

Nominal Hours: 100

Rail Bound Plant Operator - National

Course Description

This course consists of 5 units that will enable you to operate road/rail vehicles on track in accordance with safeworking and regulatory requirements, and workplace procedures.

It will teach you the skills and knowledge required to safely access the rail track to run a track vehicle within a defined worksite on a rail network during rail work activities.

No licensing, legislative or certification requirements apply to this course at the time of publication, however, further training may be required to meet machine specific operations and/or state-based licensing requirements as per the National Roles Matrix – Plant on the RIW website.



Units of competency in this course

If a participant completes all requirements of the course, they will receive a nationally recognised Statement of Attainment for the following units:

TLIC3045 Operate road/rail vehicle

TLIC2058 Travel medium or heavy self-propelled on track equipment

TLIC2054 Access rail track to run track vehicle within defined worksite

TLIC0010 Propel and operate light on-track equipment

TLIF2097 Use audible track warning devices



Cost

Please contact our office for current pricing.



Duration

This course is conducted over 2 days, from 8.00am - 3.00pm.

Participants are required to gain on-the-job experience before returning for final practical assessment, which is conducted over 4 hours.



Do you need to bring Personal Protective Equipment?

Yes. Participants will need to provide: ankle-high steel cap boots, long-sleeved hi-vis shirt or vest with an X on the back and H/goal-posts on the front, long pants, a hard hat, safety glasses and gloves.



Will I need to undertake work placement?

Yes. This course requires practical experience on-the-job. Participants will use a logbook to complete the necessary experience against each unit of competency. As participants progress the logbook must be signed by a workplace mentor before returning to Go Train Industry for further assessment.



What are the Entry Requirements?

Participants must:

- ☐ already hold the following units of competency, or equivalent units, prior to enrolling:

TLIF0020 Safely access the rail corridor

TLIB0012 Maintain and use hand tools

TLID0020 Shift materials safely using manual handling methods

TLIE1003 Participate in basic workplace communications

TLIF0025 Follow work health and safety procedures

TLIF2010 Apply fatigue management strategies

TLIB2085 Apply track fundamentals

TLIU2008 Apply environmental procedures to rail infrastructure

- ☐ have an experienced and qualified workplace supervisor who can mentor the participant through the on-the-job Logbooks and work experience.

What Next?

Before training:

1. Participants need a **Unique Student Identifier (USI) Number** to study within Australia. A USI gives people access to an online record of training completed since January 2015. Participants who do not currently have a USI must obtain one before attending training at Go Train Industry. **Please visit www.usi.gov.au to obtain a USI.** Participants need to provide Go Train with their USI number as we cannot issue a certificate until the USI is verified.
2. To secure a spot in the course participants need to enrol and pay for the course prior to commencement of training.
3. Participants should refer to our website if they think they may be eligible to apply for RPL or Credit Transfer.
4. If a participant is unable to attend, they must contact Go Train as soon as possible. If less than 48 hours' notice of cancellation is provided, Go Train are unable to refund any fees paid.

Language, Literacy and Numeracy

If a participant is deemed, prior to enrolment or throughout the training, to possess a lower level of language, literacy or numeracy than the minimum required for this course, Go-Train Industry Pty Ltd will provide advice and support regarding further learning options.

At times, further language or literacy development or remedial assistance may be required prior to the continuation or completion of the student's course of study. The cost of this further LLN development or remedial assistance must be covered by the participant or employer.



On the day of training:

1. Bring Photo ID - Preferably a driver's licence showing full name, date of birth and address.
2. **Participants must wear covered in shoes.** Please note that we have a **NO THONGS** policy and individuals will be sent home unless the correct footwear is worn.
3. Course fees must already be paid in full before attending each stage.

At the course

1. When participants attend training, they will be asked to sign a Training Attendance Sheet. Signing the attendance sheet is an acknowledgement that they have read and understood this Pre-Training Information prior to attending the course.
2. This course will be delivered in a classroom environment by a qualified and experienced Rail Trainer.
3. All learning materials will be provided to participants.
4. Theory assessments will be conducted for each of the units throughout the course.
5. Workplace experience and mentoring on-the-job must be gained after the formal training of this course.



