

Nederlandse norm

NEN-EN-ISO 14005 (en)

Milieumanagementsystemen - Richtlijnen voor
een flexibele manier van gefaseerde
implementatie (ISO 14005:2019,IDT)

Environmental management systems - Guidelines
for a flexible approach to phased implementation
(ISO 14005:2019,IDT)

ICS 13.020.10
juli 2019

Als Nederlandse norm is aanvaard:

- EN ISO 14005:2019, IDT
- ISO 14005:2019, IDT

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EUROPEAN STANDARD

EN ISO 14005

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Environmental management systems - Guidelines for a flexible approach to phased implementation (ISO 14005:2019)

Systèmes de management environnemental - Lignes directrices pour une approche souple de la mise en oeuvre par phases (ISO 14005:2019)

Umweltmanagementsysteme - Leitlinien für einen flexiblen Ansatz zur phasenweisen Umsetzung (ISO 14005:2019)

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Preview

European foreword

This document (EN ISO 14005:2019) has been prepared by Technical Committee ISO/TC 207 "Environmental management" in collaboration with CCMC.

This European Standard, comprising the identical text of ISO 14005:2019 and an addendum (Annex B), shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by January 2020, and conflicting national standards shall be withdrawn at the latest by January 2020.

The CEN management board (CEN/BT) approved the addition of an European Annex (Annex B), including requirements of EMAS (COMMISSION REGULATION (EC) 1221/2009).

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Endorsement notice

The text of ISO 14005:2019 has been approved by CEN as part of EN ISO 14005:2019 without any modification. Attention is drawn to the addition of the European Annex to the text of ISO 14005:2019 for publication as EN ISO 14005:2019.

Annex B (informative)

European Annex Enhanced Maturity Matrix (including EMAS requirements)

B.1 Purpose

This European Annex provides voluntary guidelines for organizations that wish to implement an environmental management system according to the requirements of COMMISSION REGULATION (EC) 1221/2009 (EMAS) [<http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32009R1221>] and its revised annexes (Annex I-III, amended by COMMISSION REGULATION (EU) 2017/1505 [<http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX:32017R1505>] and Annex IV, amended by COMMISSION REGULATION (EU) 2018/2026 [<http://data.europa.eu/eli/reg/2018/2026/oj>]). The guidelines are additionally directed towards those organizations that wish to step up from an environmental management system according to EN ISO 14001 to EMAS.

B.2 Maturity matrix adapted to the requirements of EMAS

The Eco-Management and Audit Scheme (EMAS) is a voluntary scheme that enables organizations to assess, manage, report and continuously improve their environmental performance. It incorporates all the EMS requirements of EN ISO 14001 but goes beyond. Additionally, EMAS includes requirements for auditing and registration of organizations.

Following the recent revision of EN ISO 14001, the EU has updated EMAS to allow full integration of EN ISO 14001:2015. The respective requirements are provided by EMAS (REGULATION (EC) No 1221/2009) and its revised annexes (Annex I-III, amended by COMMISSION REGULATION (EU) 2017/1505 and Annex IV, amended by COMMISSION REGULATION (EU) 2018/2026 [<http://data.europa.eu/eli/reg/2018/2026/oj>]), including the requirements of EN ISO 14001:2015.

It is important to note that the European Regulation and its amendments also include a number of additional EMS elements to support organizations that wish to demonstrate continual improvement in their environmental performance. Consequently, in addition to the EMAS requirements identical to those of EN ISO 14001:2015, the maturity matrix provided in this Annex incorporates also those EMAS requirements that go beyond EN ISO 14001:2015.

The six columns in the maturity matrix represent six maturity levels, where each EMS element (corresponding to the clauses of EN ISO 14001:2015) can be developed incrementally, starting from maturity level 1 (column 1) and progressing through to full maturity at level 6 (column 6), which completes the matrix for a particular element in respect of the particular EN ISO 14001:2015 (level 5) and EMAS requirements (level 6).

Each cell of the matrix represents only those requirements that are needed to complete that level of maturity for this selected EMS element. For example, the cell representing maturity level 3 for the element "environmental policy" explains the requirements needed to complete level 3, provided that requirements in preceding cells at levels 1 and 2 have already been achieved.

An organization that meets the requirements at level 5 has achieved the level of maturity that satisfies the requirements for a particular EN ISO 14001:2015 element; if it also meets the requirements at level 6 it will have achieved the level of maturity which satisfies the specific EMAS requirements for that particular element.

Where it is appropriate to implement an additional EMAS requirement at a lower maturity level, this information is provided in column six of the maturity matrix.

