



# Capstan and Winch Operation

## At a glance...

### Customised Provision

Delivery Method: Classroom and practical

### Introduction

This course is mainly aimed at the aquaculture industry where capstan operation is used daily. The course is designed for anyone who uses a capstan winch on a sea going vessel, barge, fixed or floating.

### Overview in brief

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### The finer details

- Health and safety PUWER and LOLER
- Components used in lifting operations
- Attachments and accessories
- Safe working load
- Risk management
- The operating area
- The lifting plan
- Signalling
- Pre-use checks
- Operating in the work area
- Electricity
- Permit to work
- Lifting accessories

### Who should attend?

The course is mainly aimed at the aquaculture industry or anyone working in the marine environment where a capstan or winch is used regularly on a vessel, barge or floating or fixed structure.



## What will be covered?

When you have completed this training, you will:



- Know a range of tasks for which the Capstan/Winch is capable
- Understand the legislation and safety requirements necessary for the use of the Capstan
- Understand the purpose of the components, their functions and controls
- Explain the safe working load, its attachments and the ancillary equipment used
- Demonstrate correct work planning for winching operations including ability to recognise conditions that limit the procedure and use of assistant
- Carry out routine pre-use inspection of the capstan or winch including the rope accessories and equipment
- Carry out routine operator maintenance procedures for the equipment to prescribed standards
- Demonstrate effective operation of the Capstan or Winch
- Set the Capstan / Winch in a safe mode
- Select correct personnel and where they should be standing
- Operate Capstan or Winch within safe working parameters and to a prescribed standard
- Secure the load for work purposes
- Inspect the equipment after use and prepare transport or storage.

## Other areas of interest

[Overhead Electric Crane](#)

