

Evolving the well-established

vdz

**Service
Offer
VDZ Cert**

Certification Body
for Management
Systems

High-quality services from a single source

| | |
|---|-----------|
| Certification – expert, eliable, worldwide | 5 |
| Quality management systems (ISO 9001) | 7 |
| Environmental management systems (ISO 14001) | 9 |
| Health and safety management systems (ISO 45001) | 11 |
| Energy management systems (ISO 50001) | 13 |
| Verification of CO₂ emissions reports | 15 |
| Concrete Sustainability Council (CSC) | 17 |
| Contact | 18 |

**Certification –
expert, reliable, worldwide**



VDZ Cert, the certification body of VDZ Service GmbH for the certification of management systems, is active worldwide for companies from the non-metallic minerals industry and building materials industry.

In our work, we are guided by internationally recognised standards and by European and national laws and regulations. We apply the highest of quality standards to our own performance and services. In particular, this includes aspects such as neutrality, confidentiality and disclosure which, alongside specialist qualifications, are essential for our line of work.

VDZ Service GmbH is accredited by the German accreditation body DAkkS in accordance with ISO/IEC 17021-1 and certifies management systems in accordance with ISO 9001, ISO 14001, ISO 45001 and ISO 50001 in its VDZ Cert Certification Body.

**Quality management
systems
(ISO 9001)**



Certification of quality management systems

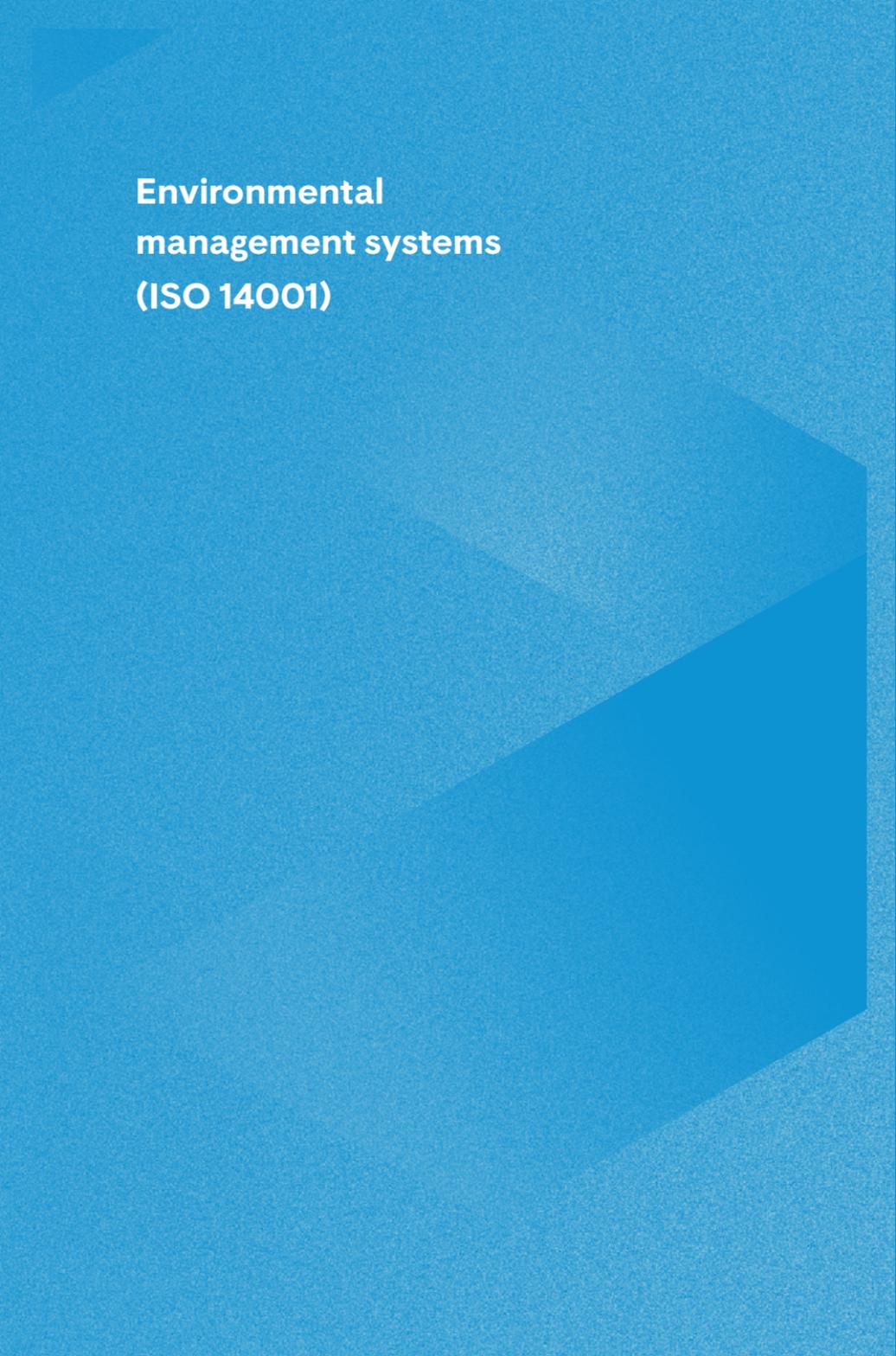
ISO 9001 specifies minimum requirements for a quality management system (QM system). This type of system can have numerous advantages for a company:

