

Aims and outcomes

This course aims to ensure successful candidates can safely and competently operate a slewing crane over 100t capacity on site. On completion of the course participants will be able to perform pre-operational checks; set-up and operate the crane competently; shut down and dismantle and perform various operations competently.

Pre requisite

Licence applicants must be 18 years of age and be physically capable of performing the tasks of a slewing crane operator. A basic level of English and a moderate understanding of mathematics will also be required.

Course Content

The slewing crane Over100t operator course is mapped to the Nationally Recognised unit of competency:

TLILIC0020 Licence to Operate a Slewing Mobile Crane Over 100t.

- Legislation, Australian Standards, National Standard for Licensing Persons Performing High Risk Work, codes of practice and company lifting procedures.
- Company risk management procedures and crane risk control
- Emergency response procedures incl. Case Studies, alarms, limits
- Crane type and its capacity
- Inspection of lifting gear
- Safe use of all lifting gear - correct reeving, angle factors, determine correct capacity of lifting gear
- Calculate area; calculate volume; use other means of establishing load mass
- Crane set up requirements, ground bearing capacities, outrigger pad calculations
- Pre-operational checks, log book, load chart and its use; areas of operation as per load chart; structural and stability areas; Australian Standards 2550 & 1418; signals as per Australian Standards
- Operate crane to manufacturers requirements; lift and move loads as directed by dogman/rigger/banksman, follow signals given by dogman/rigger/banksman, shut down and make crane safe.
- Shut Down and secure site, all lifting gear to be inspected; crane to be inspected and any problems entered into Log Book.

Certification

Successful candidates will be awarded the Nationally Recognised unit of competency, TLILIC0020 Licence to Operate a Slewing Mobile Crane Over 100t recognised within the Australian Qualifications Framework (AQF). A Licence to Perform High Risk Work, class CO will also be issued upon application to Worksafe Tasmania

Duration

32 hours conducted over 4 days.

Maximum Participants

6 persons

Cost

\$POA