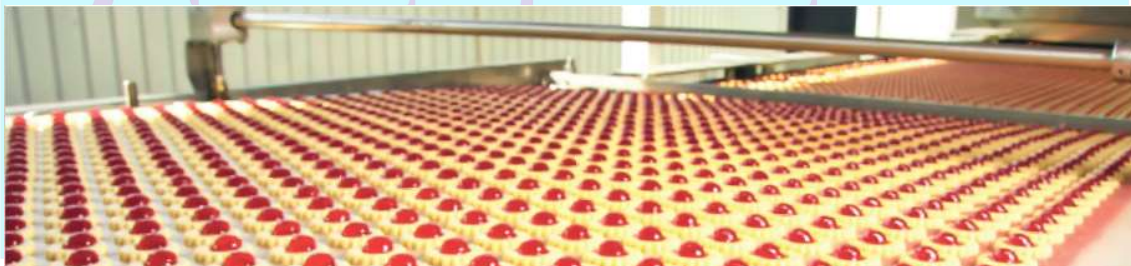
Includes

A set of guidelines and collateral that builds knowledge on the new standard(s) and transition process. This is complimented with a suite of eLearning, classroom and/or onsite courses delivered by our professional trainers. Get a deeper understanding of the new standard and requirements, building effective competence for the journey ahead:

- ❖ Guideline: the standard(s) and requirements
- ❖ Explanation of changes: main changes compared to the previous standard version
- ❖ Migration process guide: a road-map and guidance on the transition process
- ❖ New ISO 2015 – explanation of changes
- ❖ Risk based thinking (e-learning)
- ❖ High Level Structure, leadership and context of the organization (e-learning)
- ❖ Transition courses (public course or e-learning)

Key benefits

- ❖ Build an understanding of the new standard(s), requirements, rationale and logic.
- ❖ Immediately understand where to focus.
- ❖ Gain complete understanding of the process of transitioning to the new version.
- ❖ Get insight into possible opportunities for improvement .
- ❖ Obtain indication of your readiness to adopt the new requirements.

2 Develop

The DEVELOP package combines our online self-assessment tool and go-to-expert offer with the START package guidelines and training. In addition to providing knowledge needed on the new ISO requirements, it helps you identify gaps in your management system's transition readiness. By understanding your management system's degree of compliance, you can quickly identify necessary actions to complete the transition journey.

The DEVELOP package is available for ISO 9001, ISO 14001, ISO 45001, ISO 22000 and ISO 50001. Below you find the description of the baseline DEVELOP package that we offer. There may be slight local variations in the different countries where we operate.

Includes
- ❖ Online self-assessment: A structured self-assessment focused on the most important new requirements.
- ❖ Go-to-expert: A seasoned auditor comments on your self-assessment results and with whom you can discuss the new ISO requirements and most common implementation pitfalls.

On top of:

- ❖ Guideline: the standard(s) and requirements
- ❖ Explanation of changes: main changes compared to the previous standard version
- ❖ Migration process guide: a road-map and guidance on the transition process
- ❖ New ISO 2015 – explanation of changes
- ❖ Risk based thinking (e-learning)
- ❖ High Level Structure, leadership and context of the organization (e-learning)
- ❖ Transition courses (public course or e-learning)

Key benefits

- ❖ Overall view of your management system maturity.
- ❖ Identification and prioritization of actions to make your management systems compliant to the new requirements.
- ❖ Quantitative indication of the degree of compliances.
- ❖ Break-down into management system main processes and sub-areas providing a more granular analysis.
- ❖ An experienced auditor providing insight into the results of the self-assessment.
- ❖ Build awareness of and discuss the most common pit-falls when it comes to the new requirements.

In addition to:

- ❖ Build an understanding of the new standard(s), requirements, rationale and logic.
- ❖ Immediately understand where to focus.
- ❖ Gain complete understanding of the process of transitioning to the new version.
- ❖ Get insight into possible opportunities for improvement .
- ❖ Obtain indication of your readiness to adopt the new requirements.

3 Implement

The IMPLEMENT package adds an on-site GAP analysis, transition audit and Performance Benchmarking Tool on top of the guidelines, training and assessments in the DEVELOP package. Our most comprehensive package smoothly guides you through the knowledge needed on the new requirements, assesses your transition readiness and completes the transition process together with our experienced auditors. With the Implement package, you have all the elements for an effective transition journey.

