

WorkSafe bridge and gantry crane operation licence - CB licence course details

Course Name	TLILIC0016 Licence to operate a bridge and gantry crane
Application	The scope of work for this licence covers the operation of bridge cranes and gantry cranes that are (i) controlled from a permanent cabin or control station on the crane; or (ii) remotely controlled and have more than 3 powered operations; (b) the application of load estimation and slinging techniques to move a load using a bridge crane or gantry crane. Bridge crane means a crane that: consists of a bridge beam or beams, that are mounted to end carriages at each end, can travel along elevated runways, and has one or more hoisting mechanisms arranged to traverse across the bridge. Gantry crane means a crane that: consists of a bridge beam or beams supported at one or both ends by legs mounted to end carriages, can travel on supporting surfaces or deck levels, whether fixed or not, and has a crab with one or more hoisting units arranged to travel across the bridge.
Duration	4 X 8 Hour Days (plus at home learning requirement – approx. 6-8 hours). Blended delivery – This is a combination of Self-Paced Learning and Face-to-face delivery/assessment. Students are provided with a Learner Guide and Activity Book at time of booking and must complete the Activity Book (Part A) before attending the face-to-face component of the course. Self-Paced Learning requires approximately 6 -8 hours of at home reading & writing. Face-to-face component includes 3 days (approx. 24 hours) of training and unit assessments, followed by 1 day (approx. 8 hours) of licence assessment. (The duration of each course & time allocated to training may vary according to the size of the class, and experience/needs of the individual students. Within the timeframe, different amounts of training will be provided for each identified student based on their specific learning needs, prior knowledge, skills and experience. <i>Training and assessment day times can vary due to a number of reasons including but not limited to individual student requirements on the day of training and assessment</i>). You are also encouraged to discuss any relevant industry experience with the administration team, such as holding other high-risk work licences.
Location	The course will be conducted on-site (external worksites) where the workplace has sufficient space and suitable equipment to conduct the practical activities and assessments safely. Onsite checklist will be used to determine if onsite venue is appropriate before onsite training and assessment is scheduled.
GWPT Selection Criteria	There are no formal entry requirements/pre-requisites noted within the training package for this unit of competency. GWPT selection criteria includes the following: • Participants must be at least 18 years old. • Can use the English language at a level that enables the safe performance of high-risk work and complete the required course assessments. Students must also be able to understand the provided texts; comprehend the training in a classroom environment and be able to respond to short answer questions in English. A sample of the text and example of short answer questions are available on request. We recommend that all participants complete a Learning, Literacy, Numeracy and Digital Skills Assessment at the time of booking, and to discuss any specific learning needs at this time. If the LLND test is not returned during the period outlined in the Confirmation Email, and the participant is assessed during the course as not meeting the LLND requirements of the course, the full fee remains payable. • Participants are required to have general good health and fitness and any pre-existing medical conditions that will affect the training must be disclosed prior to attending. They must have the physical capacity to meet the manual work requirements of the unit. Participants must have the physical capacity to safely operate a bridge or gantry crane, including the ability to access the operating position, operate crane controls accurately, maintain visual awareness of the load and surrounding work area, hear and respond to alarms, signals, and communications, maintain concentration throughout lifting operations, and coordinate movements effectively. Participants must also be able to communicate clearly with other personnel, understand and follow workplace instructions and documentation, identify hazards, and respond appropriately to changing workplace conditions. • To obtain a WorkSafe Licence, participants must reside in Victoria or, if residence is elsewhere, have reasonable grounds for applying for the licence in Victoria. If you do not reside in Victoria, WorkSafe may require you to provide them with evidence of your reason for requiring a Victorian HRW Licence. • If you are not an Australian or New Zealand citizen, or Australian permanent resident, you must ensure that your visa permits you to study in Australia.
Required PPE and attire	• Appropriate work attire, including work pants or work shorts, work shirts and Steel-cap safety boots/shoes – students must provide their own.

