

Safety Management System

Rail Safety Worker Competence

Document ARHS-SMS-24

SteamRanger Heritage Railway Safety Management System Rail Safety Worker Competency Document No Revision No: Issue Date: Page No: ARHS-SMS-24 2.0 August 25, 2020

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1.0 PURPOSE OF THIS DOCUMENT

This document outlines the manner in which the SteamRanger Heritage Railway (SHR) will comply with the Rail Safety National Law (RSNL), Section 117-Assessment of Competence.

2.0 INTRODUCTION

SHR has an obligation under the RSNL to ensure that each rail safety worker who is to carry out rail safety work in relation to railway operations has the competence to carry out that work.

In addition, SHR has an obligation under the RNSL and Rail Safety National Law National Regulations (RSNLNR) to maintain records of the competence of rail safety workers who carry out rail safety work on, or in relation to, SHR's rail infrastructure or rolling stock.

The definitions of terms and acronyms used throughout this document are contained in Appendix A, at the rear of this document.

3.0 SCOPE AND APPLICATION

This procedure applies to all SHR workers who undertake rail safety work on behalf of SHR, for all activities for which SHR is accredited to conduct.

For the purpose of this document, the term "worker" applies to rail safety workers, be they volunteer, employed or contracted workers.

3.1 Rail Safety Work

The meaning of Rail Safety Work is defined in Section 8 of the RSNL as:

- (a) driving or dispatching rolling stock or any other activity which is capable of controlling or affecting the movement of rolling stock;
- (b) signaling (and signaling operations), receiving or relaying communications or any other activity which is capable of controlling or affecting the movement of rolling stock
- (c) coupling or uncoupling rolling stock;
- (d) maintaining, repairing, modifying, monitoring, inspecting or testing—
 - (i) rolling stock, including checking that the rolling stock is working properly before being used; or
 - (ii) rail infrastructure, including that the rail infrastructure is working properly before being used;
- (e) installation of components in relation to rolling stock;
- (f) work on or about rail infrastructure or associated works or equipment that places, or may place, the person performing the work at risk of exposure to moving rolling stock;
- (g) installation or maintenance of—
 - (i) a telecommunications system relating to rail infrastructure or used in connection with rail infrastructure; or
 - (ii) the means of supplying electricity directly to rail infrastructure, any rolling stock using rail infrastructure or a telecommunications system;
- (h) work involving certification as to the safety of rail infrastructure or rolling stock or any part or component of rail infrastructure or rolling stock;

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(i) work involving the decommissioning of rail infrastructure or rolling stock or any part or component of rail infrastructure or rolling stock;

- (j) work involving the development, management or monitoring of safe working systems for railways;
- (k) work involving the management or monitoring of passenger safety on, in or at any railway.

Workers who carry out the tasks outlined above are defined as Rail Safety Workers.

3.2 Competence

Rail safety workers who carry out rail safety work must be competent to carry out that work. Competence is defined as:

"The ability to repeatedly and consistently perform a task to the requirements of the standard described in a training package relating to specific industry functions."

A rail safety workers competence to perform a task is demonstrated during an on-job competency assessment.

An off-job knowledge assessment may precede the on-job assessment in order to determine that a rail safety worker has a sufficient level of understanding of the subject matter.

4.0 TRAINING AND ASSESSMENT PROCESS

Training and assessment of competence for rail safety workers on SHR is competency-based.

Competency-based training makes certain assumptions about the training and assessment process:

- (a) training and and assessment for all tasks must be performed against a standard, published, documented performance criteria for that task;
- (b) no minimum or maximum period of training applies the time taken for a learner to develop a skill is determined by the learner;
- (c) an assessment of a worker's subject knowledge or competence to perform a task may be conducted only when the learner is prepared and confident to undertake it;
- (d) the learner must be provided with an adequate opportunity to consolidate theoretical knowledge learned about a subject, through workplace application;
- (e) adequate mentoring must be provided during the period of on-job consolidation;
- (f) an assessment of knowledge or competence shall be confined to the published, documented, standard performance criteria only, and nothing else;
- assessors must not allow personal preferences, likes and dislikes, biases or personality issues to detract from their mandate to assess against the published, documented, standard performance criteria;
- (h) workers may appeal an assessment outcome, and request re-assessment by (wherever possible) a different assessor.

