

Course 3

CETOP Level 2 Hydraulics – Troubleshooting and Operation (*BIKS is CETOP Level 2 Certified*)

Theory and practice – 4 days

Course description

Hydraulics Course 3 is a continuation of Hydraulics Course 2. The course aims to strengthen participants' ability to perform logical troubleshooting through theoretical knowledge and practical exercises on hydraulic equipment.

The course also provides participants with an introduction to preventive measures to reduce maintenance costs and unplanned operational downtime. Special emphasis is placed on practical exercises and group work.

Participants should have a minimum level of knowledge equivalent to Hydraulics Course 2, as well as practical experience with hydraulic equipment.

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 Level 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 (Course 3)

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

System understanding and troubleshooting of various hydraulic systems

Analysis of oil samples with regard to cleanliness and water content

Use of measuring instruments for flow rate and pressure fluctuations

Assignments and practical exercises on hydraulic equipment

Documentation

A **CETOP Level 2 certificate** is issued upon successful completion of **Hydraulics Course 3**.