



Australian
Industry and
Skills Committee

RAIL TRAFFIC PILOT PROJECT

Case for Change

Name of allocated IRC: Rail IRC

Name of the SSO: Australian Industry Standards Limited

1. Administrative information

For a list of the products proposed to be reviewed as part of this project, please see **Attachment A**.

Name of IRC:

Rail IRC

Name of SSO:

Australian Industry Standards Limited

1.1 Name and code of Training Package(s) examined to determine change is required

TLI Transport and Logistics Training Package

2. The Case for Change

For information on the job roles to be supported through the proposed qualifications updates, enrolments data, completion rates, and the number of RTOs delivering these qualifications please see **Attachment B**.

2.1 Rationale for change

This Case for Change is based on the rail industry's request to develop a new skill set and one new Unit of Competency (Pilot rail traffic with due consideration of route conditions) and revise one existing unit to provide workers the required skills for piloting rail traffic. Where required, Pilots accompany Drivers and Track Vehicle Operators to direct rail traffic movements.

The skills gap was identified by rail industry stakeholders. Currently there is no skill set for a pilot who is not involved within track authority limits, i.e., a rail traffic pilot on the main line not involved with track work. The Rail traffic pilot is a rail safety role for ensuring safe efficient and effective rail traffic movement across rail networks under a variety of circumstances. The industry is experiencing rapid infrastructure growth and investment that requires skills development to ensure our rail networks remain safe for traditional rail, and autonomous rail traffic and the community.

If this development is not completed, there will be a critical skills gap for this job role. Additionally, there will not be the appropriate skills industry needs for rail safety worker to pilot rail traffic on the main line whilst not involved with track work.

Existing TLI units reviewed in the last twelve months will not be reviewed but will be incorporated into the Skill Set.

2.2 Evidence for change

The Rail IRC held industry discussions with rail transport operators and conducted an industry consultation webinar. The IRC identified that current and future infrastructure projects will leave knowledge and procedural skill gaps for a rail traffic pilot within the rail safety management skills matrix. Given the vastness of the rail infrastructure work currently happening in Australia this is a skill that will be in demand over the next five years as the projects come online. Industry needs to have trained Pilots to ensure safety and maintain the continuity of infrastructure work.

2.3 Consideration of existing products

Additional supporting existing Units of Competency will be selected for the skill set. The existing unit - TLIC2081 Pilot rail traffic within work on track authority limits, is limited to track authority sites and does not address the current skills required for a main line rail traffic pilot.

The existing Training Package products for these skills are contained in the TLI Transport and Logistics Training Package. Existing Units of Competency are proposed to be incorporated in the Skill Set. There are no other suitable main line rail traffic pilot units available in any other training package to meet this specific need.

2.4 Approach to streamlining and rationalisation of the training products being reviewed

Given the specialised nature of rail sector, the industry requires a new unit of competency to be specific to their occupational needs. The IRC has identified several existing Units of Competency to be included in the new skill set.

3. Stakeholder consultation

3.1 Stakeholder consultation undertaken in the development of Case for Change

*For a full list of industry-specific stakeholders that actively participated in the stakeholder consultation process undertaken to develop the Case for Change, please see **Attachment C**.*

The initial request for this revision was from a rail stakeholder who works for a rail transport operator. Rail operators are represented on the Rail IRC.

Development of the Case for Change involved consultation with stakeholders via the following communication mechanisms:

- Stakeholder webinars
- Face to Face meetings (Virtual)
- AIS Website
- Stakeholder networks
- Teleconferences
- Emails

This work was outlined during a webinar which included representatives from all States/Territories and regional areas of those jurisdictions. Feedback on the proposed work was invited during the webinar.

The pending work was posted on the Engagement Hub of the AIS website and feedback invited. It has also been provided to STA's and 1097 Rail stakeholders to provide feedback.

Rail transport operators operate across all states and territories in Australia. Operators from these states and territories have been included in the consultation and the above methods provide various options for those in rural and remote areas to contribute.

3.2 Evidence of Industry Support

*For a list of the issues raised by stakeholders during consultation and the IRC's response to these, please see **Attachment D**.*

No objections to the review and development of this project were raised during the consultation process. The proposed TLI Skill Set development is supported by rail industry and the Rail IRC.

Please see Attachment D.

3.3 Proposed stakeholder consultation strategy for project

*Note: For a full list of industry-specific stakeholders who are planned to be contacted to participate in the stakeholder consultation process undertaken for this project, please see **Attachment E**.*

Key Industry stakeholders have been identified in consultation with industry regulators, associations, and the Rail IRC.

AIS, on behalf of the Rail IRC, will promote the opportunity to contribute through stakeholder webinars, the AIS website, EDM's, AIS newsletter and public notifications. Stakeholders will also be notified of key milestones throughout the life of the project, including requests for feedback on draft materials.

Stakeholder engagement and consultation will occur over the life of the project via a combination of the following methods:

- Direct engagement: Face to face consultations, Site visits, Phone, emails, video/teleconferencing meetings
- Industry forums and conferences
- Webinars
- Online feedback mechanisms
- STA direct engagement

Given the size of Australia and all stakeholders not being centrally located in major cities, a range of consultation strategies will be used so stakeholders in rural, regional and remote areas, and in smaller jurisdictions have multiple avenues to provide feedback.

