



CASE FOR CHANGE – LOGISTICS AND TRAFFIC OPERATIONS

TLI TRANSPORT AND LOGISTICS TRAINING PACKAGE

Transport and Logistics Industry Reference Committee

A. ADMINISTRATIVE INFORMATION

Industry Reference Committee submitting the Case for Change

Transport and Logistics Industry Reference Committee (IRC)

Skills Service Organisation responsible for preparing the Case for Change

Australian Industry Standards Limited (AIS)

Development of the Case for Change

This Case for Change developed by the Transport and Logistics IRC, is focused on, but not limited to, setting out the strategic and evidentiary case (including an analysis of the level of industry support) for reviewing existing TLI Transport and Logistics Training Package products, relevant to:

- TLI32416 Certificate III in Logistics
- TLI42516 Certificate IV in Traffic Operations

The Case for Change was developed in consultation with Transport and Logistics stakeholders. The Case for Change was also developed with consideration of the Training Package Development and Endorsement Process Policy, and outlines the imperatives for change to ensure that the AISC can make decisions on the proposed work, based on robust evidence.

TLI Training Package products listed in Attachment A are proposed for review as part of this Case for Change. This includes:

- Two existing qualifications
- 41 existing Units of Competency

Products reviewed and because of this Case for Change, will be integrated with the wider suite of TLI qualifications, within the next release of the TLI Training Package.

B. THE CASE FOR CHANGE

Drivers for change

TLI32416 - Certificate III in Logistics

This Case for Change is predicated on the following drivers:

1. Utilisation of new technologies in the industry
2. Service expectations of customers
3. To meet the changing skills and knowledge requirements of industry

TLI42516 - Certificate IV in Traffic Operations

1. New and emerging technologies in Traffic Control
2. The impact of traffic congestion on transport enterprises
3. The Impact of Mobile delivery docks and urban consolidation centres being developed

Recommended changes

The Transport and Logistics IRC recommends that the products listed in Attachment A be approved for review, based on the following evidence:

TLI32416 - Certificate III in Logistics

- Provide the skills and knowledge to enable the effective application of new technologies in the workplace
- Digitalisation and advances in technology are changing the nature of work in the Logistics sector
- Specialised computer skills, problem-solving, analytical skills and more sophisticated contract management practices are driving a more integrated approach to logistics management.
- Innovative supply chain practices driven by market competition and customer demand will require agile workforces with the capability to adapt to changing demands and business models.

TLI42516 - Certificate IV in Traffic Operations

- Increase in traffic flow and congestion
- Due to higher security threats, an increase in emergency response action is required to protect the public
- New technologies are being applied in the workplace to reduce traffic congestion

C. INDUSTRY SUPPORT FOR CHANGE

Stakeholder Consultation

Key individual and group stakeholders who were consulted, or provided information in the development of this Case for Change over the period of April 2017 to ??, are listed in Attachment B. The information contained within the Case for Change was made available to the public, industry stakeholders and State Training Authorities for comment and feedback through the Australian Industry Standards website and registered stakeholder communications, over the period [April 2017 to ??insert consultation period(s)]. The Transport and Logistics IRC reviewed and approved this Case for Change on [insert date].

Overview of the issues identified

TLI32416 - Certificate III in Logistics

Existing Units of Competency do not cater for new technology solutions used by industry. Technology is driving the need for higher-order skills, including the ability to effectively manage and operate within ever changing environments. Innovative supply chain practices, driven by market competition and customer demand, will require agile workforces with the capability to adapt to changing demands and business models. This review is considered an imperative to ensure Australian Transport and Logistics businesses remain competitive.

One qualification and 26 existing Units of Competency are to be reviewed to incorporate the required skills and knowledge (materials are listed in attachment A).

