

Power Generation and Distribution Construction and Procurement



Building a safety culture

Once you are past the planning stage of your project and begin the process of construction and procurement, it is vital to build up and establish a culture of safety that ensures the sustainability of future operations. Our experts can work with you at all stages to establish procedures and conduct testing of plant and equipment to guarantee long-term viability and safety.

The Future of Energy – supporting you in transitioning to renewable energy sources

As the global power generation industry continues to move away from using fossil fuels and in view of the shift of nuclear power generation to non-OECD-countries, our extensive range of services can help you transition to a sustainable long-term business model based on renewable power generation, including adaption of transmission and distribution infrastructure.

Chemical Safety Advisory

Maintaining compliance with testing and reporting obligations, product labeling and documentation requirements as well as legislative regulations such as REACH can be an overwhelming task for manufacturers and importers. Our chemical safety advisory team specializes in supporting companies seeking to comply with the hazardous substances regulatory framework with testing, classification, management services and more.

Environmental Measurements

DEKRA offers a wide range of services for ensuring the protection of the environment. Our measurement of e.g. air, soil and water pollution, and levels of noise helps our customers to efficiently manage any risks related to the environment.

Expediting, Shop and Vendor Equipment Inspections (Electrical, Pressure Vessels, Machinery)

Acquiring new equipment and machinery can be time-consuming, costly and risky. We carry out inspection and expediting services at your supplier's premises, verifying the quality of manufactured products or equipment and time of delivery.

Fire Protection Management and Advisory

Our fire protection experts help you understand and address fire risk in your organization. Sharing our expertise in fire protection, we partner with clients to answer questions on fire safety management, provide customized solutions, and offer on-site support through recognized advisors.

Mandatory and Non-Mandatory Inspections during Construction

DEKRA experts ensure that the equipment and processes are fully compliant with all necessary standards and legal requirements. Our services help you remedy occupational health and safety (OHS) issues, mitigate brand impacts and ensure workers' safety.

Project Monitoring

We offer project monitoring at both the investment planning and investment implementation stages. By monitoring your project, DEKRA helps you manage time, costs and quality in order to finalize the project as planned.

Safety Advisory, Services and Coordination

We provide coordination and safety services at construction sites as well as during shutdowns and turnarounds to ensure

safe and healthy work environments. Protect your employees from accidents and other hazards in the workplace and minimize the overall effort for your occupational safety measures through expert advice, risk assessments, training, on-site support or project safety coordination by recognized advisors.

Second-Party Inspection during Manufacturing and Supplying

We offer expert inspection services according to regulatory or customer-specific standards. This supports you in ensuring quality, optimizing costs and increasing your flexibility.

Sustainability Advisory and Services

Focusing on sustainable practices, we evaluate policies and processes and provide solutions that improve sustainability of clients' processes, products and services while maintaining efficiency and productivity.



Asset Inspections and Maintenance – working with you to minimize downtime and maximize productivity

Benefit from our experience in process optimization and achieve leaner, more productive operations. By developing strategies to minimize downtime, we can help give your business the agility and robustness needed to ensure lasting success.

Certification of Assets and Equipment (Pressure Equipment, Machinery, Buildings)

Pressurized systems such as filling systems for technical gases, hot water systems and steam boilers represent a great potential hazard. Our welding experts help you to fulfil the requirements of standards, directives, national legislations or your specific customer specifications.

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Health and Medical Advisory, Services and Examinations

In order to ensure a healthy workforce and leadership, we assess physical, ergonomic and psychological risks and offer practical solutions. Our practices enhance employee well-being and create a safe, human-centered workplace where motivation thrives and the needs of the human workers are respected.

Lift Inspector Training

To ensure that the elevators always function safely, companies and elevator providers appoint specialists whose task it is to ensure the lifts remain safe and functional. Lift inspector training gives these individuals the technical know-how to carry out this work.

Mandatory and Non-Mandatory Inspections during Construction

DEKRA experts ensure that your equipment fully complies with all necessary standards and legal requirements. Our services help you remedy occupational health and safety (OHS) issues, mitigate brand impacts and ensure workers' safety.



Non-Destructive and Destructive Testing (NDT/aNDT/Mechanized Inspection)

DEKRA is a leading global provider of non-destructive and destructive testing (NDT/DT) across many industries. NDT is a descriptive term used for the examination of materials and components in such a way that allows materials to be examined without changing or destroying them. Standard and advanced NDT as well as mechanized inspection solutions are used to locate surface and subsurface flaws and defects and determine their size. During the construction phase, this technique allows quality checks on sensitive components. In the field of production quality management it can also be necessary to confirm the characteristics of the components (mechanical, metallographic, chemical, etc.), in which case you can benefit from DEKRA's DT facilities. In case you are using welding operations in the construction and procurement phase we are also able to support you in qualifying the procedures and operators.

Organizational Safety and Reliability

Using trusted metrics to assess an organization's safety culture and uncover hidden risks, we strive to transform the workplace culture, ensuring reliability and strengthening performance. Our diagnostic, coaching and training approach is designed to create a culture of care at every level of your organization.

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Second-Party Inspection during Manufacturing and Supplying

We offer expert inspection services also according customer-specific standards. This supports you in optimizing costs and increases flexibility.

Digital Processes – from testing to cyber security, DEKRA is at your side in developing robust Industry 4.0 operations

The only way to effectively meet the challenges of digitization is to stay ahead of them. From IT consulting and data protection to cyber security and innovative digitized solutions for operational processes, DEKRA can support you in becoming fit for the future.

Cyber Security and Data Protection

With the continual rise in cybercrime and data security breaches, IT security has become a key challenge for all technology users today. From network security to penetration testing and risk assessment, our 360° services are based on a comprehensive analysis of your IT processes. Working from that basis, we can help design and implement security systems, provide an information security officer, or use behavioral technology to optimize your organization's cyber security.

Digital Health, Safety and Environmental (HSE) Solutions

How we seek and use information about safety is critical to our ability to achieve results in safety. DEKRA delivers innovative IT-solutions and platforms which enable organizations to manage, control and understand their data and uncover relevant trends and gain insights in order to identify areas of improvement and risk minimization. Our data collection and analytics solutions pair the experience and knowledge of our research professionals with proven tools and methodologies.

Functional Safety Consulting

Most industrial processes today rely on a framework of Safety Instrumented Systems (SIS) to prevent hazardous scenarios for people, the environment and facilities. Using different methodologies to identify the hazards, we determine the Safety Integrity Levels for your Safety Instrumented Systems and perform SIL verification as part of the SIS design.

Information Security Awareness Training

This face-to-face information security awareness training is intended to sensitize your employees and enable them to precisely identify and prevent cyber and social engineering attacks. The aim of this course is to inform employees of current threats, show how you are equipped to protect your assets, and teach staff how to react in actual risk situations.

Remote and/or Online Monitoring and Digital Optimization Service

We offer services for remote and online monitoring to complement inspection services. Your main advantage will be the ability to get information about trends and foresee the potential issues, helping you prevent downtimes, increase efficiency and save costs. In addition, DEKRA uses state-of-the-art data management and analysis solutions to optimize workflows and processes.

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On the safe side.