This includes but is not limited to, online/video consultation, email correspondence and promotional activity via targeted communications including social media. A recently developed Engagement hub on the AIS website provides a one stop portal for information about how all stakeholders can participate and inform Training Package development work.

4. Licencing or regulatory linkages

There are no licencing requirements contained in this Skill Set. However, the unit of competency will address the skills and knowledge requirements to meet rail safety regulatory requirements.

5. Project implementation

5.1 Prioritisation category

It is proposed that this review be progressed as a routine project.

In line with the AISC Prioritisation Report and to coordinate the release of updated products, the IRC recommends a routine update and implementation of this project.

5.2 Project milestones

- **Key project milestones include:**
 - *AISC project approval – June 2021*
 - *Draft 1 consultation – January 2022*
 - *Stakeholder validation – March 2022*
 - *Quality Assurance – April/May 2022*
 - *Final consultation with states and territories – June 2022*
 - *CfE submitted for approval – 30 June 2022.*

5.3 Delivery or implementation issues

The key implementation issues raised by stakeholders concerns training and assessment in the COVID environment; The key concern is the restricted access because of COVID protocols. This limits the exposure to training scenarios that are essential to maintain rail traffic pilot skills in decision making and problem-solving situations.

6. Implementing the Skills Minister's Priority reforms for Training Packages (2015 and October 2020)

The project submission will support industry's expectations for training delivery and provide a revised Companion Volume Implementation Guide (CVIG) to support delivery of the new products.

The Skill Set will be developed to ensure it is applicable to the occupational requirements of a rail traffic pilot in Australia. This development will also enable rail safety workers to move between States and Territories.

The Skill Set and associated Units of Competency are only used in rail safety contexts. The Skill Set will enable workforce mobility between state and commonwealth rail sectors.

There will be one new Skill Set developed as part of this project.

This Case for Change was agreed to by the Rail IRC

Name of Chair

Carol Hedrick

Signature of Chair

Date

Name of Chair	Carol Hedrick
Signature of Chair	
Date	

Attachment A: Training Package components to change

Australian Industry Standards Limited

Contact details: David Dixon - Chief Operating Officer

Date submitted: TBA

Project number	Project Name	Qualification/ Unit / Skillset	Code	Title	Details of last review (endorsement date, nature of this update transition, review, establishment)	Change Required
2	RAIL Traffic PILOT - Develop	Unit	TLIC9997Y	Pilot rail traffic with due consideration of route conditions	New unit	New
2	RAIL Traffic PILOT - Develop	Unit	TLIC2081Y	Pilot rail traffic within work on track authority limits	19/Oct/2015 - Transition	Update
2	RAIL Traffic PILOT - Develop	Skill Set	TLISS99988Y	Rail Traffic Skill Set	New unit	New
2	RAIL Traffic PILOT - Develop	Qualification	TLI32715Y	Certificate III in Track Protection	04/Jul/2018 - Review	Update

Attachment B: Job role, enrolment information, the number of RTOs currently delivering these qualifications

Please set out the job roles to be supported through the updated qualifications, enrolment data over the past three years in which data is available for each qualification, completion rates for each qualification, and the number of RTOs delivering these qualifications.

Job role	Qualification to be updated to support the job role	Enrolment data (for the past three years)	Completion rates (for the past three years)	Number of RTOs delivering (for the past three years)
	TLIC2081Y Pilot rail traffic within work on track authority limits	2317	2173	16
	TLIC9997Y Pilot rail traffic with due consideration of route conditions			
	TLISS99988Y Rail Traffic Skill Set			
821611, Railway Track Worker	TLI32715Y Certificate III in Track Protection	1857	167	9

Attachment C: List of stakeholders that actively participated in the consultation process of the Case for Change

Active participation has included 41 stakeholders from the following organisations across all states and territories within Australia:

- Industry Reference Committee (IRC) Representatives
- Employers (Non-IRC)
- Peak Industry Bodies
- Unions
- Regulators
- RTOs
- Other/Consultants

Attachment D: Issues Raised by Stakeholders during consultation on the development of the Case for Change

Stakeholder Type	Issues Raised	IRC's Response to Issues Raised
Industry Reference Committee (IRC) Representatives	There were no issues raised at this time	Nil
Peak Industry Bodies	There were no issues raised at this time	Nil
Employers (Non-IRC)	There were no issues raised at this time	Nil
Regulators	There were no issues raised at this time	Nil
Registered Training Organisations (RTOs)	There were no issues raised at this time	Nil
Training Boards/Other	There were no issues raised at this time	Nil
State and Territory Training Authorities (STAs)	There were no issues raised at this time	Nil
Unions	There were no issues raised at this time	Nil

Attachment E: List of stakeholders to be contacted as part of the development of the Case for Endorsement

The Case for Endorsement development will involve contacting relevant stakeholders from the following organisations across all states and territories within Australia:

- Industry Reference Committee (IRC) Representatives
- Australian Defence College
- Employers (Non-IRC)
- Unions
- Regulators
- State Training Authorities
- RTOs
- Other/Consultants