TLI42516 - Certificate IV in Traffic Operations

New technology and the impact of traffic congestion is driving the need for higher-order skills including the ability to effectively manage and operate within ever changing traffic environments. Specialised skills, problem-solving and analytical skills, are driving a more integrated approach to traffic operations. The reliance on road transport continues to increase and industry is seeking new and innovative ways to improve efficiency. The impact of traffic congestion on transport enterprises and the road system is significant. Mobile delivery docks and urban consolidation centres are being developed, and along with emerging technologies in Traffic Control, will provide solutions to cope with congestion and demands for lower costs. A review will address the specific skills and knowledge needed to manage and improve congestion issues and drive efficiency through the implementation of innovative approaches.

- **One qualification and 19 existing Units of Competency** are to be reviewed to incorporate the required skills and knowledge (materials are listed in attachment A).

Issues and sensitivities

There are no residual issues identified by the Transport and Logistics IRC that have not been addressed within this Case for Change. Feedback was received during the consultation period that expressed support for the proposed Case for Change, with no dissenting views raised to the Transport and Logistics IRC for consideration.

D. IMPACTS OF CHANGE

TLI32416 - Certificate III in Logistics and TLI42516 - Certificate IV in Traffic Operations

Workforce

The TLI32416 Certificate III in Logistics and TLI42516 Certificate IV in Traffic Operations incorporates the technologies and processes used by workers in the Transport and Logistics industry.

The Transport and Logistics industry is a cornerstone of Australia's economy, moving freight and passengers around a large country. The industry employs more than 492,000 people and the workforce is predicted to grow 4.5 percent by 2022.

Registered Training Organisations (RTO's) may need to apply to have this qualification added to their scope of registration. They will also need to make changes to their training and assessment strategies, and learning resources.

Qualification	2014	2015	2016
TLI32416 - Certificate III in Logistics	n/a	n/a	435
TLI32410 - Certificate III in Logistics *	10463	12222	6172
TLI31107 - Certificate III in Transport and Logistics (Logistics Operations) *	13	0	0
TLI42516 - Certificate IV in Traffic Operations	n/a	n/a	NIL
TLI42513 - Certificate IV in Traffic Operations *	25	92	80

*Table 1. Enrolments in two TLI qualifications over the last three years. Qualifications with a * denotes superseded qualification (due to teach out periods or other reasons). Please note, n/a denotes there was no enrolment activity available (qualification wasn't available pre-2016).*

Identified benefits of change

Transport and Logistics stakeholder consultation to date has identified that the proposed changes to TLI Training Package products will result in the following benefits to the Transport and Logistics industry:

- Skilled operators maximising the technology gains incorporated into the operational environment
- Greater use of technology reducing costs in logistic services and creating improved efficiencies
- A more productive and effective workforce to meet industry needs and customer expectations

Identification of risks of not implementing proposed change

TLI32416 Certificate III in Logistics and TLI42516 Certificate IV in Traffic Operations

Transport and Logistic stakeholder consultation to date has identified that not implementing the proposed changes to TLI Training Package products will result in the following risks to the Transport and Logistics industry:

- Higher transport costs to industry
- Slower transport and logistics services to industry
- Slower uptake of technological advancements
- A less effective workforce to meet industry and customer needs
- Potential for non-compliance of freight movements

Proposed approach and estimated timeframes for undertaking development work

Completion of all development work is proposed to be undertaken over the period May 2018 to June 2019. The Transport and Logistics IRC intends to submit a TLI Training Package Release **TBA** Case for Endorsement, with supporting material, for submission to the AISC **before June 2019**.

E. IMPLEMENTING THE COAG INDUSTRY AND SKILLS COUNCIL REFORMS FOR TRAINING PACKAGES

This Case for Change addresses the COAG Industry and Skills Council (CISC) suite of reforms to the Training Package system in response to the Review of Training Packages and Accredited Courses in the following manner:

