
Electrical Services

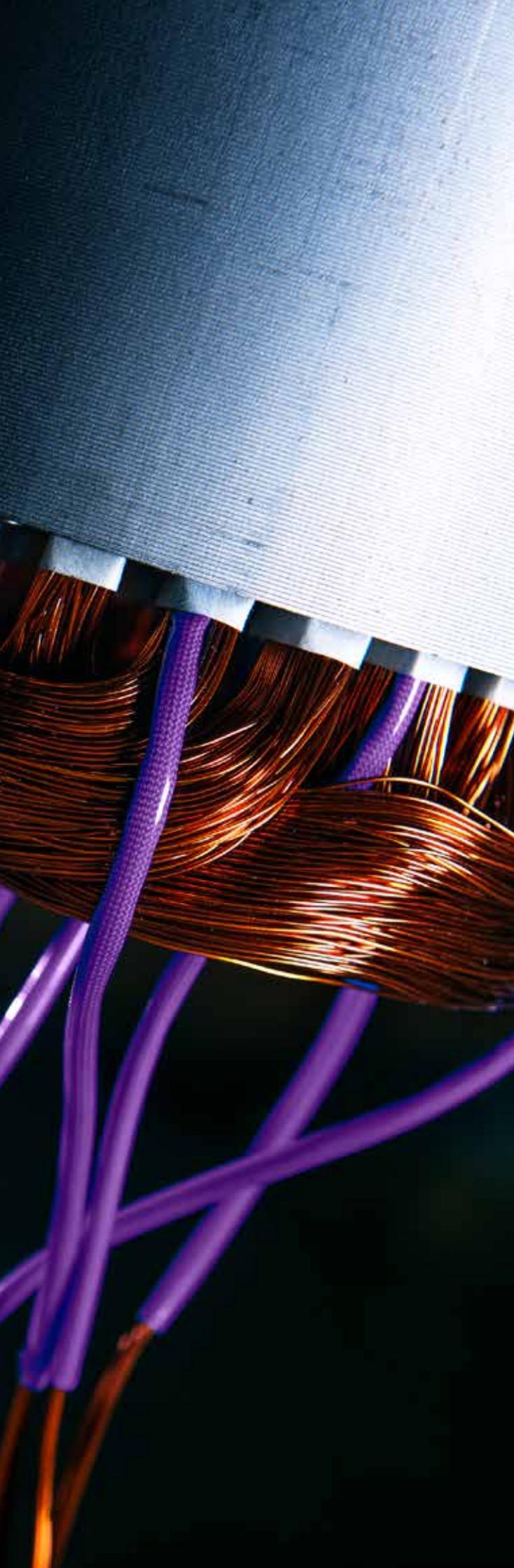
Subsea and Topside



A close-up photograph of an industrial motor's core. The image shows the intricate copper windings of the stator, which are tightly packed and glowing with a warm, golden light. Several thick, purple-insulated cables are bundled together and extend downwards from the core. The background is dark and out of focus, with a soft blue light source creating a gradient across the scene. The overall aesthetic is technical and industrial.

The Core

The Core, with all its windings. The essence of what we do. The design has essentially remained much the same since we founded our business a century ago. The possibilities, on the other hand, have become prodigious. The electrification of machinery and tools has proceeded apace. For both land-based industry and the offshore oil and gas industry, everyday life has become both easier and safer, not to mention more environmentally friendly too.



We are the leading total service provider within subsea motor technology and electrical services

Today, IKM Elektro is the leading company within subsea motor technology and electrical topside applications, services and personnel within automation, electrical engineering and instrumentation. More than anything, we are a solutions-oriented organisation. Being involved in the development of a company based on the firm foundations of craftsmanship and tradition through to what it has become today, has been a quite unique journey, yet the team of 90 people who collectively make up IKM Elektro know that the journey has only just begun. We are proud to have 100 years' experience behind us. It is the foundation on which we are building, and what our customers can now draw great benefit from.

A part of the IKM Group

IKM Elektro is part of the IKM group – a multidiscipline sub supplier focusing primarily on the oil and gas industry. The IKM Group conducts business within the following five areas: Electrical/Instrument/Process, Subsea/Completion/Commissioning, Engineering/Operations, Fabrication/Inspection and Rig / Downhole services.

Focus on Growth is always the goal, and IKM's ambition is that even the most demanding customer shall choose IKM as their preferred business partner. All IKM companies are ISO-certified, and through internal revisions, audits, and continuous monitoring, IKM Corporate Group ensures that it meets and exceeds the needs of its customers and employees with respect to quality, health, safety and the environment.

