

## **Course 2 – Advanced**

**CETOP Level 2 Advanced Hydraulics – Course 2 (BIKS is CETOP 2 Certified)**

**Theory and practice – 4 days**

### **Course description**

Hydraulics Course 2 is a continuation of Hydraulics Course 1. After completing the course, participants will have a better understanding of more complex hydraulic schematics, more comprehensive system knowledge, and an introduction to more integrated and composite components.

The course is aimed at personnel who require a deeper understanding of hydraulics and documented competence.

The course is conducted over four days and includes theoretical instruction in the classroom and practical exercises in our hydraulics laboratory.

Upon completion, you should be able to meet the requirements for hydraulics competence for personnel working with hydraulic equipment in accordance with **NORSOK R-003N and R-005N**.

BIKS is CETOP 2 certified by the Hydraulics and Pneumatics Association of Norway (HPF).

### **NORWEGIAN LABOUR INSPECTION AUTHORITY (ARBEIDSTILSYNET)**

Regulations on organization, management and employee participation No. 1355 – Regulation No. 701

Chapter 8: Training requirements § 8-1

Regulations on the performance of work No. 1357 – Regulation No. 703: § 10-1 & § 10-2  
§ 10-1 Requirement for documented safety training for work equipment requiring special caution in use

When the employer, based on a risk assessment, determines that work equipment requires special caution in use, it may only be used by employees who have documented safety training in accordance with § 10-2.

§ 10-2 Requirement for documented safety training when using work equipment

### **LEVEL: Level 2 – CETOP 2**

Personnel must be able to inspect and perform maintenance on hydraulic equipment. You should be able to carry out preventive maintenance and possess the competence to assist others with corrective maintenance, as well as perform work on hydraulic systems that is not necessarily planned.

### **Course content**

Ability to read and understand hydraulic schematics

Ability to identify faults and replace components

Ability to perform direct and indirect condition monitoring using measuring equipment

Knowledge of guidelines for oil sampling

Ability to perform troubleshooting

Ability to carry out corrective maintenance, such as sealing leaks and replacing like-for-like components

Understanding of cleanliness – filtration and oils

What is required to prevent downtime and operational problems

Assignments and practical exercises on hydraulic equipment

### **Documentation**

**A CETOP Level 2 course certificate** is issued upon successful completion of the course (*Hydraulics Course 2*).