- Removing obsolete and superfluous qualifications from the training system to make it easier for consumers to find the training relevant to their needs.
 - There is one unit identified for possible deletion: TLIF3063 Administer the implementation of fatigue management strategies
- Making more information available about industry's expectations of training delivery, to training providers to improve their delivery and to consumers, to enable them to make more informed course choices.
 - The CVIG will be updated with additional information to assist RTO's with training delivery. The qualification description and unit application will be updated to ensure the consumer can make a well-informed choice.
- Ensuring the training system better supports individuals, to move easily from one related occupation to another.
 - These intended changes will facilitate movement between the Logistics and Warehousing sectors of the industry.
- Improving the efficiency of the training system by creating units that can be owned and used by multiple industry sectors and housing these units in a 'work and participation bank'.
 - Some reviewed units will become more applicable for other industries. Training Packages that import units from Transport and Logistics qualifications include:
 - AVI Aviation Training Package
 - RII Resources and Infrastructure Industry Training Package
 - CUA Creative Arts and Culture Training Package
 - AMP Australian Meat Processing Training Package
 - MST Textiles, Clothing and Footwear Training Package
 - MSF Furnishing Training Package
 - PPM Pulp & Paper Manufacturing Industry Training Package
 - FWP Forest and Wood Products Training Package
 - AUR Automotive Retail, Service and Repair Training Package
 - MSM Manufacturing Training Package
 - SIT Tourism, Travel and Hospitality Training Package
 - PMC Manufactured Mineral Products Training Package
 - CHC Community Services Training Package

- MAR Maritime Training Package
- AHC Agriculture, Horticulture and Conservation and Land Management Training Package
- PMB Plastics, Rubber and Cablemaking Training Package
- PMA Chemical, Hydrocarbons and Refining Training Package
- HLT Health Training Package
- BSB Business Services Training Package
- Fostering greater recognition of Skill Sets.
 - No skill sets are being developed or reviewed during these reviews.
- Ensuring that accredited courses 'fill the gap' in Training Packages and provide for training courses to be developed as quickly as industry needs them and support niche skill needs.
 - This case for change does not propose a requirement for development of an existing or proposed accredited course.

Industry Reference Committee Signoff

This Case for Change was agreed to by the Transport and Logistics IRC:

Mark McKenzie IRC Chair		12 January 2018
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ATTACHMENT A
TRAINING PACKAGE PRODUCTS
Australian Industry Standards
Contact details: Chief Operating Officer, Australian Industry Standards
Date submitted: 12 January 2018

DEVELOP YEAR		TRAINING PACKAGE CODE	TRAINING PACKAGE NAME	PRODUCT	CODE	TITLE	COMMENTS	REVIEW STATUS	CHANGE REQUIRED
REVIEW – TLI32416 - CERTIFICATE III IN LOGISTICS (QUALIFICATION)									
1	2017-18	TLI	Transport and Logistics	Qualification	TLI32416	Certificate III in Logistics	Incorporation of new skills and knowledge		Review

DEVELOP YEAR		TRAINING PACKAGE CODE	TRAINING PACKAGE NAME	PRODUCT	CODE	TITLE	COMMENTS	REVIEW STATUS	CHANGE REQUIRED
REVIEW – 26 UNITS OF COMPETENCY									
1	2017-18	TLI	Transport and Logistics	Unit of competency	TLIE3004	Prepare workplace documents	Review skill and		Review

DEVELOP YEAR	TRAINING PACKAGE CODE	TRAINING PACKAGE NAME	PRODUCT	CODE	TITLE	COMMENTS	REVIEW STATUS	CHANGE REQUIRED
REVIEW – 26 UNITS OF COMPETENCY								
						knowledge requirements		
2	2017-18	TLI	Transport and Logistics	Unit of competency	TLIK2010	Use info technology devices in the workplace	Review skill and knowledge requirements	Review
3	2017-18	TLI	Transport and Logistics	Unit of competency	TLIP3023	Destroy records	Review skill and knowledge requirements	Review
4	2017-18	TLI	Transport and Logistics	Unit of competency	TLIP3022	Undertake movement of records	Review skill and knowledge requirements	Review
5	2017-18	TLI	Transport and Logistics	Unit of competency	TLIP3021	Undertake disposal program	Review skill and knowledge requirements	Review

