

Ensuring safety –
innovative solutions
perfect for my needs
Oil and Gas



On the safe side.



Oil & Gas



DEKRA – excellence and expertise for your safety needs and requirements

The need for safety is a fundamental requirement of life. From our homes to our workplaces, the products and services we use, and how we produce, manufacture and distribute them. Safety underpins everything we do. With almost 100 years of experience, knowledge and innovation behind us, DEKRA ensures safety and peace of mind for businesses, organizations and individuals worldwide. Today, we support the safety needs and requirements of virtually every sector and industry, providing 100% reliability, anywhere around the globe.

Safety is our DNA

Since the first day of our foundation in Berlin in 1925, safety has been deeply anchored in DEKRA's DNA. Safety was the reason our company was founded and it is the reason why we continue to grow. Starting life in the field of automotive safety, we have continued our expansion into every possible area of safety testing, certification and consulting. From automotive OEMs and suppliers to power generation and distribution, industrial goods or the oil and gas industry, we enable thousands of customers in all the world's leading industries to achieve safe, sustainable and profitable operations.

Your global partner

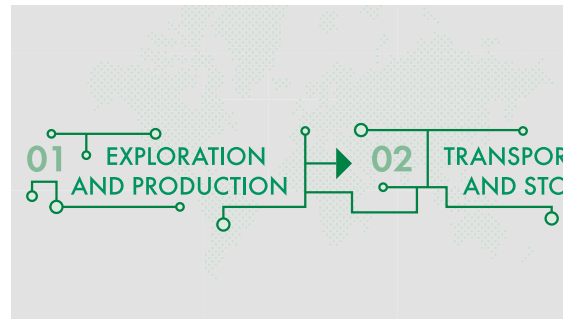
Wherever you need our services, we can deliver. DEKRA's network of in-house experts, subsidiaries and representatives today extends across more than 60 countries and five continents. Whichever sector or industry you work in, our teams and consultants are on hand to help you meet your safety and certification objectives. As one of the world's leading expert organizations and a globally active partner, you can call on our expertise at any time, anywhere around the globe.

A safer future

As the world continues to change and evolve at incredible pace, new safety challenges are constantly arising seemingly at every turn. Being able to respond successfully to this changing landscape requires a great deal of knowledge, experience and versatility. With our future-oriented services, that is precisely what DEKRA offers you.

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Partnering along the value chain

With our extensive range of testing, validation, consultancy and training services, we support operators in the Oil & Gas industry along the entire value chain. From plant safety and operational optimization to non-destructive testing or securing IT systems and hazardous areas, we are at your side - worldwide.

The oil and gas industry today is facing unprecedented challenges. Prices are fluctuating wildly against a background of oversupply, sharp changes in demand and new modes of production such as fracking. At the same time, exploring new potential fields has become more expensive and plagued by political instability in the resource-rich regions of the world.

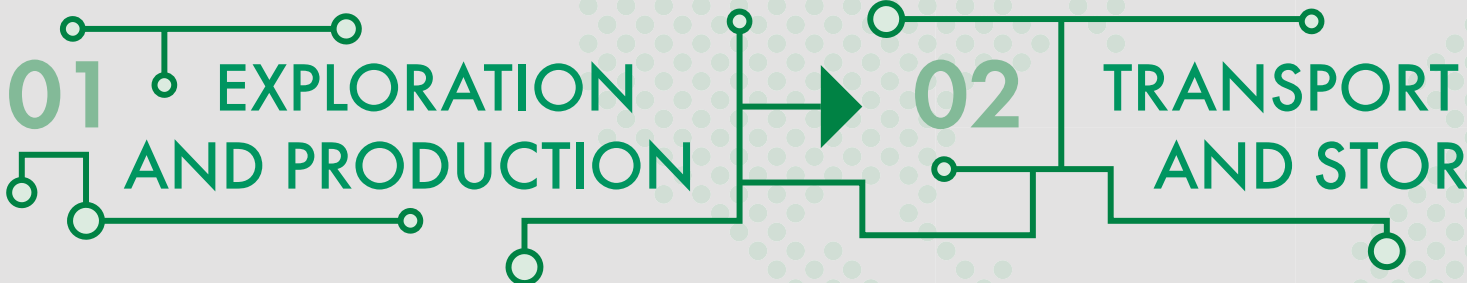
Added to that is governmental and societal pressure to reduce CO2 emissions and increase the use of renewable energy sources.

