

Course Information



Unit of Competency: RIIHAN305D Operate a gantry or overhead crane.

Course Overview

This nationally recognised unit of competence from the RII - Resources and Infrastructure Industry Training Package is available for those who are already working in relevant industries where working at heights is a requirement. The learner, through a combination of theory and practical, will gain the necessary skill and knowledge to work safely in a broad range of situations operating a bridge or gantry crane. This unit of competence is aligned with Australian Standard AS 2550.3-2002 Cranes, hoists and winches - Safe use, Part 3: Bridge, gantry, portal (including container cranes) and jib cranes with clear focus on compliance with the current codes of practice. It is also a great Overhead Crane Operator refresher course.

High Risk Work Licence requirement

A High-Risk Work licence is required where a Bridge or Gantry Crane meets the following definition.

"Bridge and gantry cranes (CB) are a bridge crane or gantry crane that is:

- controlled from a permanent cabin or control station on the crane, or*
- remote controlled with more than three powered operations (hoist, raise and lower equals one operation), and*
- including the application of load estimation and slinging techniques to move a load."*

NOTE: THIS COURSE DOES NOT PROVIDE THE HIGH RISK WORK LICENCE.

Pre-requisite units

Nil

Course requirements

Learners will need to have adequate English language, literacy and numeracy and digital skills to be able to participate fully in the training.

Due to the duration of this course learners must already be working within industry.

What does the course offer?

The program has been developed to provide learners with general skills, background information and specific knowledge about operating a bridge or gantry crane, which is then applied in discussion, questioning, role-plays and practical application for the industry specific unit.

The program is delivered 'on-the-job' at the client's premises. Training delivery combines face-to-face trainer led theory classes and practical sessions. In most cases there will be no more than 10 learners in any class.

Learners are provided with all required course material including a training manual that covers all parts of the course. Additional material will be made available during training sessions if required.

Forkpro Australia, as far as is practical, will ensure that employers and learners are kept informed of their progress throughout the training and assessment process.

Course Outline

- Understanding documentation and compliance
- Work requirements
- Understanding risks, hazards and environmental issues
- Appropriate Personal protective equipment
- Working with others in the worksite
- Safe operation of gantry/overhead crane
- Making loads safe
- Perform pre-start, start-up, park-up and shutdown procedures
- Interpretation of signals
- Operate controls
- Monitor of operations
- Inspect for faults and perform operator maintenance
- Emergency procedures and record keeping

Learning outcome

Learners will gain the following knowledge and skills on completion of the course:

- Access, interpret and apply crane operation documentation and ensure the work activity is compliant
- Obtain, read, interpret, clarify and confirm work requirements
- Identify and address potential risks, hazards and environmental issues, and implement control measures
- Select and wear personal protective equipment appropriate for work activities
- Coordinate activities with others prior to commencement and throughout operations
- Operate gantry/overhead crane
- Prepare load for lift in accordance with crane limitations and rigging requirements
- Perform pre-start, start-up, park-up and shutdown procedures
- Confirm the work area hazards are removed or controlled prior to commencing the lift
- Interpret signals in accordance with AS2550
- Operate controls to lift, transfer and lower loads
- Monitor lift operations and ensure compliance
- Perform gantry/overhead crane operator maintenance
- Inspect crane for faults
- Perform routine operational servicing, lubrication and housekeeping tasks
- Process written records Emergency procedures

Course Outcome

Within 30 days of successful completion a nationally accredited "Statement of Attainment" will be supplied to the learner (RIIHAN305D Operate a gantry or overhead crane).

Course Duration

8 Hours

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| Required pre-work: | Nil |
| In class theory training: | 2 Hours. |
| In class practical training: | 4 hours. |
| In class assessment: | 2 hours. |
| All times may vary depending on existing level of competence, pace of learning, numbers in class, etc. The trainer will adapt the course in response to these factors. | |

How are learners assessed?

- Recognition of current skills and knowledge are available for components of this course.
- Learners will undergo assessment via a combination of:
 - Workplace observation
 - Oral/written questioning
 - Practical exercise
- The oral/written assessment is "closed book" and no outside assistance is permitted. Groups can sit for the test at one time providing there is sufficient separation. The practical assessment requires the completion of set tasks using compliant equipment such as overhead crane, slings/lifting equipment and loads.

What if I have a disability, learning difficulties or cannot write in English?

Learners enrolling in courses where dangerous work in the workplace is required, must have English skills at a level that enables the safe performance of high-risk work. It is important to evaluate these skills prior to deciding to enrol.

Support can be offered in various forms such as:

- Language, Literacy, Numeracy and digital skills evaluation.
- Verbal assessments.
- Additional training if required.
- Referral to support organisations.

It is best to discuss your situation prior to enrolling, as we may be able to offer a varied course structure or put in place some other strategies before enrolment. There are 2 sections of the course – training and assessment for the unit of competence. Therefore, it is important that we establish any support required before enrolment.

To discuss this please call us on 1300 789 606 or enquiries@forkpro.com.au.

Site resource requirements.

Training is conducted on-site with the following requirements:

- Suitable training room with enough space to allow at least 1.5m separation each side of each learner.
- The course is 8 hours so comfortable seating and desks/table is required.
- 240V power and a screen or clean white wall.

Mandatory conditions for assessment of this unit are stipulated below.

- The assessment must:
 - include access to:
 - gantry or overhead crane
 - load to be shifted
 - personal protective equipment
 - be conducted in a safe environment
 - be assessed in context of the sector's work environment
 - be assessed in compliance with relevant legislation and regulations and using policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed
 - confirm consistent performance can be applied in a range of relevant workplace circumstances.

Where personal safety or environmental damage are limiting factors, assessment may occur in a simulated work environment* provided it is realistic and sufficiently rigorous to cover all aspects of this sector's workplace performance, including environment, task skills, task management skills, contingency management skills and job role environment skills.

Individual Requirements

- Learners must be at least 18 years of age.
- Learners must provide their Unique Learner identifier (see www.usi.gov.au).
- 100 points of ID must be presented (one form must be photo ID)
- PPE appropriate to your work site must be brought to the assessment.

NOTE: Persons residing in Australia on a STUDENT VISA cannot enrol in this course. All training for Student Visa holders must be through a CRICOS provider. See www.training.gov.au.

For the full list of requirements please refer to our pre-enrolment course conditions available on our website at <http://forkpro.com.au/learner-support>.

It is recommended that prospective learners read the Learner Handbook available at the above web address also.

If you have any concerns or questions regarding the pre-enrolment conditions, please call us on 1300 789 606 or email enquiries@forkpro.com.au.

Full RTO Details can be found at www.training.gov.au.
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