DEVELOP YEAR		TRAINING PACKAGE CODE	TRAINING PACKAGE NAME	PRODUCT	CODE	TITLE	COMMENTS	REVIEW STATUS	CHANGE REQUIRED
REVIEW – 26 UNITS OF COMPETENCY									
6	2017-18	TLI	Transport and Logistics	Unit of competency	TLIP3027	Organise freight invoicing and payment	Review skill and knowledge requirements		Review
7	2017-18	TLI	Transport and Logistics	Unit of competency	TLIP3015	Document a records system	Review skill and knowledge requirements		Review
8	2017-18	TLI	Transport and Logistics	Unit of competency	TLIO3016	Apply and monitor workplace security procedures	Review skill and knowledge requirements		Review
9	2017-18	TLI	Transport and Logistics	Unit of competency	TLIO3007	Undertake emergency response action to a security threat	Review skill and knowledge requirements		Review
10	2017-18	TLI	Transport and Logistics	Unit of competency	TLIP3020	Sentence records	Review skill and		Review

DEVELOP YEAR	TRAINING PACKAGE CODE	TRAINING PACKAGE NAME	PRODUCT	CODE	TITLE	COMMENTS	REVIEW STATUS	CHANGE REQUIRED
REVIEW – 26 UNITS OF COMPETENCY								
						knowledge requirements		
11	2017-18	TLI	Transport and Logistics	Unit of competency	TLIP3019	Provide records retrieval service	Review skill and knowledge requirements	Review
12	2017-18	TLI	Transport and Logistics	Unit of competency	TLIP3016	Identify and classify records to be captured	Review skill and knowledge requirements	Review
13	2017-18	TLI	Transport and Logistics	Unit of competency	TLIA3015	Complete receipt/despatch documentation	Review skill and knowledge requirements	Review
14	2017-18	TLI	Transport and Logistics	Unit of competency	TLIA3010	Coordinate goods to bond premises	Review skill and knowledge requirements	Review

DEVELOP YEAR		TRAINING PACKAGE CODE	TRAINING PACKAGE NAME	PRODUCT	CODE	TITLE	COMMENTS	REVIEW STATUS	CHANGE REQUIRED
REVIEW – 26 UNITS OF COMPETENCY									
15	2017-18	TLI	Transport and Logistics	Unit of competency	TLIA3016	Use inventory systems to organise stock control	Review skill and knowledge requirements		Review
16	2017-18	TLI	Transport and Logistics	Unit of competency	TLIA3018	Organise despatch operations	Review skill and knowledge requirements		Review
17	2017-18	TLI	Transport and Logistics	Unit of competency	TLIA3017	Identify products and store to specifications	Review skill and knowledge requirements		Review
18	2017-18	TLI	Transport and Logistics	Unit of competency	TLIA3002	Maintain container/cargo records	Review skill and knowledge requirements		Review
19	2017-18	TLI	Transport and Logistics	Unit of competency	TLIE2007	Use communications systems	Review skill and		Review

DEVELOP YEAR	TRAINING PACKAGE CODE	TRAINING PACKAGE NAME	PRODUCT	CODE	TITLE	COMMENTS	REVIEW STATUS	CHANGE REQUIRED
REVIEW – 26 UNITS OF COMPETENCY								
						knowledge requirements		
20	2017-18	TLI	Transport and Logistics	Unit of competency	TLIE3012	Consolidate manifest documentation	Review skill and knowledge requirements	Review
21	2017-18	TLI	Transport and Logistics	Unit of competency	TLIE3018	Maintain freight records	Review skill and knowledge requirements	Review
22	2017-18	TLI	Transport and Logistics	Unit of competency	TLIA3023	Coordinate stocktakes	Review skill and knowledge requirements	Review
23	2017-18	TLI	Transport and Logistics	Unit of competency	TLIA3019	Organise receival operations	Review skill and knowledge requirements	Review

DEVELOP YEAR		TRAINING PACKAGE CODE	TRAINING PACKAGE NAME	PRODUCT	CODE	TITLE	COMMENTS	REVIEW STATUS	CHANGE REQUIRED
REVIEW – 26 UNITS OF COMPETENCY									
24	2017-18	TLI	Transport and Logistics	Unit of competency	TLIA3024	Organise warehouse records operations	Review skill and knowledge requirements		Review
25	2017-18	TLI	Transport and Logistics	Unit of competency	TLIA3039	Receive and store stock	Review skill and knowledge requirements		Review
26	2017-18	TLI	Transport and Logistics	Unit of competency	TLIA3038	Control and order stock	Review skill and knowledge requirements		Review

