Lookout Working Worksite Protection for Leppington to Leppington Stabling Yard routine network maintenance activities



DOCUMENT NO.	D2021/24409				
WORK DESCRIPTION	Routine network maintenance activities				
WPP Number	SW3B 12955				
SCOPE:	This SWI is applicable only for the worksite protection arrangements of the routine Electrical Traction, Signals and Track/Structures maintenance activities performed in the South West on the: Leppington Up Main, Leppington Down Main, Leppington Up Loop, Leppington Down Loop and all tracks Leppington Stabling Yard from 200 points to End of Terminal Line. Work activities include: Points and Signals Maintenance Inspections Track Maintenance Inspections OHW Patrols and Maintenance Inspections Structures Maintenance Inspections Revised Compliance Date Inspections				
AUTHORISATIONS:	Protection Officer: Protection Officer Level 1 or higher Lookout: Handsignaller Level 1 or higher, Protection Officer Level 1 or higher.				
SAFETY CONTROLS – Lookout Working arrangements:	The nominated worksite location for Lookout Working includes the Leppington Up Main, Leppington Down Main, Leppington Up Loop, Leppington Down Loop and all tracks Leppington Stabling Yard from 200 points to End of Terminal Line. As work moves along the track, the Protection Officer must assess the new location and: • Establish Lookouts as required to watch for approaching rail traffic from all entry points • Designate and instruct which safe places the workers are to use as the work is completed along				
PRESTART REQUIREMENTS:	the work route within the worksite limits. Protection Officer assessment checklist must be completed before instructions in this SWI are followed. Tools and equipment required: Protection Officer requires a phone to contact the Signaller. Lookouts require a high-visibility arm sleeve and a whistle / horn. Work group is required to sign in at the Leppington Stabling Yard office prior to commencing any work inside Leppington Stabling Yard.				
FURTHER INFORMATION:	NWT 300 Planning work in the Rail Corridor NWT 310 Lookout Working NPR 711 Using Lookouts NPR 751 Calculating Minimum Warning Time NLA 514 Leppington NGE 200 Walking in the Danger Zone Lookout Working Prohibited Locations Register				

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Protection Officer assessment checklist							
Protection Officer name:	Yes (Tick if Yes)						
This document is still current at the time of date)							
SWI details and protection arrangements location, including:	have been reviewed and validated for the	assessed worksite					
 On-site safety assessment has the required protection details, of SWI 							
The Protection Officer and Quali practiced in the last 6 months. If guidance.							
Corridor Safety Number	te						

Warning



If an above item does not apply, the Protection Officer must not use this Safe Work Instruction. A new worksite protection plan must be completed in accordance with NRF 014 Worksite Protection Pre-work briefing and NRF 015 Worksite Protection Plan.

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Vorksite Protec	ction Pre-work Briefing		
		Briefing date:	
rotection Office	r Details		
	name	signature	contact N
Work location:	Leppington to Leppington Sta	bling Yard	
Scope of work:	Routine network maintenance	activities	
Norksite protecti	on: Lookout Working	Refer to Worksite Protect	ction Plan for details
	e specific hazards identified, I environment, human errors, plant	Controls (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control
Rail traffic		Lookout Working implemented. Workers must remain within worksite limits.	Protection Officer
Two-way runni worksite	ing / multiple entry points into	One Lookout placed watching for rail traffic approach in each direction before work starts. Lookouts are to warn workers of all approaching rail traffic, including rail traffic entering, stabling or travelling within the worksite. Workers are to stop work and move to a safe place once warned.	Protection Officer
Obstruction to	Minimum Sighting Distance	Lookouts must provide immediate warning to the workers whenever the Minimum Sighting Distance is obstructed by passing or stabled rail traffic. Workers are to stop work and move to a safe place once warned. Lookouts must confirm with the Protection Officer	Protection Officer and Lookout
		when the Minimum Sighting Distance is reestablished.	
Adjoining/Surr	ounding Worksites	Lookouts must have two independent audible warning devices that can be heard by workers over any noise generated by other worksites and background noise.	Protection Officer and Lookout
		Lookouts must provide immediate warning if their line of sight is obstructed by adjoining/surrounding worksites.	
Access to / Eg	ress from worksite	Protection Officer will assess and instruct when it is safe for workers to use NGE 200 Walking in the Danger Zone to move to and from the worksite or safe place.	All
		Mobile phone usage is only allowed in the danger zone when required for work purposes ONLY.	All
Mobile phone		Other than being used for work purposes, mobile phones may be used only in a safe place after informing the Protection Officer.	
Obstructions of path to a safe p	or uneven surfaces in the exit place	Before commencing work a route to the safe place is to be agreed upon taking obstructions and uneven surfaces into consideration	Site Supervisor All
Exposure to ex	ccessive noise	Workers are not to stand directly in front of audible warning device(s)	All

