



POSITION TITLE	TASKS AND COMPONENTS	COMPETENCIES	NOTES/CLARIFICATIONS	
Fitter's Assistant	Use non motor operated hand tools and equipment to assist in signal maintenance/installation processes	SHR Track Safety Awareness	TLIE1003A & TLIF1001A embedded via Track Safety Awareness and Induction. Note also a Fitter's Assistant may not have all competencies proved they are supervised by a Signal Maintainer or Electrical Fitter.	
		TLIE1003A Participate in basic workplace communication		
		TLIF1001A Follow Occupational health and safety procedures		
		TLIB1028A Maintain and use hand tools		
		SHR Introduction to Signalling		Need to update AN Training Document
Signal Maintainer	Base Competencies	Competencies as for Fitter's Assistant plus the following:		
		SHR Railway Safeworking		
		Embedded units:		
		TLIF2062A Apply awareness of safeworking rules and regulations		
		TLIW2001A Operate under track protection rules		
		Rail Safety Worker Medical Category 1 (for on track vehicles)		
	Senior First Aid	HLTCPR211A Perform CPR		
		HLTFA211A Provide basic emergency life support		
		HLTFA311A Apply First Aid		
	Worksite Management Practice: (embedded in learning on the job from experienced Signal Maintainer or Electrical Fitter in heritage rail environment. Standard work procedures apply to these tasks)	TLIE1003A Participate in basic workplace communication	TLIE1003A & TLIF1001A embedded and completed at Fitter's Assistant level.	
		TLIF1001A Follow occupational health and safety procedures		
		TLIB1001A Check and assess operational capabilities of equipment		
		TLIU2008A Apply environment procedures to rail infrastructure		
		TLIB2092A Operate minor mechanical equipment		SOPs under WHS requirements
		TLIE2008A Process workplace documentation		
	Signal Maintenance Practice: Consists of all routine tasks in accordance with SHR Work Procedures and Maintenance Instructions (MI) contained within SHRI-004-WPST-01 Signal Maintenance Handbook.	SHR Signalling Relays	Need to update AN Training Document	
		SHR Introduction to DC Track Circuits	Need to update AN Training Document	
		TLIS2004A Install & Maintain Rail Bonding systems		
		TLIB3047A Repair and adjust mechanical signal equipment and infrastructure	TLIB3046A Service and repair mechanical signal equipment is embedded in SHR Environment	
		UEENEEN107A Install & Maintain active level crossing equipment	Framework used to deliver two SHR signal maintenance practice competencies - not Apprentice Environment	
		SHR Signal Maintenance Practice Competency : Level Crossings & Enclosures Maintenance Instructions [SHR-006-CM-SIGNALS-A]	Covers Instructions: MI01 - MI10; MI33 - MI45	
		SHR Signal Maintenance Practice Competency : Points, Signals, Batteries & Power Supply Equipment [SHRI-006-CM-SIGNALS-B]	Covers Instructions: MI31-MI32; MI25-MI27; MI16-MI17 & MI43; MI13-MI15 & MI46; MI11-MI12	
Track Vehicle Operator Track Vehicle Operator (include SHR unit on Certificate of Competency)	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	Inspection and Maintenance of railway pole line & associated infrastructure	All competencies for Fitter's Assistant and some Signal Maintainer competencies: Base Competencies, Senior First Aid plus optional TLIC2041A		
		TLIB3058A Maintain aerial signal/telecommunications lines and cables.	Framework used to deliver SHR Linesman's Handbook theory. Practice on the job training on physical pole line infrastructure.	
Signal / Electrical Fitter	Performs inspections, maintenance or installations of signal equipment and AS3000 compliant installations	All competencies for Fitter's Assistant and Signal Maintainer for rail environment in accordance with SHR Policies and Work Procedures - RPL recognised on account of Apprentice Trade Training - Class A Electrical Worker's Licence		
Level Crossing Inspector	Performs inspections, compliance audits of signal equipment, commissions new or modified signalling systems into service	All competencies for Signal/Electrical Fitter; UEE41206 Certificate IV Electrical - Rail Signalling or equivalent relevant or demonstrated experience		

PROCEDURE:

Rail Safety Workers engaging in Signal Maintenance will work through each unit of competence to achieve completion of a component.

Each component contributes to the independent achievement of a Position Title as shown in the table above.

RSWs may develop learning and assessment of competency across a number of units concurrently.

RPL can be granted for demonstrated evidence of competency against the above units of competency through the RPL process.