- High-visibility vest/clothing and Hard hat – We prefer students to bring their own hi-vis vest/clothing and hard hat (in good and safe condition). Hi-vis vests and hard hats are also available at our RTO sites if needed. Students must organise their own if the training is conducted at an external venue.
- Suitable work gloves (optional) – students may bring their own if preferred.

**Material
Required**

Go Workplace Training provides all other material including Learner Guide, Activity book, reference materials, assessment paperwork and administrative documentation.

**Course
Description**

This course has both theory and practical components. For a 4-day course, training and assessment requirements include:

- Day 1, 2 and 3 - Training and assessment for the unit of competency – covering the requirements of the training product, using Activity Book and associated handouts (as applicable to the course), and Day 4 - The final WorkSafe Victoria high risk work licence assessment, using the National Assessment Instruments (conducted after successful completion of the unit of competency).

WorkSafe's approved National Assessment Instrument (licence test) - Under closed book assessment conditions, students will be required to complete a:

- Written test with 88 questions, 84 answered correctly (95%)
- Calculations test with 7 questions (some questions have different parts), all answered correctly (100%).
- Practical assessment (Tasks 1 - 7) – successfully complete all parts of each task independently, without any assistance, prompting, or cues from the assessor to proceed to the next task.

At the successful completion of this course, participants will be able to safely operate a bridge crane or gantry crane and be able to apply a working knowledge of the OH&S and regulatory requirements in accordance with WorkSafe standards. This includes conducting risk assessments, pre-start checks, operational checks, operating a bridge crane or gantry crane in a safe manner, acting on communication signals and correctly shutting down the crane.

**Equipment
and resource
requirements**

Including but not limited to:

- Workplace and task specific risk control measures such as barriers to create pedestrian zones, signage and the like.
- PPE – enclosed safety shoes, hi vis clothing, long pants, hard hats, other protective clothing and equipment as appropriate for all course participants.
- A bridge or gantry crane that is controlled from a permanent cabin or control station on the crane or remotely controlled and having more than three powered operations. The crane must be in a safe/serviceable working order in accordance with manufacturer specifications and compliant with AS 1418 and with the requirements of the relevant Commonwealth, State or Territory legislation + Crane logbook + Manufacturer's instructions.
- Access to four different loads. Loads must consist of a load at least 5% of the RC of the crane.
- A working zone for the bridge and gantry crane practical training and assessment (operating a bridge or gantry crane configured to lift and move four different loads using the main hook through an obstacle course using all crane operational controls while the load is in full view of the crane operator).
- Person licensed to direct the crane operator in moving the load (dogger) WHO HAS HELD THIS LICENCE CLASS FOR A MINIMUM OF 2 YEARS.

Outcome

At the successful completion of this unit of competency requirements, participants will receive a Statement of Attainment for that unit. This is not a WorkSafe licence for the applicable licence class. Once participants successfully complete licence assessment, they will receive an email from WorkSafe containing a link to access a Notice of Assessment (which acts as a temporary licence for 60 days from the original assessment day). Participants are required to lodge their Notice of Assessment on the My WorkSafe Portal or at Australia Post and pay the WorkSafe Licence fee within the 60 days from the original licence assessment day to obtain the actual Licence from WorkSafe. Competence in this unit, does not in itself result in a high-risk work licence.

**RPL/ Credit
Transfer**

Individuals possessing a valid CB licence and recent operational experience (within the last 6 months) with the relevant machinery can apply for Recognition of Prior Learning (RPL) to obtain the related competency unit. Operating bridge and gantry cranes in Victoria require a WorkSafe licence. Credit Transfer is available for an equivalent unit of competency.

**Employment
and Learning
Pathways**

HRW CB licences are required to operate bridge and gantry cranes in Australian workplaces. Students who satisfactorily complete this course may consider undertaking other crane licencing.