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4.1 Attainment of Knowledge

The attainment of the underpinning knowledge required to perform a task will be achieved through study carried out by the learner, followed by a formal assessment of a learner's understanding of such knowledge.

SteamRanger shall provide specific information and where appropriate, formal off-job instruction to workers, in specialised topics such as equipment operation, technical knowledge and railway safeworking.

Study materials shall be provided, based on specific SteamRanger requirements, standard industry practice, original equipment manufacturers instructions, or a combination of these factors.

4.2 Task Performance Expectations

As outlined above, the performance all tasks must be assessed against standard, published, documented performance criteria.

Where a recognised industry-recognised Unit of Competency exists, SteamRanger will apply that Unit of Competency for the training and assessment of workers in the performance of the applicable tasks.

For example, a worker required to shunt rolling stock shall be trained and assessed against applicable Units of Competency, including, but not limited to:

- TLIC3017 Shunt rolling stock
- TLIC4074 Shunt, couple and uncouple rail vehicles
- TLIF3058 Apply safeworking rules and regulations to rail functions
- TLIF2080 Safely access the rail corridor
- TLIB2122 Apply awareness of fundamentals of rail operations in yards or sidings
- TLIW3026 Operate stand alone signalling & point control equipment
- TLIE2007 Use communications systems
- TLIF2010 Apply Fatigue Management Strategies
- TLIB3019 Test train braking system

The selected units of competency for each qualification is detailed in section 5.1.

5.0 ALIGNMENT WITH INDUSTRY QUALIFICATIONS

SHR shall align training and assessment of workers, so far as is reasonably practicable, against applicable industry qualifications, as described in the Transport and Logistics Industry Skills Council (TLISC) Training Package.

The performance of specific SteamRanger practices, policies and procedures shall be assessed in addition to the requirements of the TLISC competencies.

SteamRanger-specific requirement shall not prevail above those stipulated within any qualification or unit of competency, but shall be assessed in addition.

The TLI Training Package contains many performance criteria that refers to the conduct of tasks "in accordance with organisational procedures or workplace requirements".

The specific contextualised requirements of SteamRanger procedures satisfies the "organisational procedures" element where outlined in the TLI Training Package.

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The Certificate-Level industry qualifications against which SHR training shall be aligned includes the following:

- TLI 21315 Certificate II in Rail Infrastructure
- TLI 22115 Certificate II in Rail Track Vehicle Driving
- TLI 22315 Certificate II in Rail Customer Service
- TLI 22015 Certificate II in Shunting
- TLI 33115 Certificate III in Rail Customer Service
- TLI 33015 Certificate III in Heritage Locomotive Assistant or Steam Locomotive Fireman
- TLI 42615 Certificate IV in Train Driving
- TLI 42215 Certificate IV in Rail Network Control

Additional qualifications are used from time to time, including qualifications and units of competencies from other training packages, such as (for example) the Agriculture, Horticulture and Conservation and Land Management Training Package, for Unit of Competency AHCARB205A - Operate and maintain chainsaws.

Tourist and Heritage sector training courseware developed by peer organisations, and the Association of Tourist and Heritage Rail, Australia (ATHRA) are also utilised as appropriate.

