



(South West) Limited

Training UK Industry

Course Objectives for N014 Marine Knuckle Boom Crane

It is envisaged that at the end of the training the learner will be able to answer questions on and perform the following:

- Have a basic understanding of offshore crane lifting operations, the dangers of working in the industry and their responsibilities as an operator
- Have a working knowledge of the manufacturer handbook for the particular machine being used
- Be able to interpret the requirements of the lift plan and risk assessment
- Be able to locate and identify major components of the machine and explain their function
- Be able to identify and locate key controls and explain their function
- Set up exclusion zone explaining actions required for emergency actions and identify any hazards
- Identify and maintain PPE appropriate for Knuckle Boom Crane use
- Conduct all pre-operational and running checks in accordance to the manufacturer and legislative requirements
- Identify and inspect suitability of landing area
- Prepare the knuckle boom crane for lifting duties as well as over side lifts. Operate machinery safely and efficiently taking into consideration sea uplifts and moving vessel decks
- Environmental considerations
- Carry out all end of work and shut down procedures

