

New accreditation standard for energy management systems (EnMS)

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Changeover of accreditation for certification of management systems according to ISO 50001:2011 to accreditation standard ISO 50003:2014

Accreditation standard ISO 50003:2014 will replace DAkkS Regulation 71 SD 6 022. This will lead to changeover of the existing TN CERT accreditation to accreditation standard ISO 50003:2014. Specific requirements are contained in ISO 50003:2014 which are additional to the requirements of ISO 17021 and which have to be taken into account.

Groups affected by the changeover to accreditation standard ISO 50003:2014

ISO 50003:2014 primarily affects EnMS certification bodies, where it will have to be implemented by 14 October 2017. However, on closer consideration it also becomes clear that companies who have already installed a certified EnMS according to ISO 50001:2011 or who wish to do so in future are also affected by the new regime.

The benefits of certification

- Maintenance or new acquisition of certification according to ISO 50001:2011 and therefore
- Reimbursement of the renewable energy surcharge from the energy and electricity tax legislation for non-SMEs (manufacturing industry)
- Tax concessions according to § 64 EEG (German Renewable Energy Act) for companies with high electricity costs
- For non-SMEs: compliance with German legislation regarding energy services and other energy efficiency measures (EDL-G) in relation to mandatory certification according to ISO 50001:2011



What will change?

The most important new aspects are:

- The requirement to demonstrate continual improvement in energy performance in a verifiable form
- A new set of rules for calculating the audit time
- Introduction of different technical areas
- The requirement that auditors must be competent in the relevant technical areas.

It is advisable for companies to start adapting their systems to the requirements and changes brought by ISO 50003:2014 in good time. The following aspects are the most important:

- Determination of appropriate/relevant energy performance indicators (EnPI)
- Ensuring that the energy baseline (EnB) is meaningful and appropriate
- Type, place and time of the measurements
- Type of documentation for measurements and their results

TÜV NORD CERT – Fact Sheet

Prerequisite for certification of an EnMS

All companies that have already implemented a certified EnMS according to ISO 50001:2011 or who wish to do so in future must be ready to fulfil the requirements of ISO 50003:2014 as from 14 October 2017.

TÜV NORD CERT GmbH will also transfer its accreditation to ISO 50003:2014 on 14 October 2017. This means that from the time of the changeover, all new certifications and recertifications will have to fulfil the requirements of ISO 50003:2014 (surveillance audits within current certifications are not affected).

Certification cycle/Audit time

The new method of calculating the audit time can lead to a change or shift in the audit times. The calculation will in future take the number of energy sources, the significant energy uses and the energy consumption into consideration. It is also based on the number of employees who have a material impact on the EnMS and/or on energy performance, and whose actions play a role in fulfilling the requirements of the EnMS (EnMs effective personnel).

The new industry-specific assessment of auditor competence through the eight technical areas can under some circumstances mean that a different auditor is used.

Our know-how for your success

TÜV NORD CERT is a well-established and reliable partner for inspection and certification services throughout the world. Our experts and auditors have extensive knowledge based on experience and are in general permanently employed by TÜV NORD. This guarantees independence and neutrality and also means that we can offer continuity in supporting our clients. The benefit to you is clear: our auditors accompany and support the development of your company and provide you with objective feedback.

Further information

We have put together 10 FAQs regarding the changeover of our accreditation to ISO 50003:2014

www.tuev-nord.com/iso-50003

If you have any further questions, please contact TÜV NORD CERT directly.

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