

# HIGH LEVEL OF COMPETENCE

Established in 1962, Haakon Ellingsen AS is considered one of the market leaders within our fields to Norwegian Oil & Gas, Process and Marine industry.

Haakon Ellingsen AS supplies a wide range of top quality products consisting of valves, actuators, filtration and instrumentation, as well as complete deliveries within hydraulic and pneumatic systems. We also provide installation and maintenance services for all of our products.

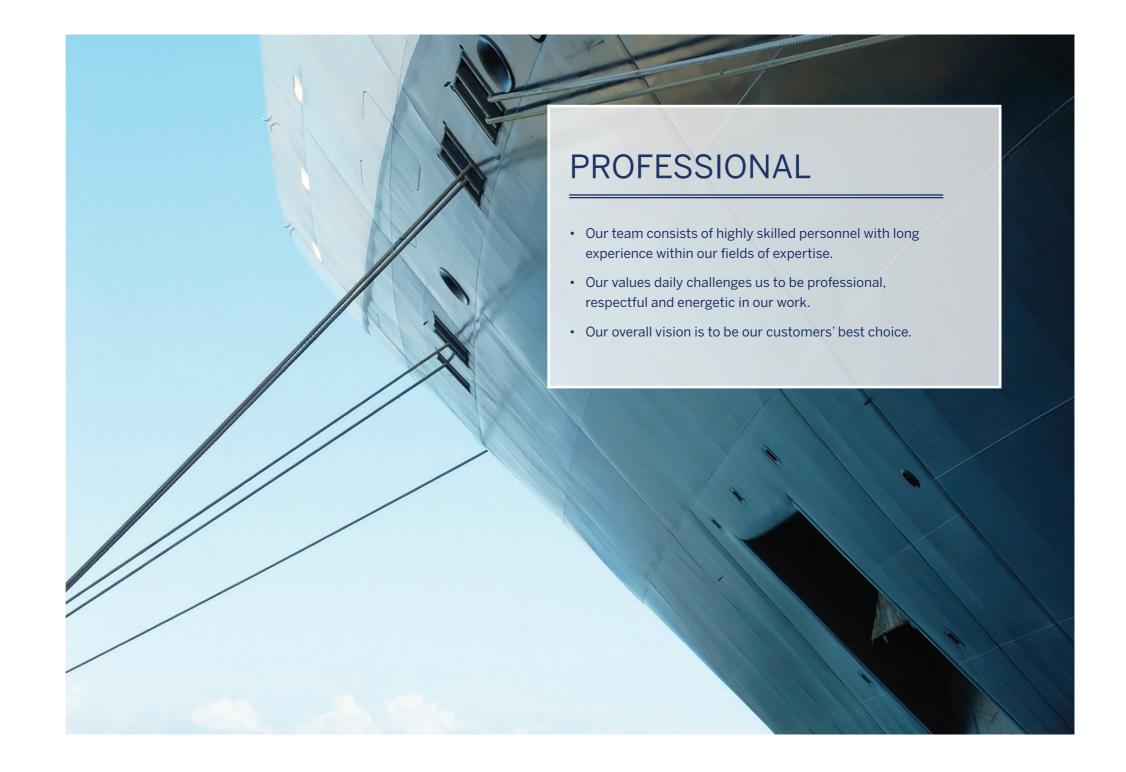
Haakon Ellingsen AS holds an advanced product range, consisting of handpicked products from well renowned suppliers. In addition, we have our own proprietary products and engineered systems for process applications.

Customers depend on us to fulfill their needs because we are solution-oriented, service-minded and have a high level of competence within our fields of expertise.

## WE ARE AVAILABLE FOR YOU

Located in Oslo, Bergen and Stavanger, we are close to the market for new projects as well as maintenance and modification needs.

Our locations have workshop facilities, wich enables us to be flexible towards our customer's needs.



### WE ARE SOLUTION-ORIENTED, SERVICE-MINDED AND HAVE A HIGH LEVEL OF COMPETENCE

### **CERTIFICATIONS**

- Haakon Ellingsen AS is certified according to ISO 9001 and ISO 14001.
- Haakon Ellingsen AS is appointed Designated Repair Centre in Norway for multiple actuation and valve manufacturers.



OUR KNOWLEDGE AND EXPERIENCE SECURES UPTIME AND PREDICTABLE RUNNING CONDITIONS.

# SOLUTIONS FOR VALVE AUTOMATION

Haakon Ellingsen AS has a long history of supplying valve automated solutions to offshore, onshore and marine industry.

Our scope of supply ranges from single actuators, control panels and limit switch boxes to complete valve assemblies. We size and customize solutions according to the highest specifications to meet both economic and technical requirements.

We focus on light and compact solutions, saving space, weight and money. With in-house facilities and competence to test and document complete actuated valve assemblies, we offer local fast track deliveries whenever needed.

We are proud to be the acknowledged valve automation specialist in Norway, supplying high quality products combined with field service experience.