On a purely operational level, production planning is becoming more unpredictable and the maintenance of assets more expensive. On top of this, digital transformation is creating new business models and rendering traditional methods and processes obsolete.

Against that background, infrastructure sabotage is causing costly shutdowns and industrial espionage and data theft are a threat to the very survival of companies.

This means a new focus on IT security as well as carrying out maintenance and repair shutdowns in refineries in a much safer way, including using ATEX-classified inspection equipment in hazardous areas. Finally, as an inherently risky and sometimes dangerous business, it is essential to have robust HSE processes in place to protect the health and safety of the people who work in the industry.

With our global network of service centers and technical personnel, DEKRA is ideally positioned to support you in all areas of inspections and operational safety – even at short notice.



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REFINING,
PURIFYING & DISTRIBUTION



Securing industrial assets to avoid failure and accidents

There are three main issues facing the industry in this area: cost reduction, performance improvement and the need to reduce environmental impact. To remain competitive, it is essential to minimize your costs without compromising the safety of your people and processes. At the same time, you need to keep your existing assets running profitably while searching for new sources. And while all that is going on, you need to ensure that you comply with increasingly tough environmental regulations.

Worldwide support, wherever you operate

With our deep understanding of the issues facing the oil and gas industry and how to address them, DEKRA offers you a comprehensive range of services designed to support your operations at every point. We are especially strong in strategic consulting, process management, certifications and inspections, and training.

Our experts are available to support you worldwide, wherever you operate. We are also able to customize our services to meet your precise needs. DEKRA's auditing services ensure safety and conformity for everything from your plant and equipment to occupational health and safety and environmental compliance.

“I’m impressed by the depth and breadth of knowledge and expertise that DEKRA brings to the job, especially in such mission-critical areas as HSE and cyber security.”

The complexity of the oil and gas industry today is placing new demands on processes and people. DEKRA’s expertise ensures safety, secures compliance and unlocks value.





DEKRA Services for ...

Securing Industrial Assets – protecting resources and property

- > Advanced Non-Destructive Testing (NDT/Mechanized Inspection)
- > Cyber Security and Data Protection
- > Destructive Testing
- > Environmental Advisory and Services
- > Examination of Experts for IT and Cyber Security
- > Examination of Experts for Occupational Health and Safety
- > Explosion Safety
- > Fire Protection Management and Advisory
- > Health, Safety and Environment (HSE) Management System
- > Information Security Management System (ISMS)
- > Mandatory and Voluntary Inspection for Lift, Machinery and Cranes
- > Mandatory and Voluntary Inspection for Pressure Equipment
- > Mandatory and Voluntary Inspections of Electrical Installations
- > Process Safety Competence Development
- > Process Safety Consulting and Testing
- > Safety Advisory, Services and Coordination
- > Second-Party Audits
- > Testing and Certification for Equipment
- > Welding Services

Flexible Processes – ensuring adaptability and optimal performance

- > Advanced Non-Destructive Testing (NDT/Mechanized Inspection)
- > Chemical Safety Advisory
- > Destructive Testing
- > Digital Health, Safety and Environment (HSE) Solutions
- > Examination of Experts for Energy and Environment
- > Examination of Experts for Occupational Health and Safety
- > Explosion Safety
- > Health, Safety and Environment (HSE) Management System
- > Health, Safety and Environment (HSE) Strategy and Management
- > Mandatory and Voluntary Inspection for Lift, Machinery and Cranes
- > Mandatory and Voluntary Inspection for Pressure Equipment
- > Mandatory and Voluntary Inspections of Electrical Installations
- > Organizational Diagnostic, Assessment and Development
- > Process Safety Consulting and Testing
- > Process Safety Competence Development
- > Quality Management System
- > Second-Party Audits
- > Welding Services



Skilled and Safe Personnel – establishing a qualified workforce

- > Ambient Measurements
- > Examination of Experts for Energy and Environment
- > Examination of Experts for IT and Data Protection
- > Examination of Experts for Occupational Health and Safety
- > Examination of Experts for Quality Management
- > First Aid Training
- > Health and Medical Advisory, Services and Examinations
- > Human Performance Reliability and Mental Health
- > Information Security Awareness Training
- > Leadership Diagnostic, Assessment and Development
- > Occupational Health and Safety Training
- > Process Safety Competence Development
- > Safety Advisory, Services and Coordination
- > Workforce Diagnostic, Assessment and Development

