



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.



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



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.