5.1 **Unit of Competency Matrix**

C = Core Unit of Competency EA = Group A Elective Unit of Competency EB = Group B Elective Unit of Competency EC = Group C Elective Unit of Competency ED - Group D Elective Unit of Competency EE - Group D Elective Unit of Competency EG = General Elective Unit of Competency	TLI 21315 - Cert II in Rail Infrastructure	TLI 22115 - Cert II in Rail Track Vehicle Driving	TLI 22315 - Cert II in Rail Customer Service	TLI 22015 - Cert II in Shunting	TLI 33115 - Cert III in Rail Customer Service	TLI 33015 - Cert III in Heritage Locomotive Assistant or Steam Locomotive Fireman	TLI 42615 - Cert IV in Train Driving	TLI 42215 - Cert IV in Rail Network Control
TLIB1024 - Clean transportation units and facilities for passenger use			EG					
TLIB1028 - Maintain and Use Hand Tools	С							
TLIB2001 - Check and assess operational capabilities of equipment		EG				EG		
TLIB2085 - Apply track fundamentals	EA							
TLIB2091 - Measure and record track geometry	EG							
TLIB2092 - Operate minor mechanical equipment	EA							
TLIB2121 - Maintain rail joints	EG							
TLIB2122 - Apply awareness of fundamentals of rail operations in yards or sidings				С				
TLIB2130 - Diagnose and rectify minor faults on on-track vehicles		EG						
TLIB2131 - Prepare train				EG				
TLIB2133 - Test medium heavy track vehicle braking system		EG						
TLIB3019 - Test train braking system				EG				
TLIB3021 - Conduct train roll-by inspection				EG		EG		
TLIB3075 - Inspect and prepare a motive power unit							С	
TLIB3118 - Apply awareness of railway fundamentals			С		С		С	EG
TLIB3123 - Apply awareness of motive power unit fundamentals						EA	EE	
TLIB3124 - Apply awareness of steam locomotive fundamentals						EB	ED	