- Increase in customer satisfaction and competitiveness
- Cost reduction and increase in productivity thanks to optimised processes and the avoidance of errors
- Improvement of understanding and satisfaction among the company's own employees as a result of the transparency of processes
- Risk minimisation and legal security in the event of an accident
- Enhanced image as a result of certification of the system

VDZ Cert successfully carries out more than 15 procedures for the certification and recertification of quality management systems each year. As part of the scope of a certification of your quality management system, we offer you the following services:

- Initial certifications (stage 1 and stage 2 audits)
- Recertification and regular surveillance audits
- Matrix certification
- Application of remote technologies for efficient audit execution
- Identification of improvement potentials for a sustainable increase of the company's success

**Environmental
management systems
(ISO 14001)**

The background of the page is a solid blue color. In the upper left corner, there is a dark blue, semi-transparent geometric shape that resembles a folded corner or a stylized 'L' shape. In the lower right quadrant, there is a large, semi-transparent, 3D-style rectangular prism or box that is tilted, creating a sense of depth and perspective. The overall design is clean and modern, using various shades of blue.

Certification of environmental management systems

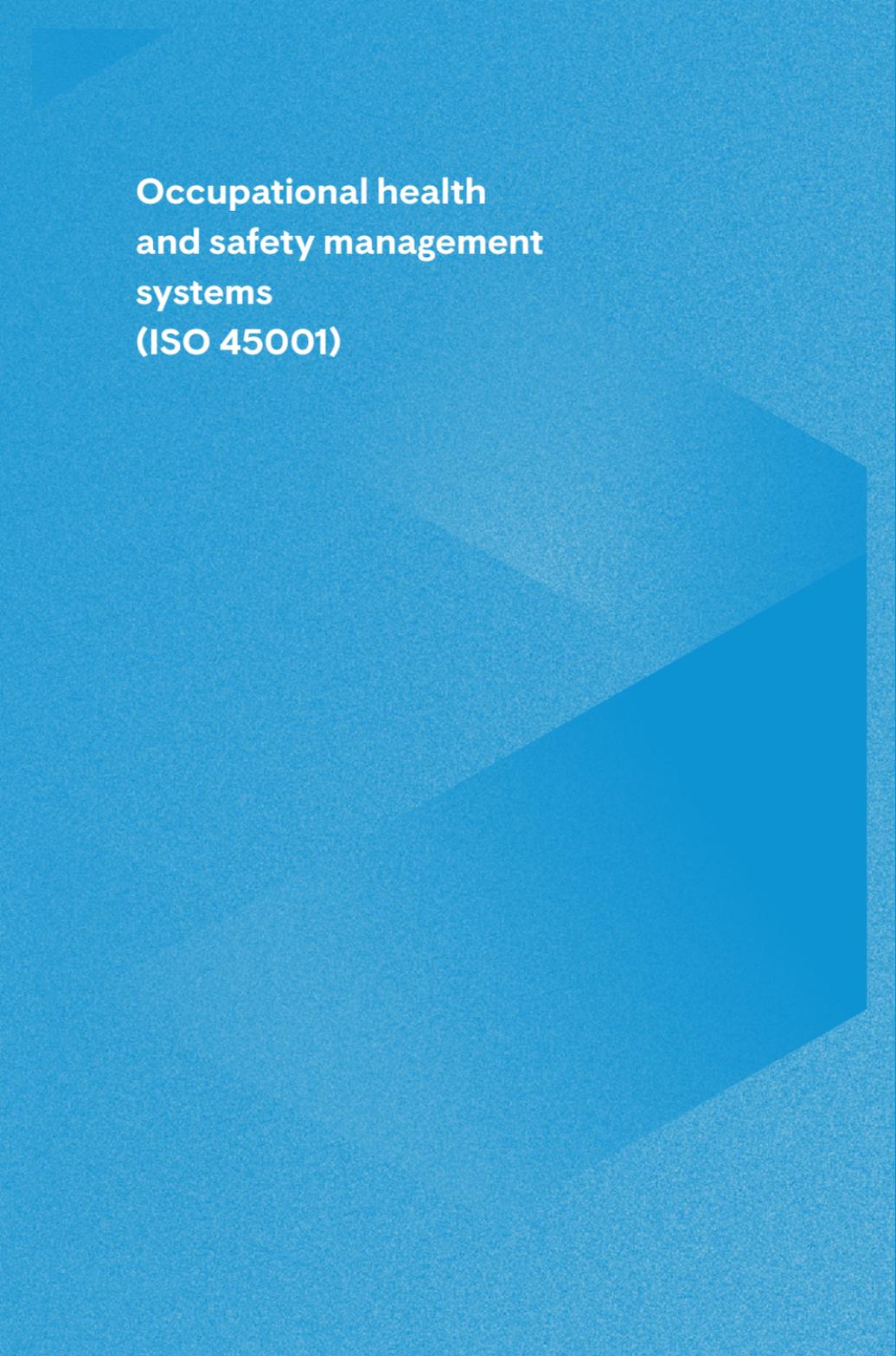
There are increasing demands on companies with regard to environmental protection, nature conservation and the economical use of scarce resources. Environmental management systems in accordance with ISO 14001 coordinate and control the environmentally relevant activities of companies by recording requirements and goals as well as the processes that are necessary to fulfil and monitor them. In this way, they support companies in reducing their environmental impacts and guarantee corporate success on a long-term basis.

The avoidance of waste and packaging materials, saving water and energy, as well as reducing the liability risk in processes that are potentially harmful to health or the environment not only generally have a positive impact on the environment, they are also beneficial for the competitiveness of businesses.