Lookout Working Worksite Protection for Leppington to Leppington Stabling Vard routine network maintenance activities



Taru Touti	ile lietwork illallitellalite act	.ivities	
Vorkplace Su	pervisor Details		
		name	contact No.
Emergency as	ssembly point: Nearest Access (Gate SWMS/SWI Ref #:	
First Aid kit location:	Site Vehicle	First Aider:	
Vorkplace S	upervisor Acknowledgement		
	upervisor acknowledges that all identified WHS ols in place to manage and/or eliminate the haz		signature
Participant A	cknowledgement		

articipant Acknowledgement							
NOTE: Recipients	NOTE: Recipients of the briefing are to question the Briefer if they don't understand any part of this briefing.						
All workers listed b	All workers listed below acknowledge that they:						
have been inducted to the site			5. have been briefed on the contents of the Worksite Protection Plan				
are free from	the effects of alcoh	nol/drugs/fatigue	6. have been shown the Worksite Pro	otection Plan diagram			
3. hold the appl	icable and current I	Rail Safety Worker Authorisation, trade	7. understand the kinds and limits of	worksite protection in place			
		e.g. Construction Industry Induction Protective Equipment (PPE)	have been briefed about any new hazards and controls identified during the final site inspection (final site inspection must be conducted immediately				
4. wear the app	ropriate Fersoriai F	rotective Equipment (FFE)	before commencing work)				
Mark each check box	below with a tick 🗹 i	f the item applies or a cross 🗷 if the item does i	not apply.				
	formed of the requi	rements of the electrical permit (if	have been made aware of any haz	zardous materials/substances on site			
required)			have been briefed on Safety Data	Sheets (SDS)			
have been br for the job	iefed on the SWMS	S/SWIs/documented safe work practice	have been briefed on the WHS Ma	anagement plan			
have been in SWMS/SWIs		rols recorded in this document and	have been briefed on the hazards	of adjoining worksites/processes.			
Name		Signature	Time of briefing: hh:mm	Amendment briefing: hh:mm and initial			

SWI Custodian: Maintenance Operation Manager South West Territory OFFICIAL SWI Approver: Associate Director Network Operation UNCONTROLLED COPY WHEN PRINTED

Lookout Working Worksite Protection for Leppington to Leppington Stabling Yard routine network maintenance activities



Worksite Protection Plan - Lookout Working

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otection Off	ficer Details		-							
		name				signature			cor	itact No
	RSW o	r RIW No.			de	esignation	Pla	nned duration		
/orkplace Sเ	upervisor detai	ls:								
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Worksite I	Location (tick	the tracks that a	apply)							-
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				Leppingto	n Down N	/lain				
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Diagrams, notes and detailed instructions of Sections 1, and 2 are over the next pages. These are to be read and followed as part of this worksite protection plan for Lookout Working.

