



COURSE OVERVIEW

PMASUP305 – OPERATE OFFSHORE CRANES

This course is designed to ensure that participants gain the necessary skills and knowledge to operate an offshore crane safely and efficiently. An offshore crane may include various crane classes temporarily or permanently mounted to a vessel, FPSO, MODU, fixed platforms, dive vessels, FSU's and barges or similar.

The offshore crane operator training course is based on competencies within the Australian Qualification Framework (AQF); AS 2550.1 Safe use of Cranes; NORSOK Standard R-003 – Safe use of lifting equipment; Offshore Petroleum Act 2006; IMCA Standards and Guidance notes

This training is recommended by the National Offshore Petroleum Safety Environment Management Authority (NOPSEMA) in the Australian offshore petroleum environment.



PERFORMANCE CRITERIA

- Plan and prepare for lift
- Conduct routine checks of the crane
- Communicate with work group
- Operate crane offshore
- Shut down crane and review operations.

INFORMATION

TARGET AUDIENCE

Offshore Crane operators required to re-validate their current skills & qualifications in order to conduct lifts in an offshore environment unsupervised

DURATION

5 DAYS

COST

POA

NUMBER OF PARTICIPANTS

Maximum 8



COURSE CONTENT:

- Adhere to statutory and regulatory authority requirements and company procedures
- Verify problems and equipment faults and demonstrate appropriate response procedures
- Implement appropriate mathematical procedures for estimation and measurement of loads
- Apply risk assessment and hazard control strategies
- Locate and apply relevant documentation, policies and procedures
- Establish and maintain communications with bridge, 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 of personnel between the facility and another vessel using appropriate approved equipment
- Follow safe management of loads during diving operations and subsea operations
- Understand heave compensation, passive, active and overload protection systems
- Practical Assessments conducted using an offshore crane or simulator.



CERTIFICATION

A Statement of Attainment will be issued upon successful completion by the RTO in accordance with our RTO Third Party Provider arrangement.