The IMPLEMENT package is available for ISO 9001, ISO 14001, ISO 45001, ISO 22000 and ISO 50001. Below you find the description of the baseline IMPLEMENT package that we offer. There may be slight local variations in the different countries where we operate.

Includes

❖ Onsite GAP Analysis: The auditor checks the present situation on-site, identifying improvement areas to and highlights the gaps to be closed in order to be compliant.

❖ Transition audit*: Our experienced auditors assesses the compliance of your management system to the new version, thus concluding the transition process.

❖ Performance Benchmarking Tool: Our business intelligence tool analyzing your company audit data, providing more insight into the performance of your management system and providing benchmarking capabilities internally and against peers.

On top of:

❖ A structured self-assessment focused on the most important new requirements.
❖ Go-to-expert: A seasoned auditor comments on your self-assessment results and with whom you can discuss the new ISO requirements and most common implementation pitfalls.
❖ Guideline: the standard(s) and requirements
❖ Explanation of changes: main changes compared to the previous standard version
❖ Migration process guide: a road-map and guidance on the transition process
❖ New ISO 2015 – explanation of changes
❖ Risk based thinking (e-learning)
❖ High Level Structure, leadership and context of the organization (e-learning)
❖ Transition courses (public course or e-learning)

Key benefits

❖ Identify the GAP between your current situation and the desired situation.
❖ Identify and prioritize your actions.
❖ Get an exhaustive view of your management system and key focus areas, carried out by a professional auditor.
❖ We will support you in uncovering and prioritizing the areas of your management system that need to be improved, increasing your company's performance and helping you gain a competitive advantage.

In addition to:

- ❖ Overall view of your management system maturity.
- ❖ Identification and prioritization of actions to make your management systems compliant to the new requirements.
- ❖ Quantitative indication of the degree of compliance.
- ❖ Break-down into management system main processes and sub-areas providing a more granular analysis.
- ❖ An experienced auditor providing insight into the results of the self-assessment.
- ❖ Build awareness of and discuss the most common pit-falls when it comes to the new requirements.
- ❖ Build an understanding of the new standard(s), requirements, rationale and logic.
- ❖ Immediately understand where to focus.
- ❖ Gain complete understanding of the process of transitioning to the new version.
- ❖ Get insight into possible opportunities for improvement .
- ❖ Obtain indication of your readiness to adopt the new requirements.

Get started on your transition process

We recommend to start preparing for the transition as early as possible and plan properly to incorporate needed changes into your management system.

Recommended steps for the transition:

- ❖ Get to know the content and requirements of ISO 22000:2018. The standard is available for purchase from ISO and possibly from your national standards provider. If you are a current user of ISO 22000:2005 you should focus on the changes in requirements.
- ❖ Ensure that relevant personnel in your organization is trained and understand the requirements and key changes.
- ❖ Identify gaps which need to be addressed to meet the new requirements and establish an implementation plan. Implement actions and update your management system to meet the new requirements.
- ❖ Evaluate the effectiveness of implementation through internal audits and define further actions where needed.
- ❖ Our auditors are prepared and have a full overview of the changes and what is required to transition from ISO 22000:2005 to ISO 22000:2018. We can support you in all phases of the migration, so that you can start preparing, assess your level of readiness and efficiently complete that migration.

How can ICMC support your implementation?

The above packages bundle various services to support your transition process, and can include:

- ❖ Seminars, webinars, e-learning, self-assessment checklists etc. where you typically learn about the standard and where you get a basic overview of the content and key changes compared with ISO 22000:2005, the migration process etc.
- ❖ Tutored training courses, in-company or public. The objective of these courses is to provide detailed insight into the content and changes and about the required steps for transition. These are modular courses where the level of detail can be tailored to your needs.
- ❖ Gap assessment (workshops) where we assess your management system against the requirements of the new standard and identify the gaps that need to be addressed. This will provide useful input to your process to comply with the new standard. The level of detail of such assessment can be tailored to your needs.
- ❖ Transition audits and benchmarking tools.

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