Section 1 - 200 points to LE 60 signal

INSTRUCTIONS:

- Protection Officer briefs workers about the worksite protection arrangements.
- Protection Officer contacts Glenfield Panel and tells the Signaller about the use of Lookout Working between Leppington and Leppington Stabling Yard on the Leppington Up Main, Leppington Down Main, Leppington Up Loop, Leppington Down Loop and all tracks Leppington Stabling Yard.
- Workers enter rail corridor via gate M28 51.164 D, located at the end of Leppington Station's bus area, on the down side of Leppington Station off Rickard Rd.
- 4. Protection Officer places Lookouts watching for rail traffic approach in both directions at the designated locations.
- 5. Workers start work on the **Leppington Up Main, Leppington Down Main, Leppington Up Loop, Leppington Down Loop**, working up to the designated Lookout location.
- 6. Workers move to a safe place.
- 7. Repeat steps 4 6 until workers complete work from **200 points** finishing at **LE 57 Signal.**
- 8. Recall Lookouts
- 9. Continue to Section 2 instructions.

ADDITIONAL DETAIL

Leppington Yard is a **two-way running area**. Rail traffic movements can occur in any direction at any time between **200 points** and **LE 57 signal**.

A Lookout is placed for each direction and must provide warning for any rail traffic approach.

Workers must move into a safe place when Lookouts provide a warning regardless of which line the rail traffic is approaching on.

Note that rail traffic coming to and from Leppington Station may impede the Lookout's Minimum Sighting Distance. Lookouts must provide warning to workers when Minimum Sighting Distance is impeded by rail traffic on adjacent lines. All workers must remain in a safe place until Lookouts can re-establish Minimum Sighting Distance.

LOOKOUTS



Image 1: Lookout in Down cess near LE 31 signal looking for approaching down rail traffic



Image 2: Location of Lookout in Down cess near LE 31 signal looking for approaching up rail traffic

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LOOKOUTS

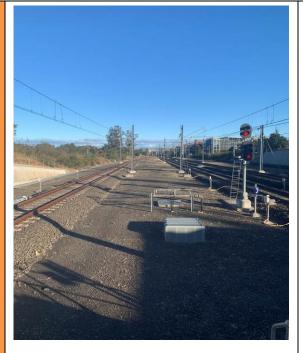


Image 3: View towards country from Leppington Platform 4



Image 4: View towards city from Leppington Platform 4

ACCESS/EGRESS



Image 5 : Access Gate into rail corridor from Leppington Carpark



Image 6: : Access Gate into rail corridor from Leppington
Carpark

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Section 2 - Leppington Stabling Yard

INSTRUCTIONS:

- Protection Officer, Lookouts and workers move to Leppington Stabling Yard entrance gate.
- Workers MUST sign in on the visitor register at Leppington Stabling Yard office.
- Workers re-enter rail corridor at gate N06 53.257 D, located in the carpark of Leppington Stabling Yard.
- Protection Officer places Lookout in Down cess watching for Down direction rail traffic approach the designated locations along the work route for **Leppington Stabling Yard**.
- Protection Officer places Lookout in Up cess watching for Up direction rail traffic approach at the designated locations along the work route for Leppington Stabling Yard.
- Workers start work in Leppington Stabling Yard. 6.
- Workers move to a safe place once work reaches a Lookout.
- Protection Officer repositions Lookouts at the required designated locations.
- Repeat steps 6 8 until workers complete inspections at Leppington Stabling Yard.
- 10. Once work is complete, all workers move into a safe place.
- 11. Protection Officer recalls Lookouts.
- Protection Officer contacts the Signaller at Glenfield Panel to end Lookout Working.

ADDITIONAL DETAILS

Work groups must ensure they are inducted into Leppington Stabling Yard prior to commencing work.

Leppington Yard is a two-way running area. Rail traffic movements can occur in any direction at any time between LE 5 signal and LE 57 signal.

A Lookout is placed for each direction and must provide warning for any rail traffic approach.

Workers must move into a safe place when Lookouts provide a warning regardless of which line the rail traffic is approaching on.

Lookouts must provide warning to workers when Minimum Sighting Distance is impeded by rail traffic on adjacent lines. All workers must remain in a safe place until Lookouts can re-establish Minimum Sighting Distance.