After classroom training:

1. Participants are required to gain work experience under the guidance of a suitably qualified workplace supervisor/mentor.
2. Participants will be issued with a Logbook to record their experience as they work. Workplace mentors must sign off tasks as the participant demonstrates the ability to complete tasks independently.
3. Participants should perform all relevant tasks and procedures as often as possible across the full range of relevant conditions - for example, during daylight and at night, in different weather conditions, in different geographical locations and terrain, with different equipment.
4. Once this Logbook is completed participants can undertake final assessment for the course.
5. If the assessor feels the participant needs further experience, participants will need to gather this additional evidence before being able to undertake any further assessments.



After Assessment:

1. **Statement of Attainment** - On successful completion of each stage, participants will receive a nationally recognised Statement of Attainment showing units completed.
2. **Rail Industry Work (RIW) Card** - Participants need to update their Rail Industry Work (RIW) Card after the training. Updating the RIW is the participant's responsibility. Please refer to the <https://www.riw.net.au/> website for further information.

Locations

Please contact our office on 1300 698 158 to confirm delivery dates and to enrol.

Participants are responsible for any travel to practical locations, their meals and lodgings throughout the course.

Newcastle NSW

Suite 6,
26 Balook Drive.
Beresfield NSW 2322

Salisbury Qld.

Building 9B,
87 Fairlie Tce.
Salisbury QLD 4107

Kensington Vic.

105 Bakehouse Rd.
Kensington VIC 3031

Participant's workplace

We can come to you.
Contact us for group bookings.

Fine Print

Please refer to our Student Handbook located on our website:

www.gotrain.com.au

for further information regarding participant rights and obligations as a student of Go-Train Industry Pty Ltd.

To ensure a participant leaves with the most up to date qualification

If during or after enrolment, the course in which participants are enrolled is updated in line with national industry standards, Go Train reserve the right to transition participants into an alternate course. If this becomes necessary, we will advise participants of the change and the arrangements which will be available to complete the alternate course.



What can participants do once they complete this course?

Participants can complete further units toward:
TLI27121 Certificate II in Rail Infrastructure

Training Plan

| Day | Unit | Description | Assessments |
|-------|--|--|-------------------|
| 1 - 2 | TLIC2054 Access rail track to run track vehicle within defined worksite | <p>This unit involves the skills and knowledge required to safely access the rail track to run a track vehicle within a defined worksite on a rail network during rail work activities.</p> <p>It includes accessing defined worksites, running track vehicle within defined worksite and exiting defined worksite.</p> <p>People achieving competence in this unit will need to fulfil the applicable state/territory legislated rail safety requirements and to comply with relevant codes of practice and/or guidelines.</p> <p>The unit includes the application of Rail Infrastructure Manager safeworking system rules, procedures and protocols for rail safety.</p> | Theory Assessment |
| | TLIC3045 Operate road/rail vehicle | <p>This unit involves the skills and knowledge required to operate road/rail vehicles on-track in accordance with safeworking and regulatory requirements, and workplace procedures.</p> <p>It includes performing pre-operational and post-operational checks, on-tracking and off-tracking vehicles, operating equipment, and completing required documentation. It encompasses the operation of all road/rail on-track vehicles.</p> <p>It involves the application of routine operational principles and procedures when operating road/rail vehicles as part of workplace activities across a variety of operational contexts.</p> <p>A road vehicle fitted with retractable rail guidance wheels (also known as a hi-rail vehicle) and may also involve:</p> | Theory Assessment |

- ☐ excavators
- ☐ four-wheel drives
- ☐ light–medium rigid vehicles
- ☐ pettibone
- ☐ tractors
- ☐ weed sprayer.

People achieving competence in this unit will need to fulfil the applicable state/territory legislated rail safety and safeworking requirements and to comply with relevant codes of practice and/or guidelines.

Operators of road/rail vehicles may need to have applicable road and/or high-risk licence or certification requirements for the type of vehicle being used.

