ISO 50001:2018

Transition Policy Document

(For external use)

Policy Document for Migration to ISO 50001:2018

CERTIFICATION EUROPE™

INTRODUCTION

ISO 50001:2018 was released on 21st August 2018 and is replacing the existing Energy Management System ISO 50001:2011.

Certification Europe is accredited to certify organisations to ISO50001:2011 and intends to be in a position to offer accredited ISO50001:2018 certifications by 21st February 2019. As per the requirements of IAF Resolution 2017-14, Certification Europe will cease conducting audits including initial, surveillance and recertification to ISO 50001:2011 18 months after the release of ISO 50001:2018, i.e. 21st February 2020.

Existing clients who have ISO 50001:2011 will be required to migrate their Energy Management System within 30 months of the date of publication of ISO 50001:2018. All transition audits must therefore be completed by 21st February 2021.

The following table summarises the certification that will be offered by Certification Europe during the transition period: (*pending accreditation of CE by INAB to ISO50001:2018 by 21st February 2019*)

Dates	**Standard Offered**
Until 21st February 2019	ISO50001:2011 only
21st February 2019 to 21st February 2020	ISO50001:2011 OR ISO50001:2018
From 21st February 2020	ISO50001:2018 only

Existing ISO 50001:2011 certifications will no longer be valid after 21st of August 2021 and any ISO 50001:2011 certificates issued by Certification Europe during this period will expire on the 21st of August 2021.

Once clients successfully migrate their existing ISO 50001 system the expiry date of their ISO 50001:2018 certificate will be in-line with their current three-year certification, so no certification time will be lost.

Certification Europe has created this policy document to clarify the certification process for current and future clients.

KEY CHANGES IN ISO 50001:2018 COMPARED WITH THE 2011 EDITION

While ISO 50001:2018 is similar in parts to ISO 50001:2011 there are some changes and additional requirements that clients will have to meet before their Energy Management System can be deemed to be compliant with the ISO 50001:2018 standard.

The main changes are identified below.

GENERAL

There are five new energy specific defined: “energy performance improvement”, “static factors”, “relevant variables”, “normalization” and “energy performance indicator value (EnPI value)”.

Five terms from the 2011 edition have been discontinued - “energy services”, “correction”, “preventive action”, “record” and “procedure”

The term “Preventive action” is no longer used.

CONTEXT:

4.1 Understanding the organisation and its context - New

4.2 Understanding the needs and expectations of interested parties - New

These requirements look for a high- level understanding of issues and the needs and expectation s of interested parties that may affect or be relevant to energy performance and the EnMS. In practical terms this is a real requirement before defining and building a management system, but organisations will now be required to show evidence that this has been done.

4.3 Determining the scope of the energy management system - Change

This requirement has been changed to include the new clauses outlined above and to state that no energy source may be excluded within the scope and boundaries of the EnMS bringing the standard into alignment with ISO 50003.

4.4 Energy management system - Change

This requirement has been changed to include the requirement to continually improve the EnMS bringing the standard into alignment with ISO 50003.

LEADERSHIP

5.1 Leadership and commitment – Change

g) ensuring that the EnMS achieves its intended outcome(s); h) promoting continual improvement of energy performance and the EnMS; i) ensuring the formation of an energy management team; j) directing and supporting persons to contribute to the effectiveness of the EnMS and to energy

performance improvement; k) supporting other relevant management roles to demonstrate their leadership as it applies to their areas of responsibility; m) ensuring the integration of the EnMS requirements into the organization's business processes

5.3 Organization roles, responsibilities and authorities - Change

The requirements for top management commitment have been enhanced with additional support and involvement required. The term management representative has been removed and these responsibilities have been transferred to the Energy Team.

PLANNING

6.1 Actions to address risks and opportunities - New

These new clauses require the knowledge gained regarding the context of the organisation and the needs / expectations of interested parties to be considered when developing the management system for the organisation.

6.3 Energy review - Change

There is now a clearer structure that emphasises the requirements of what must be done for each SEU.

6.4 EnPI's - Change

There is now a specific requirement that EnPIs shall enable the organisation to demonstrate energy performance and that relevant variables that significantly affect energy performance shall be considered when establishing ENPI's.

6.5 Baseline - Change

There is an additional requirement for normalisation of the baseline (and corresponding ENPI value(s) where the organisation has data indicating relevant variables significantly affect energy performance. Information on modifications to EnB(s) is to be retained as documented information.

