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Up-to-date information on ISO 50001 and ISO 50003

ISO 50003 was published in October 2014. This standard specifies requirements on the certification centers with reference to auditing and certification of energy management systems (EnMS) based on ISO 50001:2011. It thus replaces the previous regulations for the accreditation of certification centers, 71 SD 6 022 in this area.

TRANSITIONAL PERIOD

The IAF resolution 2014-13 set the date for changes to all accreditations as October 14, 2017. The new requirements must be fulfilled or implemented in the certification centers by this date. In the future this will apply not only to the accreditation centers but also to organizations already certified to **ISO 50001** and to those applying for certification in the future.

3 Changes

on the basis of ISO 50001 certification

Proof of corresponding auditor skills for technical areas

New calculation targets for determining the period of the audit

Ensuring an improvement of energy efficiency



TECHNICAL AREAS AND AUDITORS

So-called technical areas have been defined, into which the organizations will be assigned. The auditors must be able to demonstrate corresponding skills for the respective technical areas. Under certain circumstances, this could result in the need for some companies to change auditors.

CALCULATION TARGETS FOR THE AUDITING PERIOD

ISO 50003 contains new calculation targets for determining the period of the audit. The organizations must now specify the number of so-called EnMS effective personnel. Examples of this are senior management, the energy management officer, the energy management team as well as, in principle, every person with a significant influence on EnMS. Moreover, the organization must supply the number of significant energy users (SEUs) already for the calculation. The specifications are to be used from receipt of the accreditation certificate for all initial certifications and recertification audits. This may result in changes to the audit period compared to the previous calculation specifications.

IMPROVEMENT OF ENERGY PERFORMANCE

Another “important change” with regard to certification is that organizations must clearly present the energy performance at all initial certification and recertification processes in order to be awarded a certificate. This will be checked by the respective auditors during the audit and the result of the certification decision will be disclosed to the certification center. ISO 50003 will mean that the improvement of energy performance will come into sharper focus.

AN OVERVIEW OF OTHER RELEVANT STANDARDS.

To help you familiarize yourself with the new requirements, we recommend you also get to know these standards:

- **ISO 50004:** Guidance for the implementation, maintenance and improvement of an energy management system
- **ISO 50006:** Measuring energy performance using energy baselines (EnB) and energy performance indicators (EnPI)
- **ISO 50015:** Measurement and verification of energy performance of organizations – General principles and guidance.

OUR EXPERTS WILL BE HAPPY TO ASSIST YOU WITH ANY FURTHER QUESTIONS. PLEASE GET IN TOUCH WITH US!

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