Our Values

- Responsible
- Bold
- Clear
- Focused



“Expertise is people”

IKM Elektro is an expertise company. Expertise is people. We have the most responsible people. Our culture is founded on courage and creative freedom, made up of employees who are ahead of the curve and with ambitions to continually improve.

Øystein Stjern
Managing Director - IKM Elektro AS



Having a culture of high performance builds professional pride, teamwork and trust

We are a highly regarded and well-respected a company. Being a company like that is not a given. It is the people who make us what we are. It is a question of attitudes, the ability and the desire to do our very best. Where ever we work and regardless of the project, we have the fundamental attitudes and the same strong preference for quality. Our own professional pride, if you like. It's what drives us.

Our professionalism is strong. It is our dedicated people we are talking about, people who live and breathe their work. People who are used to analysing, taking challenges a step further and thinking. The internal training programme is ongoing, in line with technological developments. Because it is important for each and every one of us, because it is absolutely vital that our company stays in the forefront.

Go Electric

Closer, deeper and even more enthusiastic

In our world, the phrase "Go Electric" is an expression which indicates that we go further and deeper into the material than others, always seeking electrical solutions. We enjoy being invited to participate as a partner and are challenged to come up with new solutions. You can expect, demand and be confident that the job we do will be thorough in every respect. Every time. In this also lies the responsibility to safeguard human life and health. In every work process, we have a strong focus on HSE and show consideration for each other and the environment we are part of.

The most reliable subsea motors in the market for the last two decades

Our electric subsea motors and actuators are renowned for their stability and reliability. This is due to the fact that they are tailor-made for the purpose, down to the tiniest detail. We also have engineers who are familiar with the conditions under which the motors must operate and stress. The calculations are comprehensive and guide the design and construction of each individual motor. Custom-built throughout, stable and reliable throughout. All our motors are tested at our own test centre, where we have the capacity to run up to 600 kW 50/60 Hz and voltages up to 4000 V. Today, IKM Elektro motors are the industry leaders.

Properties

- Possibility for integrated supervisor system for maximum protection against downtime
- Tailor made
- High voltage & low voltage

Our Subsea applications

- ROV thrusters
- Subsea Electric HPUs
- Subsea Pumps
- Subsea Actuators
- Subsea integrated systems



When you really know your field and have a burning enthusiasm for it, few things can measure up to the satisfaction of creating something from scratch. We produce electric motors, for all kinds of purposes. From the ground up.





Courage
to create

Integration is about getting everything to work together. We know all about that



As the innovative company we are, we do not simply reflect the age we live in. We also want to help shape the future. Norwegian oil and gas production offshore already stands at a crossroads, with a discernible-trend towards the use of more compact, and remotely controlled installations. We are already involved in this development.

“Next generation subsea technology. More electric than ever before.”

The development of the next generation of subsea technology. The most innovative work that is taking place in our industry at the present time. We like that. Electrification at virtually every level. More environmentally friendly, more rational, more cost-effective and even safer. That is the goal. Within our own discipline, we are talking about integrated solutions. We are talking about getting everything to work together as a system. Subsea motors, Actuators, pumps, power supply, topside applications and control systems. IKM Elektro has the experience, the expertise and the systems needed to overcome challenges. Let it also be known that we take responsibility for the entire solution, even after it has been fully installed and put into production. That makes us complete.

Vidar Løtveit
Development Manager - IKM Elektro AS





Fully equipped topside applications

Topside applications can be designed in many different ways. It depends entirely on the scope of equipment. In many cases, there may be compelling grounds for choosing an integrated container solution. Our workshop is NEMKO certified. All of our solutions can be designed for use in hazardous areas.



Our Topside applications

- PDUs
- Grounding cabinets
- InvertEx
- Transformers
- Pump units
- Control cabins



Our service organisation gives you confidence that the systems will always work as they should

Our service workshop possesses cutting-edge industry and technological expertise to provide you with the assistance you need, covering everything from condition checks to the overhaul and winding of electric motors. To mention just a few things. All work is documented in accordance with current authority requirements and our customers' specifications.