TLIC2058

Travel medium or heavy self-propelled on track equipment

This unit involves the skills and knowledge required to travel a medium or heavy self-propelled on-track vehicle on a rail network in accordance with the rail network owner policies and procedures.

It includes performing pre-operating checks, obtaining appropriate authority to travel, stabling medium or heavy self-propelled on-track vehicle, performing post-operational procedures and completing documentation.

This unit involves the application of Rail Infrastructure Manager operational procedures to travel a medium or heavy self-propelled on-track vehicle, as part of workplace activities across a variety of operational contexts.

Medium or heavy self-propelled on-track vehicles may include:

Theory Assessment

- ☐ ballast cleaner
- ☐ ballast regulator
- ☐ dynamic stabiliser
- ☐ inserter/remover (TR10)
- ☐ rail crane
- ☐ rail grinder
- ☐ spot tamper
- ☐ tamper
- ☐ track layer
- ☐ track recorder.

People achieving competence in this unit will need to fulfil the applicable state/territory legislated rail safety requirements and to comply with relevant codes of practice and/or guidelines to operate each individual piece of equipment.

Operators will need to have fulfilled licence and certification requirements for the type of equipment being used.

TLIC0010

Propel and operate light on-track equipment

This unit involves the skills and knowledge required to propel and operate light on-track equipment as part of workplace activities across a variety of rail operational contexts.

It includes performing pre-operational equipment checks, obtaining approval to place equipment on-track, operating light equipment on-track and stabling or moving equipment off track.

Light on-track equipment is considered to be less than 10 tonnes that may be lifted on or off track mechanically and may include:

Theory Assessment

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- ☐ ballast scarifiers
 - ☐ dog screw setters/drivers
 - ☐ joint lifters
 - ☐ multi-spindle borers
 - ☐ power track jacks
 - ☐ profile grinders
 - ☐ rail-mounted compressors
 - ☐ small sleeper spacers
 - ☐ spike drivers
 - ☐ spike pullers (ride on)
 - ☐ various fastening applicators.

Light on-track equipment requires a basic operator skill level in manipulation, coordination, alignment and functional activity, with little complexity or variance in overall activity. This typically covers equipment carrying out basic repetitive and alignment type activities.

People achieving competence in this unit will need to fulfil the applicable state/territory legislated rail safety requirements, to comply with relevant codes of practice and/or guidelines, and to meet organisational requirements to operate each individual piece of equipment.

Operators will need to have fulfilled licence and/or certification requirements for the type of equipment being used.

| | | |
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| <p>TLIF2097</p> <p>Use track audible warning devices</p> | <p>This unit involves the skills and knowledge required to access, place and remove audible track warning device in accordance with legislative and regulatory requirements.</p> <p>It includes accessing, placing and removing of audible track warning devices in accordance with legislative requirements, organisational and/or network owner policies and procedures.</p> <p>People achieving competence in this unit will need to fulfil the applicable state/territory legislated rail safety requirements and to comply with relevant codes of practice and/or guidelines.</p> <p>Audible track warning devices are used to warn rail traffic crews and rail safety workers within the rail corridor. Audible track warning devices are also known as:</p> <ul style="list-style-type: none"> <input type="checkbox"/> railway track signals <input type="checkbox"/> audible safety signalling devices. | <p>Theory and Practical Assessment</p> |
| <p>After 3-6 months on the job</p> | <p>Students must meet with the Go-Train Assessor for a Practical Assessment. This requires students to submit completed on-the-job Logbooks and provide a demonstration of their skills for the following units:</p> <ul style="list-style-type: none"> <input type="checkbox"/> TLIC2054 Access rail track to run track vehicle within defined worksite <input type="checkbox"/> TLIC3045 Operate road/rail vehicle <input type="checkbox"/> TLIC2058 Travel medium or heavy self-propelled on track equipment <input type="checkbox"/> TLIC0010 Propel and operate light on-track equipment | <p>Practical Assessment and completion of on-the-job Logbook</p> |

To enrol please contact our office on 1300 698 158