As part of the certification, we offer you the following services:

- Initial certifications (stage 1 and stage 2 audits)
- Recertification and regular surveillance audits
- Matrix certification
- Application of remote technologies for efficient audit execution
- Identification of improvement potentials for a sustainable increase of the company's success

**Occupational health
and safety management
systems
(ISO 45001)**

The background is a solid blue color. In the upper left corner, there is a dark blue triangle pointing downwards. In the lower right area, there are several overlapping, semi-transparent blue geometric shapes, including a large rectangle and a trapezoid, creating a layered, architectural effect.

Certification of health and safety management systems

Avoiding accidents not only protects the health of a company's employees. Accidents at work also usually entail considerable financial damage as well as a substantial loss of image.

Certification of a company's commitment to health and safety through the standard ISO 45001 is the correct tool to increase the safety at work at your company and gain the trust of employees and customers.

As part of the certification, we offer you the following services:

- Initial certifications (stage 1 and stage 2 audits)
- Recertification and regular surveillance audits
- Matrix certification
- Application of remote technologies for efficient audit execution
- Identification of improvement potentials for a sustainable increase of the company's success

**Energy management
systems
(ISO 50001)**



Certification of energy management systems

The cement industry, with an energy cost proportion of more than 25 per cent of its gross value added, is one of the most energy-intensive industries. With an energy management system in accordance with ISO 50001, companies and organisations have a tool at their disposal to continually improve their energy efficiency. The resulting cost savings help to maintain their competitiveness. In this context, an energy management system systematically takes into account all energy flows (source, use, consumer) within the company and evaluates the energy efficiency status. This information provides a basis for implementing technical measures to improve energy efficiency as well as strategic and organisational management approaches.