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		6						
C = Core Unit of Competency		Orivin	ice		iice	ive		rol
EA = Group A Elective Unit of Competency	sture	TJ 22115 - Cert II in Rail Track Vehide Driving	П.I 22315 - Cert II in Rail Customer Service		П.I 33115 - Cert III in Rail Customer Service	TJ 33015 - Cert III in Heritage Locomotive Assistant or Steam Locomotive Fireman		TLI 42215 - Cert IV in Rail Network Control
EB = Group B Elective Unit of Competency	ıstruc	k Vel	omei	_	tome	e Loca ve Fir	riving	work
EC = Group C Elective Unit of Competency	I Infra	I Trac	I Cust	ınting	il Cus	ritag	ain D	iil Net
ED - Group D Elective Unit of Competency	in Rai	in Rai	in Rai	in Shu	in Ra	in He 1 Locc	in Tr	in Ra
EE - Group D Elective Unit of Competency	ert II.	ert II i	ert II .	ert II i	ert III	ert III team	ert IV	ert IV
EG = General Elective Unit of Competency	TLI 21315 - Cert II in Rail Infrastructure	15 - C	15 - 6	TLI 22015 - Cert II in Shunting	15 - 6	15 - C nt or S	TL! 42615 - Cert IV in Train Driving	15 - C
, , , , , , , , , , , , , , , , , , , ,	, 213:	221:	, 223;	, 220;	331	ı 330; sistar	426	422
	72'	71'	72'	72	72'	TL. As.	π,	71.
TLIB3126 - Assist in the testing of heritage train braking systems						С		
TLIB4076 - Inspect and prepare a heritage motive power unit							EE	
TLIB4077 - Inspect and prepare a heritage steam locomotive								
TLIB4079 - Conduct a general train examination							EG	
TLIB4080 - Identify, diagnose and rectify minor faults on motive power units and rolling stock							С	
TLICO083 - Access rail track to travel track vehicle under a proceed authority		EG						
TLIC2054 - Access rail track to run track vehicle within defined worksite		EG						
TLIC2075 - Drive and monitor medium or heavy self-propelled on-track equipment		с						
TLIC2076 - Establish and operate braking system on medium heavy self-propelled on- track equipment		с						
TLIC2078 - Identify and respond to signals and trackside signs		С					С	
TLIC2080 - Start up, shut down and stable medium/heavy self-propelled on-track equipment		с						
TLIC3017 - Shunt rolling stock				С		EG		
TLIC3028 - Operate and monitor a heritage motive power unit							EE	
TLIC3029 - Stable a heritage motive power unit							EE	
TLIC3030 - Operate and monitor a heritage steam locomotive							ED	
TLIC3072 - Conduct the duties of an assistant on a heritage locomotive						EA		
TLIC3073 - Fire a Steam Locomotive						EB		
TLIC3031 - Stable a heritage steam locomotive							ED	
TLIC4019 - Drive train to operational requirements -							EG	
TLIC4023 - Operate train with due consideration of route conditions							С	
TLIC4026 - Operate and monitor a motive power unit							С	
TLIC4074 - Shunt, couple and uncouple rail vehicles							EG	
TLID1001 - Shift Materials Safely Using Manual Handling Methods	_					_	EG	
TLIE1001 - Sinjt Waterials Sujery Osing Manadi Handing Methods TLIE1003 - Participate in basic workplace communication	С		EG			С		
	С	С	С	С				
TLIS2007 - Use communications systems			С	С			С	
TLIE2008 - Process workplace documentation			С	EG		с	EG	
TLIE3022 - Complete workplace documents					С			С
TLIE3023 - Use electronic communications systems							_	С