OFFICIAL

LOOKOUTS

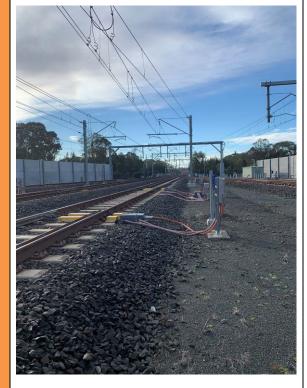


Image 7: View towards City from Lookout Position



Image 8: View towards Country (Terminations) from Lookout Position

Lookout Working Worksite Protection for Leppington to Leppington Stabling Yard routine network maintenance activities



ACCESS/EGRESS



Image 9: Access to Leppington Stabling Yard



Image 10: Access gate N06 53.257 D to rail corridor via Leppington Stabling Yard carpark

LEPPINGTON STABLING YARD OFFICE



Image 11: Leppington Stabling Yard office

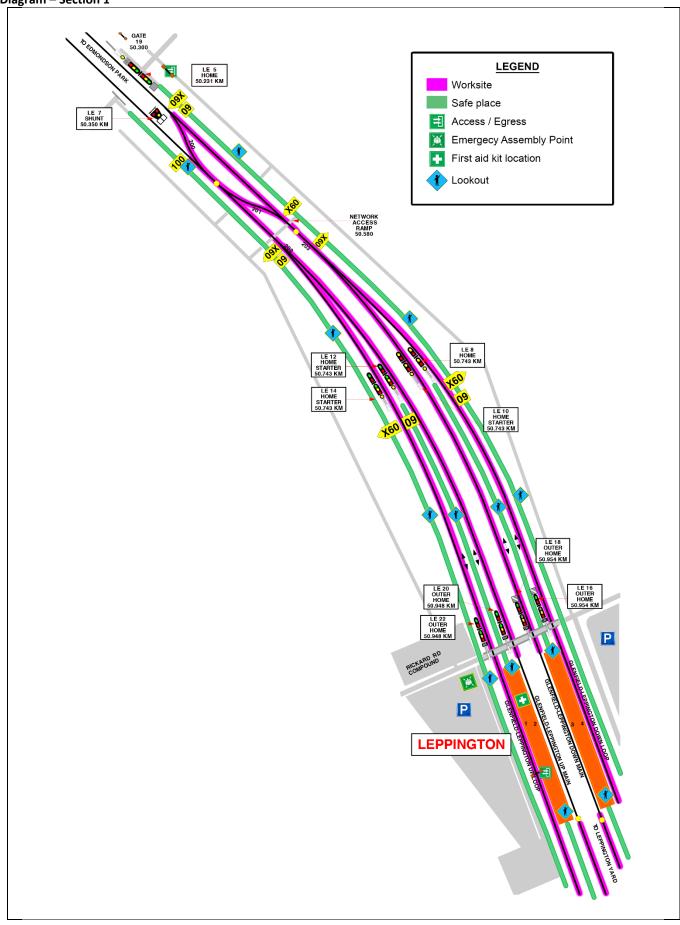


Image 12: Leppington Stabling Yard office

Lookout Working Worksite Protection for Leppington to Leppington Stabling Yard routine network maintenance activities



