



COURSE OVERVIEW

OFFSHORE CRANE OPERATOR STAGE 1 – BS7121 PART 11

This course is designed to give participants an understanding and knowledge in the fundamentals of crane operations in accordance with British Standards BS7171 Part 11 Offshore cranes. Delegates who work with offshore cranes are required to complete this introduction into load slinging, rigging and crane operations in preparation for advancement to Offshore Crane Operator Stage 2 training.

The course includes both theory and practical components, with participants undertaking practical exercises including operation of offshore crane simulations and inspection of lifting gear to ensure familiarity with procedures, equipment and crane safety systems.



PERFORMANCE CRITERIA

- Plan work
- Interpretation of crane capacity charts and manuals
- Use of an offshore crane simulator
- Perform pre-operational and shutdown procedures
- Provide comprehensive understanding of a crane operator's responsibilities under prevailing legislation.

INFORMATION

TARGET AUDIENCE

There are no prerequisites for this course

DURATION

3 DAYS

COST

POA

NUMBER OF PARTICIPANTS

Maximum 8



COURSE CONTENT:

- Introduction to UK Health and safety at work legislation in accordance with LOLER Regulations 1998, PUWER Regulations 1998 and BS7121 Part 11 Standards
- Understand Crane and rigging terminology
- Understand fundamentals and principles of crane operations and stability
- Familiarisation of safety devices and Safe Work Loads
- Undertake rigging and load weight calculations
- Introduction to Wire Rope inspection and construction
- Inspection and safe use of slings and rigging equipment
- Understand criteria for pre-operational checks and shutdown procedures
- Understand safe load safe load transfer/movement principles
- Interpret crane capacity load charts and operating manuals
- Understand fundamentals of dynamic and wind loading for lifting operations
- Understand communication requirements associated with lifting operations offshore
- Use communication skills to communicate with other offshore vessels
- Demonstrate knowledge for theoretical assessments and practical exercises using an offshore crane simulator.



CERTIFICATION

Upon satisfactory course completion, participants will be issued an Offshore Crane Operator Stage 1 certification. Stage 1 certification is required to undertake Offshore Crane Operator Stage 2 training.