#### **ACTUATION**

Haakon Ellingsen AS offer a wide range of electrical, pneumatic and hydraulic actuators.

The actuator range covers from small rack & pinion models to larger scotch yoke models, to electrical multi-turn and quarter-turn actuators. Depending on application and operating condition, we size and select the suitable actuator according to the highest specifications and needs.

#### **CONTROL PANELS**

We combine quality products with decades of experience to design, engineer and provide the most beneficial solutions for valve automation.

Depending on application and specification, we deliver control panels directly mounted onto the actuator or as a standalone unit. For bigger projects, we have the capability to engineer larger cabinets controlling valve clusters, like wellhead control panels and distribution panels.

Together with our customers, we are proud to have established a new standard in the industry for local compact control panels.

### COMPLETE RANGE OF VALVES FOR ALL APPLICATIONS

Haakon Ellingsen AS combine quality products with decades of experience to design, engineer and provide the most beneficial solutions.

We supply quality valves from single units to complete valve packages, to the most demanding offshore, marine and industrial applications. We have extensive knowledge within NORSOK requirements and harsh conditions.

We have in-house knowledge covering valves for all type of applications. Our valve-team will advise and select the correct valves, giving valuable engineering support to our clients.

Our project team will take full responsibility for procurement, expediting, compliance with specifications, and finally documentation of the delivery.

We hold a broad range of process valves from top selected European brands, enabling us to find the right solution for our customers needs.

Long-term partnerships with direct access to manufacturers key personnel is beneficial for flexibility to meet requirements and effective deliveries.

Lead times on valves do often generate major challenges within the oil and gas industry. Haakon Ellingsen AS has established a broad platform of acknowledged manufacturers, with ability to perform quick deliveries without compromising technical requirements.



# HIGH QUALITY PRODUCTS PROVIDES THE MOST BENEFICIAL SOLUTIONS



# FILTRATION & SEPARATION

Haakon Ellingsen AS has expanded the product range to include advanced solutions for filtration and separation.

This applies to the oil and gas market as well as general industry, the marine sector and the rapidly evolving renewable energy market.

Today, filters are utilized in a vast range of applications and industries. For a long time Haakon Ellingsen AS have supplied filters as part of control systems, both hydraulic and pneumatic.

In some cases, filter components have also been provided as standalone products. Given this background, it's a natural progression to expand our product range as we gain more experience and expertise in filtration through new hires.

With our newly acquired competence and extensive experience in component assembly, we are now equipped to assist with process design and the selection of the correct filter solution.

We can support every phase, from front-end engineering design (FEED) to the final product delivery.

For systems with sensitive equipment or processes where the final product's quality depends entirely on the process, filtration is essential. Maintaining system cleanliness is critical to ensuring reliability and keeping maintenance costs low.

Based on experience and specified knowledge, we guide customers in selecting the best solution.

# IMPROVE THE PRODUCTIVITY AND EFFICIENCY OF A PROCESS



PREVENTIVE MAINTENANCE ENSURES UPTIME AND EFFICIENT OPERATIONS

## TOTAL SERVICE PROVIDER

Haakon Ellingsen AS provides high quality service to meet stringent and demanding applications.

Through more than 60 years of field experience, we understand the total life cycle cost, from engineering advice at feed stage to installation, commissioning, trouble shooting and predictive maintenance.

Investigations show that a majority of failures in the process industry is caused by poor technical design, wrong operation and technical condition of equipment. Inspection and service of installed equipment can reduce failure rate by 25 %.

Haakon Ellingsen AS offers a total service concept from our highly experienced service engineers, covering customized service as well as standard overhaul.

#### **ACTUATION & CONTROLS**

We size, service and overhaul all types of actuators and control panels. We assemble, adjust and test travel-time, travel-range and connect all position indicators. We upgrade control circuits to all feedback requirements and closed exhaust loop configurations.

#### **VALVES**

We offer specialist service from our highly experienced service engineers covering customized service concepts as well as standard overhaul within all type of valves. Service can be done in-house at our workshop, or at site on global locations with use of portable test/service container.

#### **VAC - VALVE AUTOMATION CENTRE**

We hold two fixed and two portable test-benches for valves and offer certified completion of valve automation. We manufacture necessary couplings and do assembly and testing of complete unit – Valve and Actuator – in all configurations required.

#### **FILTRATION**

To ensure accurate filtration performance, it is essential to regularly service both the filter and the filter housing. We offer inspections of the filter housing, as well as replacement or repair of the filter itself. We can provide guidance in selecting the correct and optimal filter upgrades for your existing applications.

### **ELLINGSEN**

#### **ELLINGSEN GROUP**

Ellingsen Group consists of the following companies; Haakon Ellingsen AS and Ellingsen Indutech AS.

Ellingsen Group supply products for valves, actuation, instrumentation and filtration to oil & gas, marine and land based industrial market. We combine quality products with decades of experience to design, engineer and provide the most beneficial solutions.

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### OUR OVERALL VISION: TO BE OUR CUSTOMERS BEST CHOICE