Digital Transformation – cost-effective strategies for added value

- > Chief Information Security Officer (CISO) Training
- > Data Protection Consulting
- > Digital Health, Safety and Environment (HSE) Solutions
- > Information Security Management System Consulting
- > Information Security Risk Assessment and Management
- > Process Safety and Functional Safety Consulting
- > Remote and/or online Monitoring and Digital Optimization Services

Complementary Services – ensuring comprehensive support

- > Business Continuity Management System
- > Business Resilience Impact Assessment (BRIA)
- > Expediting, Shop and Vendor Inspection of the Supply Chain
- > Supply Chain Audits
- > Sustainability Advisory and Services



Increasing the flexibility and efficiency of processes

Ensuring the reliability and safety of transportation and storage operations is a key priority across the industry. As the marketplace continues to evolve at a rapid pace, you need to keep your logistics, storage systems and infrastructures up to date and working at maximum efficiency. This places both technical and personnel demands on your processes.

The big issue about this aspect of your operations is that it routinely involves multiple stakeholders, both within and outside your organization. Keeping track of complex and often dangerous operations requires robust management processes and highly trained staff. Among the needs we can help you meet are inspections, compliance, vehicle conformity and staff training.

Putting people first

Naturally, safety is also top of the list of priorities, and this is where our long track record in testing and safety processes comes into its own. Finally, our comprehensive understanding of this challenging industry gives us the sense of perspective to provide consultancy services covering a wide range of issues.

“DEKRA brought a huge amount of process knowledge to the table. As well as their expertise, we especially value their ability to see things strategically.”

The complexity of transportation and storage processes means that it is essential to take a strategic view and look at medium and long-term viability. DEKRA can provide you with valuable insights and support.





DEKRA Services for ...

Securing Industrial Assets – safety in proven strength

- > Advanced Non-Destructive Testing (NDT/Mechanized Inspection)
- > Destructive and Metallographic Testing for Failure Analysis
- > Environmental Advisory and Services
- > Examination of Experts for IT and Data Protection
- > Examination of Experts for Occupational Health and Safety
- > Explosion Safety
- > Fire Protection Management and Advisory
- > Health, Safety and Environment (HSE) Management System
- > Information Security Management System (ISMS)
- > Mandatory and Voluntary Inspections for Pressure Equipment
- > Mandatory and Voluntary Inspections of Electrical Installations
- > Process Safety Competence Development
- > Process Safety Consulting and Testing
- > Safety Advisory, Services and Coordination
- > Second-Party Audits
- > Welding Services

Flexible Processes – promoting adaptable solutions

- > Advanced Non-Destructive Testing (NDT/Mechanized Inspection)
- > Chemical Safety Advisory
- > Digital Health, Safety and Environment (HSE) Solutions
- > Examination of Experts for Occupational Health and Safety
- > Examination of Experts for Quality, Energy and Environment
- > Expediting, Shop and Vendor Equipment Inspections (Electrical, Pressure Vessels, Machinery)
- > Explosion Safety
- > Health, Safety and Environment (HSE) Management System
- > Health, Safety and Environment (HSE) Strategy and Management
- > Mandatory and Voluntary Inspections for Pressure Equipment
- > Mandatory and Voluntary Inspections of Electrical Installations
- > Organizational Diagnostic, Assessment and Development
- > Process Safety Consulting and Testing
- > Professional Driver Training
- > Quality Management System
- > Second-Party Audits
- > Warehouse Logistics Training



Skilled and Safe Personnel – credentials for excellence

- > Ambient Measurements
- > Examination of Experts for IT and Data Protection
- > Examination of Experts for Occupational Health and Safety
- > Examination of Experts for Quality, Energy and Environment
- > Health and Medical Advisory, Services and Examinations
- > Human Performance Reliability and Mental Health
- > Leadership Diagnostic, Assessment and Development
- > Load Security Training
- > Process Safety Competence Development
- > Safety Advisory, Services and Coordination
- > Transportation of Dangerous Goods Training
- > Workforce Diagnostic, Assessment and Development

Digital Transformation – streamlining security and efficiency

- > Data Protection Consulting
- > Digital Health, Safety and Environment (HSE) Solutions
- > High-voltage Systems Training in Motor Vehicles for Professional Drivers
- > Information Security Awareness Training

- > Information Security Management System Consulting
- > Information Security Risk Assessment and Management
- > Process Safety and Functional Safety Consulting
- > Remote and/or online Monitoring and Digital Optimization Services

Complementary Services – ensuring a holistic approach

- > Business Continuity Management System
- > Business Resilience Impact Assessment (BRIA)
- > Expediting, Shop and Vendor Inspection of the Supply Chain
- > Mandatory and Voluntary Construction Control Services
- > Supply Chain Audits
- > Sustainability Advisory and Services



Ensuring safety based on people

Getting from crude oil to the products people eventually buy and use is an intensely complicated and people-oriented business. As well as the risks involved at every stage, you need to deal with enormous numbers of regulations and guidelines. Added to that is the very real safety risks for people and the asset itself.

