

# INSTALLATION & COMMISSIONING

**Taking on the challenges -  
Succeeding together**



Keep going. Keep safe.

# EUREKA



## General:

EUREKA Pumps AS has extensive experience as a manufacturer, systems integrator and supplier of pumps, pump systems and generator set.

We utilize our overall expertise and competent staff to ensure a safe and controlled start-up of the equipment for our clients.

## Planning:

To assure that correct guidelines and start-up procedures are followed and verified, Eureka's Commissioning team will assist our clients to develop a detailed start-up plan including checkout procedures.

## Scope of work:

- Receiving Inspection
- Preservation on site:
  - during storage
  - after installation
  - before topside transport
- Installation supervision
- Commissioning Preparation and Mechanical Completion.
- Commissioning and start-up
- Support and assistance after start-up
- Training Courses

## Receiving Inspection

When the shipment has reached site, the goods will be received by EUREKA personnel together with client representatives.

Activities includes:

- Breaking of seals
- Damage inspection
- Counting

Properly received goods will be signed off.

Any discrepancies or damage revealed will be recorded in a punch/deviation list and signed off by client.

## Preservation on site during storage:

A preservation plan for each equipment type and a turning schedule for rotating equipment is made to ensure complete control during storage before installation.

To maintain the equipment warranty EUREKA personnel or EUREKA approved personnel have to carry out preservation and equipment turning according to plan and sign off these activities.

The equipment will be tagged with a badge showing time and name each time.

## Preservation after installation:

Continued preservation and turning is required to ensure equipment availability and condition if it is an extended period before start of Commissioning Preparation and Commissioning.

Individual measures will be taken based on the type of equipment, environment and length of period.





# RELIABILITY THROUGH EXPERIENCE



## **Preservation before topside transport:**

Further preservation might be required and can be done by EUREKA personnel on request.

## **Installation:**

Proper installation is important to ensure high equipment availability during operation.

By utilizing EUREKA qualified staff for supervision of the installation you are ensured that the equipment is correctly installed according to our specifications.

If problems occurs the EUREKA supervisor will take lead and assist in rectifying any problem.

He will be the liaison between site and the EUREKA offices to ensure a quick and accurate response when needed.

Without an EUREKA approved supervisor at site following our guidelines and procedures, the warranty will be limited.

## **Commissioning Preparation and Mechanical Completion:**

It is absolutely imperative that a EUREKA commissioning team and a supervisor is on site during this phase.

All equipment in the EUREKA systems will undergo preparations for commissioning. This will be documented in a commissioning Preparation Check Record.

After preparation the equipment will be marked to indicate the status.

A "Ready For Commissioning Certificate" will be issued to verify that the system is ready for commissioning and energizing.

## **Support and assistance after start-up**

After successful start-up EUREKA personnell can be available for extended support on site for an agreed period of time.

## **Training:**

EUREKA delivers project specific training courses for operators and onshore staff.

### **Operator Courses**

- MTU Diesel
- Generator
- EUREKA Pumps
- Hayward Tyler submerged El. motor
- Control panels

### **Mechanical maintenance**

- MTU diesel
- EUREKA Pumps

### **Electrical Maintenance**

- Control panels, functionality and alarm



EUREKA PUMPS AS is a Norwegian pump supplier with more than 40 years of experience in the oil & gas and marine industry, offering a range of pumps and generator sets that covers a majority of applications. EUREKA PUMPS also offers services for upgrading, modification, equipment testing, installation and commissioning.

EUREKA PUMPS is a market leader among companies operating on the Norwegian Continental shelf, and it is also present in International markets with selected applications, based on own technology. EUREKA PUMPS main office is in Oslo (Lysaker), Norway, and has advanced service facilities along the Norwegian coast. EUREKA PUMPS also has branch offices in Houston, St. Johns, Busan and Kuala Lumpur.

EUREKA PUMPS is one of five companies in the ALIGN group, a leading supplier of production equipment and safety critical products and solutions. ALIGN offers services ensuring continuous production, a perspective that safeguards optimal operations and lower life-cycle costs. The ALIGN group is owned by Converto Capital and HitecVision.

