



COURSE OVERVIEW

OFFSHORE CRANE OPERATOR STAGE 3 – BS7121 PART 11

The Stage 3 Offshore Crane Operator certification is internationally recognised for offshore crane operators. This course provides participants the knowledge and practical skills to perform static, dynamic and blind lifts in an offshore environment.

Participants will demonstrate routine pre-operational inspections and maintenance, operate an offshore crane unsupervised and complete a variety of lifting activities (including vessel to vessel transfers) and follow safe lifting procedures. Assessment is conducted using an offshore-rated crane on-site.



PERFORMANCE CRITERIA

- Provide comprehensive understanding of a crane operator's responsibilities
- Input data, use of Load Indicator Functions and interpretation of crane capacity charts and manuals
- Perform crane pre-operational inspection, maintenance and shutdown procedures
- Demonstrate safe control of the crane during lifting operations
- Demonstrate safe operation of the crane in accordance with procedures
- Safely conduct a series of dynamic lifts and blind lifts
- Conduct vessel to vessel transfer of loads and use of personnel transfer equipment

INFORMATION

TARGET AUDIENCE

Stage 2 Offshore Crane Operator and logged evidence of offshore crane operations

DURATION

4 DAYS

COST

POA

NUMBER OF PARTICIPANTS

Maximum 6



PERFORMANCE CRITERIA

- Conduct effective radio communications with all workers in accordance with procedures
- Demonstrate appropriate response to emergency situations in accordance with procedures
- Understand forces and loads, including listing, dynamic forces, sea states and wind loading.



COURSE CONTENT:

- Verify problems and equipment faults and demonstrate appropriate response procedures
- Apply appropriate mathematical procedures for estimation and measurement of load mass
- Locate and apply relevant documentation, risk assessment and hazard control strategies
- Establish and maintain communications with all personnel, vessels and rigging crews
- Use and interpret crane manufacturer's specifications and data, including load charts, to enable the crane to be configured for the correct sea-state and specific load characteristics
- Transfer personnel between the facility and another vessel using appropriate approved equipment
- Understand procedures for lifting loads during diving operations and subsea operations
- Understand crane concepts, including heave compensation, passive, active and overload protection systems
- Theoretical Assessment with a pass mark of 80% and Practical Assessment.



CERTIFICATION

Consistency for all UK Courses:

Upon satisfactory course completion, participants will be issued an Offshore Crane Operator Stage 3 certification to conduct all offshore lifts.

Certification is issued by ATC Offshore in accordance with BS 7121 Part 11 and is valid for 2 years from date of issue.