The well-to-consumer value chain is characterized by three interrelated processes, each of which has its own special challenges and demands. From upstream extraction to midstream refining and distribution through to downstream retail sales, every element needs to work smoothly together to ensure maximum productivity and long-term profitability.

The support you need, anywhere in the world

DEKRA can work with you at every stage in areas as diverse as equipment testing and inspections to HSE consultancy and personnel development, including such specialist areas as psychological and cognitive consultancy. With our global network of highly trained experts, we can provide the services you need wherever in the world you need them – even in remote locations of inhospitable environments.

“Despite the technology and complexity, oil and gas is essentially a people business. We value DEKRA’s input and support at that level, especially in training.”

As the range of responsibilities and specialist skills increases, it is essential to keep your people up to date and continually learning. A highly trained workforce is the best way to defend and build your competitiveness.





DEKRA Services for ...

Securing Industrial Assets – safety in compliance and stability

- > Advanced Non-Destructive Testing (NDT/Mechanized Inspection)
- > Environmental Advisory and Services
- > Equipment Engineering and Operation Training
- > Explosion Safety
- > Fire Protection Management and Advisory
- > Mandatory and Voluntary Inspections for Pressure Equipment
- > Process Safety Competence Development
- > Process Safety Consulting and Testing
- > Safety Advisory, Services and Coordination
- > Welding Services

Flexible Processes – dedicated adaptability

- > Advanced Non-Destructive Testing (NDT/Mechanized Inspection)
- > Chemical Safety Advisory
- > Digital Health, Safety and Environment (HSE) Solutions
- > Explosion Safety

- > Health, Safety and Environment (HSE) Strategy and Management
- > Mandatory and Voluntary Inspections for Pressure Equipment
- > Mandatory and Voluntary Inspections of Electrical Installations
- > Organizational Diagnostic, Assessment and Development
- > Process Safety Consulting and Testing
- > Professional Driver Training

Skilled and Safe Personnel – qualified credentials

- > Ambient Measurements
- > Examination of Experts for Quality, Energy and Environment
- > Examination of Experts for Occupational Health and Safety
- > Health and Medical Advisory, Services and Examinations
- > Health, Safety and Environment (HSE) Management System
- > Human Performance Reliability and Mental Health
- > Information Security Officer Training
- > Leadership Diagnostic, Assessment and Development
- > Occupational Health and Safety Training
- > Process Safety Competence Development
- > Safety Advisory, Services and Coordination
- > Workforce Diagnostic, Assessment and Development



Digital Transformation – electronic security and safety

- > Chief Information Security Officer (CISO) Training
- > Data Protection Consulting
- > Digital Health, Safety and Environment (HSE) Solutions
- > Information Security Management System Consulting
- > Information Security Risk Assessment and Management
- > Process Safety and Functional Safety Consulting
- > Remote and/or online Monitoring and Digital Optimization Services

Complementary Services – services for holistic support

- > Business Continuity Management System
- > Business Resilience Impact Assessment (BRIA)
- > Expediting, Shop and Vendor Equipment Inspections (Electrical, Pressure Vessels, Machinery)
- > Supply Chain Audits
- > Sustainability Advisory and Services

“DEKRA’s global network ensures that I can access the testing and safety services I need, wherever I need them.”

**In over 60 countries,
on 5 continents**

Whenever and wherever questions of safety arise, we are one of the first points of contact for solving them. With subsidiaries and representatives around the globe, we provide a direct local presence.

Almost 44,000 employees

Whenever our expertise and safety services are needed, we are there – with nearly 44,000 highly qualified employees, we take care of your safety needs and requirements around the world.

**Independent, neutral and
reliable**

DEKRA is the world’s largest independent expert organization in the TIC industry. Our expertise and safety services meet the highest quality standards.



Due to impartiality and independence requirements of regulatory authorities, services may have to be performed by different, mutually independently operating DEKRA units to ensure impartiality.

Global partner for a safe world





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