VDZ Cert successfully carries out more than 35 procedures for the certification and recertification of energy management systems each year. As part of the certification, we offer you the following services:

- Initial certifications (stage 1 and stage 2 audits)
- Recertification and regular surveillance audits
- Matrix certification
- Application of remote technologies for efficient audit execution
- Identification of improvement potentials for a sustainable increase of the company's success

Verification of CO₂ emissions reports



Verification of CO₂ emissions reports

The European Union launched the EU Emissions Trading System (EU ETS) in 2005 as the cornerstone of its strategy for cutting emissions of CO₂ and other greenhouse gases. Companies have to surrender allowances for every ton of CO₂ covered by the EU ETS that they emitted in the previous year.

As a neutral and accredited inspection body, VDZ Cert verifies more than 50 CO₂ emissions reports each year in accordance with the applicable European and national laws and ordinances for submission to the respective supervisory authorities.

Our qualified experts are officially recognised environmental verifiers and are approved as experts by the German Chamber of Commerce and Industry. Customers from the various segments of the non-metallic minerals industry – particularly cement, lime and gypsum – and the corresponding related industrial sectors benefit from our expert in-depth knowledge of the industry and outstanding specialist competence.

For our customers who do not take advantage of our expert services in connection with verification or drafting of emissions reports, we also offer consultation services on European greenhouse gas emissions trading. We can also support companies outside of the EU in the evaluation of their emissions in accordance with internationally recognised standards.

VDZ Service GmbH is accredited by DAkkS in accordance with ISO 14065 and examines greenhouse gas emissions reports and tonne-kilometre reports in accordance with the EU regulation 600/2012 in its VDZ Cert Verification Body.

- Verification of greenhouse gas emission reports
- Plant inspections
- Identification of improvement potentials for CO₂ management
- Verification „Carbon Footprint of Products“

Concrete Sustainability Council (CSC)



Certification by the Concrete Sustainability Council (CSC)

At the end of 2016, the Concrete Sustainability Council (CSC) introduced a worldwide certification system that is intended to provide information about the extent to which companies in the areas of concrete, cement and aggregates operate in an ecologically, socially and economically responsible manner. The system includes raw materials, their source or origin, manufacturing, and various economic, social and ecological impacts.

The aims of a CSC certification are:

- Optimization of the sustainable performance of concrete
- Improvement of transparency for corporate activity in the concrete sector
- Recognition within the framework of sustainability efforts in certification systems
- Recognition within the framework of government policy for “green” purchasing
- Demonstration of continuous improvement to the public
- Improvement of the business scenario for sustainably produced concrete

VDZ Cert acts as a certification body for the CSC and carried out the first CSC certification process at the end of 2017.

We would be happy to carry out the following services for you:

- Checking of verification for the sustainability criteria in the CSC Toolbox
- Implementation of on-site assessments
- Calculation of the achieved score
- Issuing of certificate in the bronze, silver, gold or platinum category



Contact



Head of Certification Body

kevin.mock@vdz-online.de

T +49 (0)211 45 78 221

F +49 (0)211 45 78 302

Imprint

Publisher:

VDZ Service GmbH
P.O. Box 30 10 63, 40410 Duesseldorf,
Germany
Toulouser Allee 71, 40476 Duesseldorf,
Germany
T +49 (0)211 45 78 0
F +49 (0)211 45 78 296
vdz@vdz-online.de
www.vdz-online.de

Design:

arndtttheunissen GmbH, Duesseldorf

Layout:

Verlag Bau+Technik GmbH, Erkrath

Print:

SGV Reprstudio GmbH, Hilden

Photo credits:

Julia Vogel

Duesseldorf, August 2020

VDZ Service GmbH

Toulouser Allee 71
40476 Duesseldorf, Germany

www.vdz-online.de