## **ATC OFFSHORE**

#### **COURSE OVERVIEW**

## CPCCLTC4002A – LICENCE TO OPERATE A SELF-ERECTING TOWER CRANE

This unit specifies the outcomes required to operate a self-erecting tower crane for licensing purposes, and covers the operation of a crane where the tower structure and boom/jib elements are not disassembled into component sections, which can be transported between sites as a complete unit, and where the erection and dismantling processes are an inherent part of the crane's function.

# 8

#### **PERFORMANCE CRITERIA**

- Plan Work
- Conduct routine checks
- Transfer loads
- Shut down and secure crane.

### **INFORMATION**

#### **TARGET AUDIENCE**

It is recommended that candidates are trained and competent in Rigging and Slinging operations, and have logged hours in crane operation.

DURATION

5 DAYS

COST POA

#### NUMBER OF PARTICIPANTS

Maximum 8

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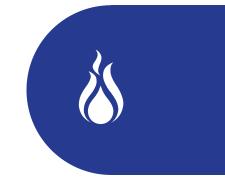
### **COURSE CONTENT:**

- Operation of a tower crane for the lifting and moving of loads
- · Identify risk assessment and hazard control strategies
- Use and interpretation of crane manufacturer's specifications and data
- · Verify problems and equipment faults and demonstrate appropriate response procedures
- · Interpret and comprehend manufacturer's instructions, procedures and safety signs
- Apply appropriate mathematical procedures for estimation of loads
- Understand WHS legislation, standards and codes of practice relevant to the full range of processes for the crane
- Follow organisational and workplace standards, requirements, policies and procedures for conducting operations for the crane class
- Understanding of the hierarchy of hazard identification and control
- Observe procedures for the recording, reporting and maintenance of workplace records and information
- Understand tower crane characteristics and capabilities to allow the operation of the crane to the range of loads
- Interpret rated capacity and working load limits (including use of crane load charts)
- Understand typical routine problems encountered in the operation of the crane and equipment and adjustments required for correction.



#### CERTIFICATION

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



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