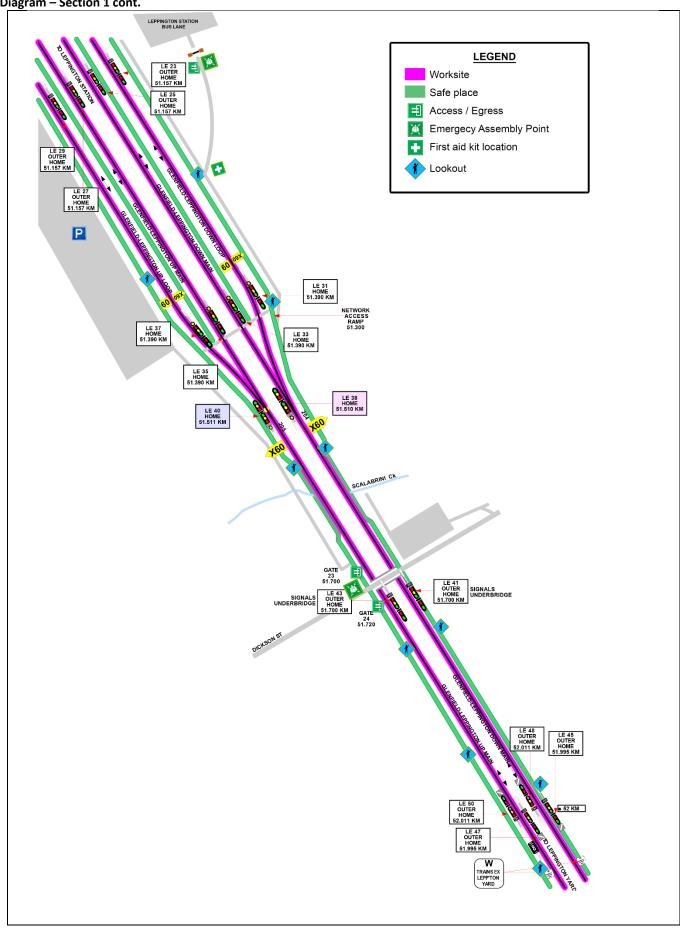
Diagram – Section 1



Lookout Working Worksite Protection for Leppington to Leppington Stabling Yard routine network maintenance activities



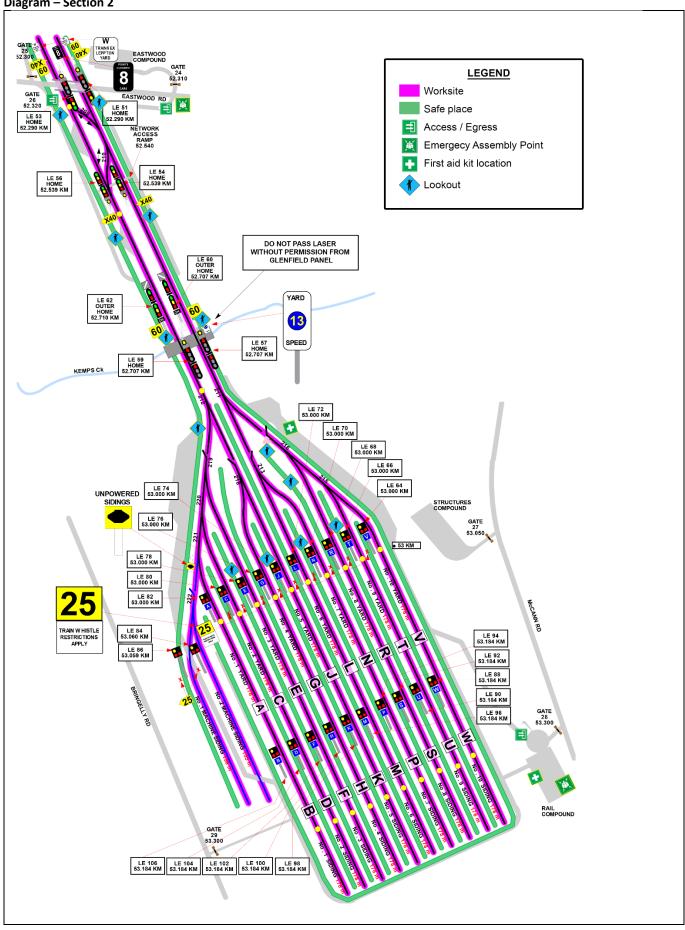
Diagram - Section 1 cont.



Lookout Working Worksite Protection for Leppington to Leppington Stabling Yard routine network maintenance activities



Diagram - Section 2



Lookout Working Worksite Protection for Leppington to Leppington Stabling Yard routine network maintenance activities



Protection Officer's diary

Date	Time	Notes
Date	Time	Notes
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