DEVELOP YEAR		TRAINING PACKAGE CODE	TRAINING PACKAGE NAME	PRODUCT	CODE	TITLE	COMMENTS	REVIEW STATUS	CHANGE REQUIRED
REVIEW TLI42516 – CERTIFICATE IV IN TRAFFIC OPERATIONS (QUALIFICATION)									
1	2017-18	TLI	Transport and Logistics	Qualification	TLI42516	Certificate IV in Traffic Operations	Incorporation of new technology into the units within the qualification		Review

DEVELOP YEAR		TRAINING PACKAGE CODE	TRAINING PACKAGE NAME	PRODUCT	CODE	TITLE	COMMENTS	REVIEW STATUS	CHANGE REQUIRED
REVIEW – 19 UNITS OF COMPETENCY									
1	2017-18	TLI	Transport and Logistics	Unit of competency	TLIF4007	Implement and coordinate accident-emergency procedures	Update unit		Review
2	2017-18	TLI	Transport and Logistics	Unit of competency	TLIF4069	Monitor and respond to traffic flow	Update unit		Review

DEVELOP YEAR		TRAINING PACKAGE CODE	TRAINING PACKAGE NAME	PRODUCT	CODE	TITLE	COMMENTS	REVIEW STATUS	CHANGE REQUIRED
REVIEW – 19 UNITS OF COMPETENCY									
3	2017-18	TLI	Transport and Logistics	Unit of competency	TLIE3023	Use electronic communication systems	Update unit		Review
4	2017-18	TLI	Transport and Logistics	Unit of competency	TLIK2010	Use info technology devices in the workplace	Update unit		Review
5	2017-18	TLI	Transport and Logistics	Unit of competency	TLIF3013	Coordinate breakdowns and emergencies	Update unit		Review
6	2017-18	TLI	Transport and Logistics	Unit of competency	TLIU1009	Monitor plant and equipment in an environmentally sustainable manner	Update unit		Review
7	2017-18	TLI	Transport and Logistics	Unit of competency	TLIF5020	Manage emergencies	Update unit		Review

DEVELOP YEAR		TRAINING PACKAGE CODE	TRAINING PACKAGE NAME	PRODUCT	CODE	TITLE	COMMENTS	REVIEW STATUS	CHANGE REQUIRED
REVIEW – 19 UNITS OF COMPETENCY									
8	2017-18	TLI	Transport and Logistics	Unit of competency	TLIB2001	Check and assess operational capabilities of equipment	Update unit		Review
9	2017-18	TLI	Transport and Logistics	Unit of competency	TLIU3014	Operate vehicle in an environmentally sustainable manner	Update unit		Review
10	2017-18	TLI	Transport and Logistics	Unit of competency	TLIO3007	Undertake emergency response action to a security threat	Update unit		Review
11	2017-18	TLI	Transport and Logistics	Unit of competency	TLIO3012	Manage disruptive and/or unlawful behaviour	Update unit		Review
12	2017-18	TLI	Transport and Logistics	Unit of competency	TLIO3016	Apply and monitor workplace security procedures	Update unit		Review
13	2017-18	TLI	Transport and Logistics	Unit of competency	TLIE2007	Use communications systems	Update unit		Review

DEVELOP YEAR		TRAINING PACKAGE CODE	TRAINING PACKAGE NAME	PRODUCT	CODE	TITLE	COMMENTS	REVIEW STATUS	CHANGE REQUIRED
REVIEW – 19 UNITS OF COMPETENCY									
14	2017-18	TLI	Transport and Logistics	Unit of competency	TLIE2008	Process workplace documentation	Update unit		Review
15	2017-18	TLI	Transport and Logistics	Unit of competency	TLIE3004	Prepare workplace documents	Update unit		Review
16	2017-18	TLI	Transport and Logistics	Unit of competency	TLIA4005	Check and evaluate records and documentation	Update unit		Review
17	2017-18	TLI	Transport and Logistics	Unit of competency	TLIF3085	Apply local incident response procedures	Update unit		Review
18	2017-18	TLI	Transport and Logistics	Unit of competency	TLIF4108	Implement traffic management plan in the transport industry	Update unit		Review
19	2017-18	TLI	Transport and Logistics	Unit of competency	TLIF2006	Apply accident-emergency procedures	Update unit		Review

