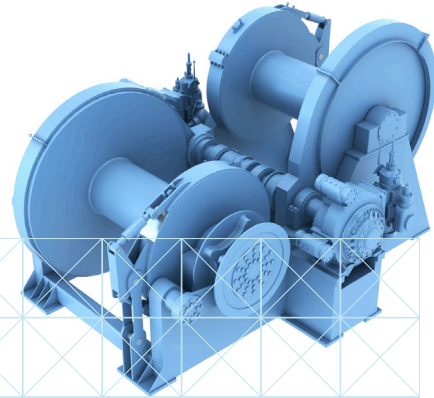


TOWCON RT-AHT WINCH

TECHNICAL TRAINING



KONGSBERG



COURSE DESCRIPTION

LEARNING OBJECTIVES

After completing the course, the participants should be able to identify and define the design and functionality of the winch and towing control system (Towcon RT) in order to avoid incidents, accidents and damage of the equipment.

Training complies with GOMO - Guidelines for Offshore Marine Operations as from November 2013, Chapter 5.4.5.3 – Vessel Winch Operators and is covering winch knowledge, safety systems, functions and limitations.

The participants will be introduced to the winch system and the winch control system.

TARGET GROUP

Technical personnel, Chief/Electrician.

ENTRY REQUIREMENTS

Some winch experience is recommended.

CONTENT

System description
Technical description of the winch system including information of the winch system, piping diagram Towcon RT, pump units, servo units, hydraulic motor and valve arrangement.

System operation

Covering the function of the system, remote control of winches and components.

The control and monitoring system Towcon RT will be available for the participants for minor adjusting and trimming of the system as well as for basic trouble shooting.

Essential winch components will be available for service training.

Practical training exercises on how to handle the Towcon RT system:

- Fault finding signal
- Signals and functions
- Change of circuit board and adjustments
- Brake-coupling-speed-tension and spooling functioning
- Static and dynamic load sensing
- Length sensing
- Emergency release functions

Practical training exercises on winch shaft arrangement:

- New emergency coupling
- Torsion shaft arrangement
- Full scale drum coupling arrangement and band brake
- Servo unit
- Motor / valve arrangement

Maintenance

- Daily, weekly and monthly on board maintenance.

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NO. OF PARTICIPANTS

Maximum 4

LANGUAGE

English if not otherwise agreed.

CERTIFICATE

A certificate of attendance will be issued on successful completion of the course.

LOCATIONS

- Training Centre, Aalesund, Norway
- Training Centre, Niterói, Brazil.

BOOKING & INFORMATION

www.km.kongsberg.com/training

TERMS & CONDITIONS

All training to be provided by KONGSBERG is subject to customer's acceptance of the KONGSBERG Terms & Conditions for Training.