Brief summary of EMAS requirements that go beyond EN ISO 14001:2015:

- initial environmental review;
- demonstration of legal compliance;
- commitment to continual improvement in environmental performance;
- increased emphasis on employee involvement;
- publication of an Environmental Statement.

The following EMAS registration requirements influence the scope of the EMS:

- In EMAS, a site is the smallest entity to be considered for registration.

NOTE "Site" means a distinct geographic location under the management control of an organization covering activities, products and services, including all infrastructure, equipment and materials. [SOURCE: REGULATION (EC) 1221/2009, Article 2(22)]

- Where an organization has more than one site and seeks a corporate registration, EMAS verification for each site is required.

NOTE Exceptions: see COMMISSION DECISION (EU) 2017/2285 (EMAS user's guide).

B.3 Deviating definitions in EMAS

B.3.1 "environmental performance"

Combining definitions 3.4.10 and 3.4.11 of this standard, EMAS has the following definition of environmental performance:

'Environmental performance' means the measurable results of an organization's management of its environmental aspects.

B.3.2 "direct and indirect environmental aspects"

In addition to Definition 3.2.2 of this standard, EMAS has the following definition of direct environmental aspects:

'Direct environmental aspects' are associated with activities, products and services of the organization itself over which it has direct management control.

EMAS also has the following definition of indirect environmental aspects:

'Indirect environmental aspects' can result from the interaction of an organization with third parties which can to a reasonable degree be influenced by the organization

B.4 Enhanced maturity matrix content

Table B.1 — Enhanced maturity matrix

Subclause EN ISO 14001:2015	Maturity level (→)					
	Achievement of level 5 satisfies EMAS* requirements identical to EN ISO 14001:2015					EMAS* requirements, going beyond EN ISO 14001:2015
	1	2	3	4	5	6
Context of the organization (see EN ISO 14001:2015, Clause 4)						
4.1 Understanding the organization and its context	The organization is aware of external and internal issues that are relevant to its purpose. Issues are important topics for the organization, problems for debate and discussion, or changing circumstances.	The organization is aware that the issues can affect its ability to achieve the intended outcomes of its EMS.	The issues include environmental conditions being affected by or capable of affecting the organization's external circumstances and internal conditions.	The organization has implemented a method to determine external and internal issues that are relevant to its purpose, and their influence on achieving intended outcomes. The organization determines which external issues (environmental conditions, other circumstances) could be affected by or affect the organization, and how it can be affected by internal issues (characteristics of the organization including activities, products and services).	The organization determines which of the relevant internal and external issues should be included in the EMS.	The organization has determined the organizational context as set out in EMAS Annex I, clause 1. Employees or their representatives have been involved in the process aimed at continually improve the organization's environmental performance through the initial environmental review.
	<u>Source for requirements of 4.1:</u> REGULATION (EC) 1221/2009, amended by Regulation (EU) 2017/1505, Annex II, Clause A 4.1					<u>Source for requirements of 4.1:</u> REGULATION (EU) 2017/1505, Annex I REGULATION (EU) 2017/1505, Annex II, Clause B.6 (3a)

Subclause EN ISO 14001:2015	Maturity level (→)					
	Achievement of level 5 satisfies EMAS* requirements identical to EN ISO 14001:2015					EMAS* requirements, going beyond EN ISO 14001:2015
	1	2	3	4	5	6
4.2 Understanding the needs and expectations of interested parties	The organization is aware that persons/groups (internal or external) can be interested in or affected by the activities, products or services of the organization.	The organization has determined the interested parties that are relevant to its EMS. The organization understands the needs and expectations as communicated by relevant persons/groups concerned and who can be affected by the activities, products or services of the organization.	The organization has determined which of the needs and expectations of relevant interested parties should become compliance obligations.	The organization has ensured that mandatory compliance obligations are taken into account when planning the EMS.	The mandatory and the voluntarily adopted compliance obligations are taken into account when planning the EMS.	The organization has identified the interested parties and determined their relevant needs and expectations as set out in EMAS Annex I.
	<u>Source for requirements of 4.2:</u> REGULATION (EC) 1221/2009, amended by REGULATION (EU) 2017/1505, Annex II, Clause A 4.2					<u>Source for requirements of 4.2:</u> Clause 2 of Annex I, REGULATION (EU) 2017/1505
4.3 Determining the scope of the environmental management system	The organization is aware that, when determining the scope of the EMS, it needs to consider external and internal issues, compliance obligations, organizational and physical boundaries, and the extent of the control or influence it has over its activities, products, and services.	The organization has determined the scope of its EMS. The scope can include selected parts of the organization, its activities, products and services, or its environmental aspects only.	To ensure the scope of the EMS is comprehensive, the organization has considered external and internal issues, compliance obligations, organizational and physical boundaries, and the extent of control or influence over its activities, products and services. Activities, products, services and facilities with significant environmental aspects and compliance obligations that are relevant to the sector of the organization are included in the scope.	When determining the scope of the EMS, the organization has considered a life cycle perspective.	All relevant activities, products and services of the organization are included in the scope of the EMS. The scope is maintained as documented information and is available to interested parties.	The smallest scope of the EMS corresponds to the site. NOTE: 'Site' means a distinct geographic location under the management control of an organization covering activities, products and services, including all infrastructure, equipment and materials.