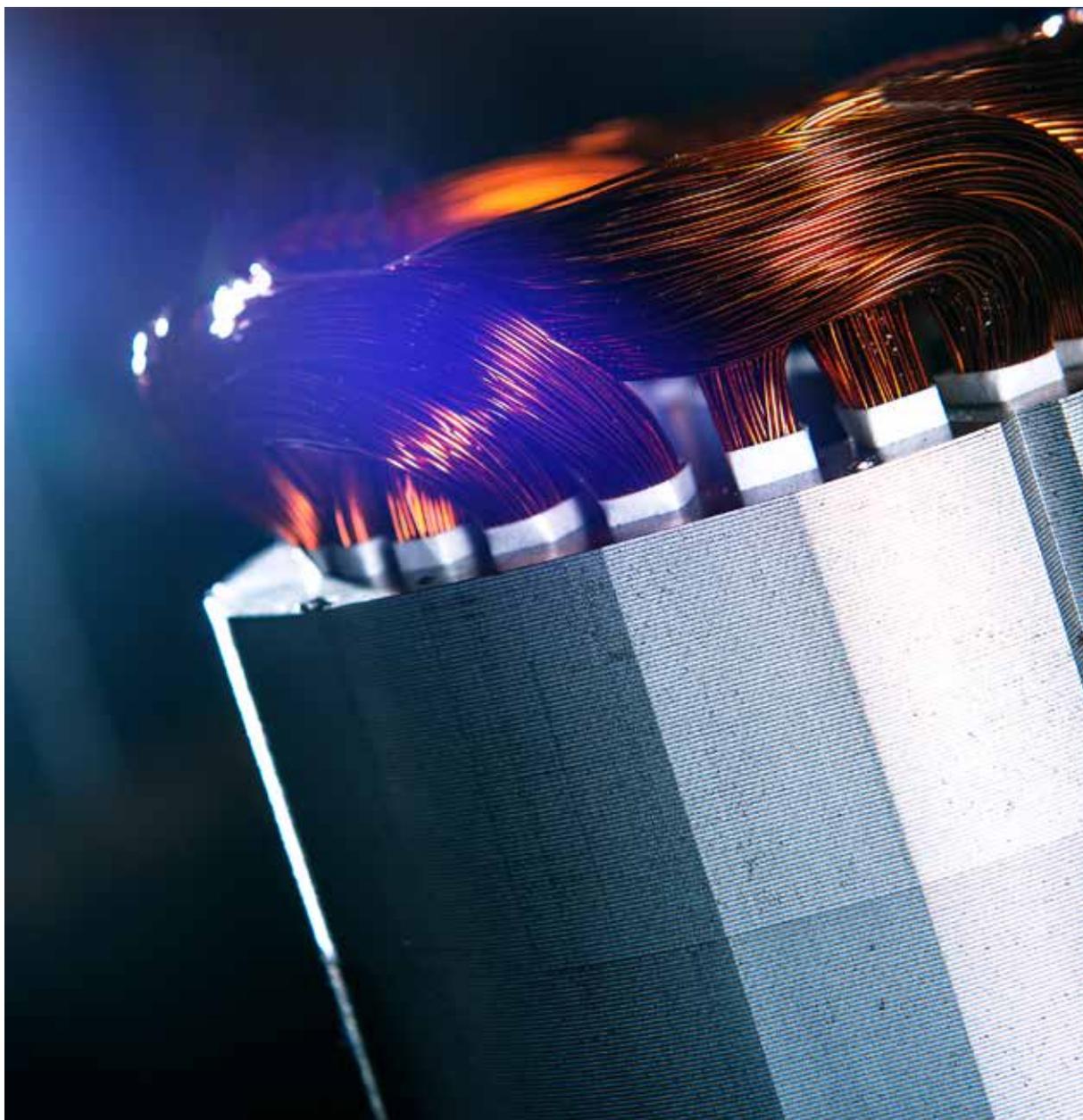


The workshop is of course NEMKO-authorized. Ex certification is performed by IKM Elektro AS. Condition testing and Condition Monitoring is offered in collaboration with IKM Instrutek AS a turnkey concept for rotating equipment.

Service

- Winding
- Overhauling Motors
- Balancing
- Electromechanical repairs
- Condition Monitoring (online /offline)
- Termograph solutions
- Vibration analysis
- Laser corrections

Expertise



We train and educate the specialists ourselves. That's why we trustfully can send them worldwide

We train our own employees. This is a deliberate strategy. It enables us to develop unique specialist expertise among our service staff. We are investing in youth too. Exciting apprenticeships are a direct consequence of this. Responsibility is at the heart of the organisation. The service team works on single electrical installations or on small and large projects alike, worldwide. On rigs and ships in Russia to land-based projects in Korea. Our service department is of course available 24/7 wherever you may need us.

Service

- Personnel (Service Engineers)
- Personnel (Automatician, Electrician, Instrument)
- Commissioning and Decommissioning Projects
- Onshore/Offshore Service Assignments





Flexibility



Our focus is growth!

IKM Elektro AS

Skvadronveien 24

4050 Sola, Norway

T: +47 51 81 17 30

F: +47 51 81 17 31

E: IKMelektro@IKM.no

www.IKM.com/ikm-elektro