6.6 Planning for collection of energy data - New

A new requirement has been added related to the collection of operational criteria relevant to SEU's and applicable static factors. This replaces the energy measurement plan in the previous ISO50001 version with more detail required on the data to be collected and the method and frequency of collection. New definitions for "static factor", "relevant variable" and "normalization" have been introduced. The "relevant variable" links into the requirement for collection of data and subsequent use for normalisation under the clause for baseline and ENPI's.

RESOURCES

7.1 Resources - New

The organisation is now required to determine their resource requirements for the establishment, implementation, maintenance and continual improvement of energy performance and the EnMS.

7.2 Competence - Change

The organization needs to evaluate the effectiveness of actions taken to acquire competence.

7.4 Communication - Change

The clause regarding communications makes more specific requirements for the organisation to define its communication requirements and to ensure that this is consistent with the EnMS and the information contained in it.

OPERATION

8.1 Operational Planning and Control – Change

This clause now requires organisations to control change and review the consequences of unintended changes, to keep documentation to give confidence that processes are carried out as planned and to ensure that outsourced SEU's or processes related to its SEU's are controlled.

8.2 Design - Change

The clause now clearly states that impacts on energy performance over planned or expected operating lifetime must be considered.

PERFORMANCE EVALUATION

9.1 Monitoring, measurement, analysis and evaluation of energy performance and the EnMS – Change

New requirements have been included to determine the methods for monitoring, analysis and evaluation (as applicable) to ensure valid results and to retain documented information on the results of investigations and response to significant deviations in energy performance.

9.3 Management Review – Change

There is a restructured and more defined requirement for the inputs and outputs of management reviews, for example the inclusion of competence with opportunities for continual improvement.

TRANSITION TO ISO 50001:2018

As we would like to make the ISO 50001:2018 certification process clear and smooth for current and future clients, we have developed a simple policy involving three different scenarios which can be applied to specific situations.

1.1 SCENARIO A

For existing clients, currently certified to ISO 50001:2011, Certification Europe will continue to audit against ISO 50001:2011 as per the planned surveillance / recertification audit schedule until 21st February 2020. Reference will only be made to the ISO 50001:2011 standard when reporting audit findings. • During the surveillance / recertification audits, the assessor will agree with the client a date in the future to carry out a transition assessment of their Energy Management System against the requirements of ISO 50001:2018. The time and number of additional days required will be agreed with each client for the transition audit to take place. There shall be at least one additional audit day assigned to the surveillance / recertification transition audit to cover new and existing requirements.

All organisations will have to demonstrate that they have carried out an internal audit / gap assessment against the new requirements (and addressed any findings) prior to a transition audit. • At the end of the transition assessment, if the assessor is of the opinion that the Energy Management System is compliant with the additional requirements of the ISO 50001:2018 standard then a recommendation for transition of certification may be made, at the assessor's discretion, based upon the evidence observed during the audit. Findings from this assessment will be recorded in the surveillance / reassessment audit report and will be subject to an independent technical review prior to a final decision being made. • If the assessor is not in a position to recommend transition of certification, then a further assessment may be required depending on the nature of the issues requiring action. Any required action would be agreed between the assessor and client representative at the audit closing meeting. • If transition to ISO 50001:2018 is not approved prior to the end of the transition period, the clients Energy Management System will not be certified to either ISO 50001:2018 or ISO 50001:2011 and they will need to start the certification process again with a stage 1 & 2 assessment to have their system certified.

1.2 SCENARIO B

For organisations are developing an Energy Management System with a view to obtaining ISO 50001:2011 certification post 21st February 2019, Certification Europe recommends that you consider an assessment against the requirements of ISO 50001:2018.

1.3 SCENARIO C

Any client / organisation that is in the process of being certified to ISO 50001:2011, but who now wishes to be assessed to ISO 50001:2018, should contact Rob Lyons via e- mail at rlyons@certificationeurope.com who will be in a position to discuss client requirements on an individual basis.

• Certification Europe aims to complete transition audits to all existing ISO 50001:2011 certifications before the 21st December 2019. This should be taken into account by clients / organisations as they plan activities for the maintenance and continual improvement of their Energy Management System.

Any further enquiries should be directed to Rob Lyons via e-mail at rlyons@certificationeurope.com.