



## TLILIC0014 Licence to operate a slewing mobile crane (up to 100 tonnes) (C1)

### Course Information

#### Objective

This unit covers the skills and knowledge required to safely operate a slewing mobile crane with a maximum rated capacity (MRC) up to 100 tonnes, in accordance with all relevant legislative responsibilities. Slewing mobile crane means a mobile crane incorporating a boom or jib that can be slewed but does not include a front end loader, a backhoe, an excavator or other earth moving equipment when configured for crane operation. A person performing this work is required to hold a slewing mobile crane with an MRC up to 100 tonnes high risk work licence (C1).

This is a nationally recognised training course and successful completion will lead to the issuance of a Statement of Attainment in TLILIC0014. However, competence in this unit does not in itself result in a HRW licence to operate this plant (please see below under Licensing).

This unit replaces and is equivalent to TLILIC4010.

#### Who should attend

This course is suitable for individuals operating a slewing mobile crane with an MRC up to 100 tonnes who are required to plan, prepare and perform work/tasks, including conducting routine checks, setting up crane, transferring and mobilising loads, shutting down and securing a slewing mobile crane and packing up the work area.

#### Pre requisites

A person undertaking this unit must hold:

- *Dogging (DG) HWRL* - a current national high risk work licence to perform dogging or a certification for a specific VET course for HRWL to perform dogging, and
- *C6 HWRL* - a current national high risk work licence to operate a slewing mobile crane (up to 60 tonnes) and current industry experience operating a slewing mobile crane of between 20T and up to 60T competently for at least 2 years.

TPS also recommends learners hold C2 prior to enrolling.

Candidates must be 18 or over at commencement of this course.

#### Licensing/Regulatory information

This unit is based on the licencing requirements of Part 4.5 of the Model Work Health and Safety Regulations and meets Commonwealth, State and Territory High Risk Work Licencing requirements. On successful completion of this unit you will receive a Slewing Mobile Crane (up to 100 tonnes) HRWL (C1), which will be issued by Worksafe WA. For further information on high risk work licencing requirements please visit WorkSafe WA <https://www.commerce.wa.gov.au/worksafe/what-high-risk-work-licence>.

#### Language, literacy and numeracy (LLN) requirements

Successful completion of this course requires you to have reasonable levels of language, literacy and numeracy (LLN) ability. Specifically, you will be required to use verbal communication skills to communicate with others in the workplace, literacy skills to read and interpret workplace documents, writing skills to prepare simple reports and complete maintenance records, and numeracy skills to perform calculations and interpret numerical information.

*Please note that all assessments for this unit must be conducted in the English language. The use of an interpreter is not permitted.*

Samples of the course LLN requirements are available from our Administration team.

### **Recognition of Prior Learning (RPL)**

Generally, this unit is delivered via an RPL assessment pathway. For more information contact our Administration team regarding eligibility.

### **Estimated duration**

All assessment activities are conducted over one 8 hour day.

### **Expected mode of delivery**

Assessment for this unit is conducted via face to face in an on-the-job or off-the-job environment.

### **Assessment**

All assessments are carried out using assessment instruments and instructions endorsed by WorkSafe WA. The written/oral WorkSafe WA assessment must be completed before the practical assessment is completed. Assessment activities include the following:

- Theory knowledge test (written or oral)
- Calculations assessment (must be answered in writing)
- Performance of the following practical activities including:
  - Hazard identification and risk controls
  - Conduct pre start checks (crane visual inspection)
  - Conduct post start checks
  - Set up crane and conduct test lift
  - Operation of crane to the full range of its capability (safe moving of loads)
  - Correctly interpret and act on communications
  - Shut down and secure

For further information on the assessment requirements please contact our Administration team.

### **Course fees**

On request.

### **Funding**

You may be eligible to claim up to 80% of your course cost through the Building and Construction Industry Training Fund (BCITF). To find out if you are eligible please call BCITF on 9244 0100 or ask our staff.

Please note that Tom Price and Sons is not a VET FEE Help provider.

### **Course content**

The following provides a summary of the course content. Please contact our Administration team if you require further detail.

- WHS legislation, workplace standards, requirements, policies and procedures for conducting safe work operations for the mobile slewing crane
- roles and responsibilities of duty holders as per legislative obligations of WHS requirements, safe work and workplace procedures
- workplace instructions, safety information, emergency procedures
- hazards and risk assessment management and mitigation strategies including traffic management and setting up an exclusion zone
- workplace communication procedures, devices and signals
- characteristics and capabilities to allow crane configuration to suit a range of loads
- crane configuration mathematical calculations
- crane, lifting gear load chart/s and manufacturer requirements
- characteristics and impact of factors affecting:
  - non-slewing articulated mobile crane stability whilst mobilising loads compared to slewing crane
  - vehicle loading crane stability whilst mobilising loads compared to slewing crane
  - reach stacker stability whilst mobilising loads compared to slewing crane
- weather bureau forecasts and environmental conditions that could impact operation
- manufacturer requirements on jib, fly jib and counterweights procedures
- prestart and operational checks, start up, shut down and pack up crane as per manufacturer requirements
- test lifting loads and factors that impact on lifts
- operating a slewing mobile crane configured with at least four parts of line greater than 60 tonnes and up to 100 tonnes
- problems and appropriate response procedures to unplanned and/or unsafe situations and environmental conditions
- stability of load and avoidance of hazards using best crane practice
- work area suitability based on relevant ground reports
- recording, reporting and maintaining workplace records and information.

### **Frequently asked questions**

*Q. Can I do this course in my workplace?*

A. On site training and assessment must be organised through a workplace supervisor to ensure that all the required materials and a suitable working area is made available to suit the assessment and workplace. All assessment will be conducted under standard and authorised work practices, time lines, safety requirements and environmental constraints.

Should you require more information or have any further questions please contact our Administration team on 9726 0812.