TLIF0004 - Work effectively in a train-driving environment							С	
TLIF0008- Apply safety critical communications in the rail environment	_	_	_	EG			_	
TLIF1001 - Follow Work Health and Safety Procedures	С	С	С				С	
TLIF2006 - Apply accident-emergency procedures		EG	EG	С		С		
TLIF2010 - Apply Fatigue Management Strategies	С	С		С	EG	С	С	С
TLIF2080 - Safely Access the Rail Corridor	С	С	EG	С	EG	EG		
TLIF2106 - Respond to emergencies and abnormal situations when driving medium heavy on-track vehicles		с						
TLIF3003 - Implement and monitor work health and safety procedures					С			
TLIF3058 - Apply safeworking rules and regulations to rail functions					EG	С	С	
TLIF3085 - Apply local incident response procedures				EG	с			
TLIF3087 - Follow work health and safety, and environmental procedures in the rail industry				с		с		с
TLIF4110 - Respond to abnormal situations and emergencies when driving a train							С	
TLIF4086 - Control and coordinate incident responses								с

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C = Core Unit of Competency EA = Group A Elective Unit of Competency EB = Group B Elective Unit of Competency EC = Group C Elective Unit of Competency ED - Group D Elective Unit of Competency EE - Group D Elective Unit of Competency EG = General Elective Unit of Competency	TLI 21315 - Cert II in Roil Infrastructure	TLI 22115 - Cert II in Rail Track Vehicle Driving	TLI 22315 - Cert II in Rail Customer Service	TLI 22015 - Cert II in Shunting	TLI 33115 - Cert III in Rail Customer Service	11) 33015 - Cert III in Heritage Locomotive Assistant or Steam Locomotive Fireman	TLI 42615 - Cert IV in Train Driving	TLI 42215 - Cert IV in Rail Network Control
activities								С
TLIG1001 - Work effectively with others	EG		С				EG	С
TLIG3003 - Apply positive behaviours in the workplace					с			
TLII2020 - Provide assistance to customers with specific needs			С					
TLII3022 - Provide customer service in rail operations			С					
TLII4022- Identify and meet customer requirements								С
TLIJ3002 - Apply quality systems					С			
TLIL4074 - Control and coordinate rail traffic movement								С
TLIL4075 - Implement and amend daily train plan								С
TLIL4034 - Arrange alternative passenger transport								EG
TLIL4037 - Apply and amend rosters								EG
TLIL4077 - Develop out-of-course rail traffic plans and schedules								EG
TLIO2011 - Provide revenue protection measures					EG			
TLIS2030 - Carry out track ballasting	EA							
TLIS2031 - Install railway sleepers	EA							
TLIS2034 - Install and repair rail fastening systems	EA							
TLIS2044 - Carry out rail installation	EA							
TLIU2008 - Apply environmental procedures to rail infrastructure	С	С						
TLIW2001 - Operate Under Track Protection Rules	EG	С						
TLIW3026 - Operate stand alone signalling & point control equipment				С		с		
TLIW2041 - Clip points and apply rail safety equipment				EG				
BSBCUS201 - Deliver a service to customers					С			
SITXCOM401 - Manage conflict					С			
CHCCCS020 - Respond effectively to behaviours of concern			EG					
BSBWOR301 - Organise personal work priorities and development								EG
BSBWRT301 - Write simple documents								EG