Attachment B

NATIONAL CONSULTATION

State Training Authorities

NAME	ORGANISATION	METHOD AND SCALE OF CONSULTATION
Guy Valentine	Department of Education, Training and Employment - Skills Investment and Market Strategy	Email and provided draft Case for Change
Liam White	Education & Training, ACT Government	Email and provided draft Case for Change
Lisa Barron	Department of Training and Workforce Development	Email and provided draft Case for Change
Lucinda Pita	Department of Training and Workforce Development	Email and provided draft Case for Change
Nelson Brown	Department of Trade, Business and Innovation	Email and provided draft Case for Change
Marina Borrello	Skills and Employment – Department of State Development	Email and provided draft Case for Change
Lee Carter	Department of Education and Training	Email and provided draft Case for Change
Linda Seaborn	Skills Tasmania, Department of State Growth	Email and provided draft Case for Change
Bec Evans	Skills Tasmania, Department of State Growth	Email and provided draft Case for Change
Susan Bearfield	Department of Industry	Email and provided draft Case for Change
Son Ly	Department of Industry	Email and provided draft Case for Change

Industry Training Advisory Board

NAME	ORGANISATION	METHOD AND SCALE OF CONSULTATION
Terry Lawler	Industry Skills Advisory Council, NT (ISACNT)	Email and provided draft Case for Change
Romana Hutchinson	TDT South Australia	Email and provided draft Case for Change
Jillian Dielesen	Logistics Training Council (LTC) WA	Email and provided draft Case for Change
Siobhan McCarville	TLI Connect QLD	Email and provided draft Case for Change
Debbie Joyce	Automotive Training Board (Transport & Logistics Industry Skills Council NSW ITAB)	Email and provided draft Case for Change
Ken Brennan	Transport Industries Skills Council (TISC) ACT	Email and provided draft Case for Change

Transport and Logistics Industry

NAME	ORGANISATION	METHOD AND SCALE OF CONSULTATION
Cathi Payne	Payne Haulage	IRC meetings, Email and provided draft Case for Change
Craig Guthrie	BORAL	IRC meetings, Email and provided draft Case for Change
Greg Lipscombe	Linfox Logistics	IRC meetings, Email and provided draft Case for Change
Julie Russell	Australian Trucking Association	IRC meetings, Email and provided draft Case for Change
Lindsay Eisemann	Origin Energy	IRC meetings, Email and provided draft Case for Change
Lynda Douglas	Department of Defence	IRC meetings, Email and provided draft Case for Change

Mark McKenzie	ACAPMA	IRC meetings, Email and provided draft Case for Change
Matt Threlked	BusNSW	IRC meetings, Email and provided draft Case for Change
Michael Kilgariff	Australian Logistics Council	IRC meetings, Email and provided draft Case for Change
Neville Johnstone	DP World Australia	IRC meetings, Email and provided draft Case for Change
Peter Anderson	Victorian Transport Association	IRC meetings, Email and provided draft Case for Change
Umme Hoque	Transport Workers Union of Australia	IRC meetings, Email and provided draft Case for Change
Warren Smith	Maritime Union of Australia	IRC meetings, Email and provided draft Case for Change
Peter Nemtsas	Transport and Logistics consultant	Phone, Email Face to face
Jillian Dielesen	Logistics Training Council	Phone, Email Face to face

Public Stakeholders

NAME	ORGANISATION	METHOD AND SCALE OF CONSULTATION
General Public	Request for public feedback	AIS website and registered stakeholder alerts over [INSERT PERIOD]