Subclause EN ISO 14001:2015	Maturity level (→)					
	Achievement of level 5 satisfies EMAS* requirements identical to EN ISO 14001:2015					EMAS* requirements, going beyond EN ISO 14001:2015
	1	2	3	4	5	6
	<p>Source for requirements of 4.3: REGULATION (EC) 1221/2009, amended by REGULATION (EU) 2017/1505, Annex II, Clause A 4.3</p>					<p>Source for requirements of 4.3: REGULATION (EC) 1221/2009, Article 2(22)</p>
<p>4.4 Environmental Management System</p>	<p>The organization understands the need to have a formal EMS.</p>	<p>The organization has considered the issues and compliance obligations identified in 4.2 of this maturity matrix when establishing and implementing its EMS.</p>	<p>The organization has included the selected activities, products and services in the scope of its EMS, as determined in 4.3, level 2, of this maturity matrix.</p>	<p>The organization has included all relevant activities, products and services in the scope of its EMS, as determined in 4.3, level 3, of this maturity matrix.</p>	<p>The organization maintains and continuously improves the EMS, including the processes needed and their interactions.</p>	<p>Employees or their representatives are involved in the process of establishing and implementing an environmental management and audit system aiming at improving environmental performance.</p>
	<p>Source for requirements of 4.4: REGULATION (EC) 1221/2009, amended by Regulation (EU) 2017/1505, Annex II, Clause A 4.4</p>					<p>Source for requirements of 4.4: Clause B.6 3(b) of Annex II, REGULATION (EU) 2017/1505</p>

Subclause EN ISO 14001:2015	Maturity level (→)					
	Achievement of level 5 satisfies EMAS* requirements identical to EN ISO 14001:2015					EMAS* requirements, going beyond EN ISO 14001:2015
	1	2	3	4	5	6
Leadership (see EN ISO 14001:2015, Clause 5)						
5.1 Leadership and commitment	Top management recognizes that it has overall responsibility for the EMS.	Top management demonstrates leadership and commitment by stating that they are accountable for the effectiveness of the EMS. Top management ensures that the environmental policy and objectives are in line with the strategic direction of the organization as well as the organization's context.	Top management ensures that the EMS requirements are integrated into the organization's business processes and that the necessary resources are available. Top management communicates the importance of effective environmental management and the need for the organization to conform to the EMS requirements, including support for personnel.	Top management ensures that the EMS achieves its intended outcomes and supports other management roles related to their areas of responsibility.	Top management demonstrates leadership and commitment towards continual improvement.	
	<u>Source for requirements of 5.1:</u> REGULATION (EC) 1221/2009, amended by REGULATION (EU) 2017/1505, Annex II, Clause A 5.1					

Subclause EN ISO 14001:2015	Maturity level (→)					
	Achievement of level 5 satisfies EMAS* requirements identical to EN ISO 14001:2015					EMAS* requirements, going beyond EN ISO 14001:2015
	1	2	3	4	5	6
5.2 Environmental policy	Top management recognizes the need for the organization to have an environmental policy.	Top management has established a draft environmental policy, which, according to the scope of the EMS, is suitable for the organization. This means that the policy is relevant to the organization's purpose and context, including the type, magnitude and environmental impacts of its activities, products and services.	Top management has finalized the environmental policy and stated its commitment to implementation. The policy includes the following commitments: — to protect the environment, including the prevention of pollution and other specific commitment(s) relevant to the context of the organization; — to meet the organization's compliance obligations, — to continually improve the EMS to enhance environmental performance.	The environmental policy has been implemented and is communicated internally. The environmental policy is available to interested parties. The environmental policy is maintained as documented information.	The environmental policy is used as a framework to set environmental objectives.	The organization has committed itself to the continual improvement of its environmental performance. (Enhancement related to level 4) If an organization comprises one or more sites, each of the sites to which EMAS applies complies with all the requirements of EMAS including the continual improvement of environmental performance.
	<u>Source for requirements of 5.2:</u> REGULATION (EC) 1221/2009, amended by REGULATION (EU) 2017/1505, Annex II, Clause A 5.2					<u>Source for requirements of 5.2:</u> Clause B.1 of Annex II, REGULATION (EU) 2017/1505

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