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Signal Maintenance & Construction 5.2

SHRI-004-WPQA-07 Competency Matrix

POSITION TITLE	TASKS AND COMPONENTS	COMPETENCIES	NOTES/CLARIFICATIONS
Fitter's Assistant			
		SHR Track Safety Awareness	
	Use non motor operated hand tools	TLIE1003A Participate in basic workplace communication	TLIE1003A & TLIF1001A embedded via Track Safety Awareness and Induction.
	and equipment to assist in signal	TLIF1001A Follow Occupational health and safety procedures	Note also a Fitter's Assistant may not have all competencies provided they are supervised by a Signal Maintainer or Electrical Fitter.
	maintenance/installation processes	TLIB1028A Maintain and use hand tools	supervised by a signal maintainer of electrical received
		SHR Introduction to Signalling	AN Training Document
Signal Maintainer		Competencies as for Fitter's Assistant plus the following:	
oignar maintainer		SHR Railway Safeworking	
		Embedded units:	
	Base Competencies	TLIF2062A Apply awareness of safeworking rules and regulations	
		TLIW2001A Operate under track protection rules	
		Rail Safety Worker Medical Category 1 (for on track vehicles)	
		HLTCPR211A Perform CPR	
	Senior First Aid	HLTFA211A Provide basic emergency life support	
	Semen Tilse Tild	HLTFA311A Apply First Aid	
	Worksite Management Practice:	, , , , , , , , , , , , , , , , , , ,	
	Worksite Wanagement Fractice.	TLIE1003A Participate in basic workplace communication	
	(embedded in learning on the job		TLIE1003A & TLIF1001A embedded and completed at Fitter's Assistant level.
		TLIF1001A Follow occupational health and safety procedures	
	from experienced Signal Maintainer or Electrical Fitter in heritage rail	TUB1001A Chack and access apprational capabilities of aguinment	
	environment. Standard work	TLIB1001A Check and assess operational capabilities of equipment TLIU2008A Apply environment procedures to rail infrastructure	
	procedures apply to these tasks)		SOD I WILLS '
	procedures apply to these tasks)	TLIB2092A Operate minor mechanical equipment	SOPs under WHS requirements
		TLIE2008A Process workplace documentation	
	Circul Maria tarana and Branchina	CHD Classification and accompany	ANIT-1-1 Beauty and
	Signal Maintenance Practice:	SHR Signalling Relays	AN Training Document
		SHR Introduction to DC Track Circuits	AN Training Document
		TLIS2004A Install & Maintain Rail Bonding systems	TURBOACA Consideration of the state of the s
		TLIB3047A Repair and adjust mechanical signal equipment and	TLIB3046A Service and repair mechanical signal equipment is
		infrastructure	embedded in SHR Environment
	Consists of all routine tasks in	HEENEENIA OZA I notell O Marintein active level avascina accidental	Framework used to deliver two SHR signal maintenance practice
	accordance with SHR Work	UEENEEN107A Install & Maintain active level crossing equipment	competencies - not Apprentice Environment
	Procedures and Maintenance	SHR Signal Maintenance Practice Competency : Level Crossings &	Covers Instructions: MI01 - MI10; MI33 - MI45
	Instructions (MI) contained within	Enclosures Maintenance Instructions [SHR-006-CM-SIGNALS-A]	
	SHRI-004-WPST-01 Signal	SHR Signal Maintenance Practice Competency : Points, Signals,	Covers Instructions: MI31-MI32; MI25-MI27; MI16-MI17 & MI43;
	Maintenance Handbook.	Batteries & Power Supply Equipment [SHRI-006-CM-SIGNALS-B]	MI13-MI15 & MI46; MI11-MI12
		TLIC2041A Operate self-propelled equipment on track	
		Hyrail / Road-Rail vehicles (TWCU03.1.1)	
		Section cars (TWCU03.1.2)	
		Motor Inspection Car (TWCU03.1.3)	
Linesman		All competencies for Fitter's Assistant and some Signal Maintainer	
	to an action and Maintenance of	competencies: Base Competencies, Senior First Aid plus optional	
	Inspection and Maintenance of	TLIC2041A	
	railway pole line & associated	TLIB3058A Maintain aerial signal/telecommunications lines and	Framework used to deliver SHR Linesman's Handbook theory.
	infrastructure	cables.	Practice on the job training on physical pole line infrastructure.
Electrical Fitter		All name at a size for Fitterio Assistant and Cinnal Mariety Consul	
Licetifical Fitter	Performs inspections, installations	All competencies for Fitter's Assistant and Signal Maintainer for rail	
	of signal equipment and AS3000	environment in accordance with SHR Policies and Work Procedures	
	compliant installations	RPL recognised on account of Apprentice Trade Training - Class A	
		Electrical Worker's Licence	

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5.3 Track Maintenance & Construction

SHRI-004-WPQA-06 Competency Matrix

POSITION TITLE	TASKS AND COMPONENTS	COMPETENCIES	NOTES/CLARIFICATIONS
Track Labourer			
	Use non motor operated hand tools	SHR Track Safety Awareness	1
	ose non motor operated name tools	TLIE1003A Participate in basic workplace communication	TLIE1003A & TLIF1001A embedded via Track Safety Awareness and Induction.
	and civil maintenance/upgrading	TLIF1001A Follow Occupational health and safety procedures	Note also a Track Labourer may not have all competencies provided they are
	process	TLIB1028A Maintain and use hand tools	supervised by a Track Maintainer or Supervisor.
	process	TEIBIOZOA Waintain and use nand tools	
		Commenter size we far Tunel I also were also the fallowing	
Track Maintainer	Dana Cammatanaina	Competencies as for Track Labourer plus the following: SHR Railway Safeworking	
	Base Competencies	Rail Safety Worker Medical Category 1	
		HLTCPR211A Perform CPR	
	Contact Flort Aid		
	Senior First Aid	HLTFA211A Provide basic emergency life support	
	Wallatin Manager Branding	HLTFA311A Apply First Aid	
	Worksite Management Practice:		
		TLIE1003A Participate in basic workplace communication	TLIE1003A & TLIF1001A embedded and completed at Track Labourer level.
	(embedded in learning on the job	TLIF1001A Follow occupational health and safety procedures	TELEGOSTIC TELEGOSTIC TOPOLOGICA COMPLETE OF THE CONTROL TOPOLOGICA
	from experienced Track Maintainer		
	or Inspector in heritage rail	TLIB1001A Check and assess operational capabilities of equipment	
	environment. Standard work	TLIU2008A Apply environment procedures to rail infrastructure	
	procedures apply to these tasks)	TLIB2092A Operate minor mechanical equipment	SOPs under WHS requirements
		TLIE2008A Process workplace documentation	
	Track Maintenance Practice:	TLIB2085A Apply track fundamentals	
		TWCU04.1 Maintain Track	
		TWCU04.1 Maintain track incorporates the following:	
		TLIS2034A Install & repair rail fastening systems	
	Consists of all routine tasks in	TLIB2121A Maintain rail joints	
	accordance with SHR Work Procedure TMT-01 Track Maintainer's Handbook and Track and Civil COPs.	TLIS2044A Carry out rail installation	
		TLIS2031A Install railway sleepers	Will need to review as new type materials come into use
		TLIB3094B Check and repair track geometry	TWCU04.3 Maintain track geometry
		TLIC2041A Operate self-propelled equipment on track	
		Hyrail / Road-Rail vehicles (TWCU03.1.1)	Civil drivers licence for the appropriate vehicle also required
		Section cars (TWCU03.1.2)	
		Motor Inspection Car (TWCU03.1.3)	
	Track Surfacing Practice:	,	
		TWCU03.2 Operate heavy on track plant	
	Operate heavy on track plant for	Gemco	
	spot tasks or project planned work		
	spot tasks of project planned work	Tractor Tamper	
		Electromatic Spot Tamper	
		TLIW2032A Principles of tamping machine operations	The following competencies are required to be used in conjunction: TLIB2085A; TLIB2091A
	Tamper Operator	Internal SHR Operators assessment and Competency Log to	Doc SHR-T&A-LOG-001 to be used where practicable
		validate competent operations for tamper Electromatic Mark II E-	
		TD production tamper	
	Pallact Perulates Occurre	·	
	Bullast Regulator Operator	TWCU03.2.2 Operate heavy on track plant - Ballast Regulator	
Length Runner		All competencies for Track Labourer and Track Maintainer plus the	
(ATHRA Track		following	
Patrolman Unit Set)		TLIB3100A Visually inspect track infrastructure	
	Wookly track patral inconsting for a		
	Weekly track patrol inspections for a	TLIC3045A Operate road/rail vehicle (TWCU03.1.1)	Competency only required if this form of vehicle required for task
	given section of railway, conducted in	TLIB3099A Examine track infrastructure	
	accordance with SHR Work	Embedded units:	
	Procedures.	TLIF2062A Apply awareness of safeworking rules and regulations	Covered by SHR Safeworking Competency
		TEL 2002A Apply awareness of saleworking rules and regulations	covered by Still Saleworking competency
		TLIW2001A Operate under track protection rules	Covered by SHR Safeworking Competency

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Track Inspector &		All competencies for Track Labourer, Track Maintainer and Length	
Track Work		Runner plus the following:	
Supervisor (ATHRA		TLIB3099A Examine track infrastructure	TWCU05.1 Existing SHR Competency
Track Inspector & Work Supervisor Unit Set)		TLIB2091 Measure and record Track Geometry (SHR unit TWCU05.2)	
		TLIS3041A Construct timber-composite points and crossings	Need to review the competency paperwork for this and add to ATHRA unit plan
		TLIB4042A Conduct inspection of safeworking procedures and infrastructure	
		TLIS3026A Implement track maintenance and construction	
	Performs certification of track work,	TLIG4006A Facilitate work teams	
	inspections for work planning and	TLIP4001A Develop plans to meet customer and organisation	
	detailed track infrastructure analysis	needs	
	actuned track infrastracture analysis	Embedded units:	
		TLIE2001A Present routine workplace information	
		TLIE2007A Use communication systems	Also covered by SHR Safeworking Competency
		TLIE4006A Collect, analyse and present workplace data and information	
		TLIF4014A Develop and maintain safe workplace	Job Start/Finish process form
		TLIL4005A Apply conflict/grievance resolution strategies	
		TUU4001A Implement and monitor environmental protection policies and procedures	
		TLIB3095A Check and repair points and crossings	

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5.4 Qualification Flow Chart

