

DOCUMENT NO.	D2022/2818
WORK DESCRIPTION	Routine Network Maintenance Activities
WPP Number	SC8B 10120
SCOPE:	This SWI is applicable for the worksite protection arrangements using lookout working concerning routine network maintenance, defect management and repair of assets within the limits specified below and in the attached plan.
	 Work activities include: Routine preventative and corrective work such as inspections and maintenance as appropriate for the type of protection being applied as part of this plan.
AUTHORISATIONS:	Protection Officer: Protection Officer Level 1 or higher Lookout: Engineering Hand signaller Level 1 or higher or Protection Officer Level 1 or higher.
SAFETY CONTROLS: Lookout working arrangements	The nominated worksite location for Lookout Working is a fixed worksite and includes the Up Illawarra Main Line between WG 605 U and WG 604 U and the Down Illawarra Main Line between WG 603 D and WG 602 D The Protection Officer must:
	 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 the work route within the worksite limits.
PRESTART REQUIREMENTS:	 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.
FURTHER INFORMATION:	NWT 300 Planning work in the Rail Corridor NWT 310 Lookout Working NPR 711 Using Lookouts
	NPR 751 Calculating Minimum Warning Time NPR 712 Protecting work from rail traffic on adjacent lines NGE 200 Walking in the Danger Zone
	NGE 200 Walking in the Danger 20ne Lookout Working Prohibited Locations Register NLA 410 Sutherland to Wollongong



Protection Officer assessment checklist			
Protection Officer's name:	Yes (Tick if Yes)		
This document has not expired 12 months			
SWI details and protection arrangements location, including:	have been reviewed and validated for the	assessed worksite	
	 On-site safety assessment has been completed for relevancy of works being undertaken The required protection details, environment and tasks are unchanged from the details of this SWI 		
The Protection Officer and Qualified Workers deploying qualifications are current and have practiced in the last 6 months. If not practiced, then a Rail Safety Coach must be contacted for guidance.			
Corridor Safety Number Protection Officer Signature Da			ate



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.

Safe Work Ir	Safe Work Instruction					
					Transport Sydney Trains	
Worksite Prote	ction Pre-work Briefi	ng				
			Br	iefing date:		/ /
Protection Office			ciaus churc			o custo et Nie
	name		signature			contact No
Work location:	Coledale					
Scope of work:	Routine Network Mai					
Worksite protecti	on: Lookout Working		Ref	fer to Worksite	Protec	ction Plan for details
	Site-specific hazards iden cal environment, human e oment)		Controls (to be implemented to e reduce the risk to the lowest prace			Person responsible for Control
Apı	proaching rail traffic		Lookouts must be trained and cor perform lookout duties. Lookouts must be rotated if perfor extended periods of time Workers to remain within worksite in this procedure. Lookouts must be placed as per p on page 8. Workers are to stop work and mo place immediately on being warne lookouts	rming lookout e limits as set protection pla ve to a safe	out	Protection Officer and Lookout
L	ive adjacent lines		Lookouts must provide warning to rail traffic is approaching from the either direction.			Protection Officer and Lookout
Two - way runi	ning / multiple entry po worksite	ints into	One Lookout placed watching each before work starts. Lookouts are to of approaching rail traffic, includin entering or travelling within the wo are to stop work and move to a sa	to warn worke ng rail traffic orksite. Worke		Protection Officer and Lookout
Obstruction t	o Minimum Sighting Di	stance	Lookouts must provide warning to whenever their line of sight is obs passing rail traffic. Workers must move to a safe place and reasses and method	tructed by stop work an	d	Protection Officer and Lookout
Adjoinin	g/Surrounding Worksit	es	Lookouts must have two independ warning devices that can be hear over any noise generated by adjoining/surrounding worksites. Lookouts are to provide warning i sight is obstructed by adjoining/su worksites.	d by workers f their line of		Protection Officer and Lookout
Access	to / Egress from worksi	ite	Access and egress points must be entering the danger zone, conside given to ease of access and safes and exit points.	eration should	d be	All
Slips, trips	, falls and hazards carr equipment	ying	Protection Officer will assess and is safe for workers to use NGE 20 Danger Zone to move to the work place.	00 Walking in		All
	Mobile phone		Mobile phones use is not permitte zone unless being used by mainte critical maintenance communicati of defects.	enance staff f	or	All

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Safe Work Instruction			
Lookout Working Worksite Protection for Coledale Routine			Transport Sydney Trains
Network Maintenance Activities			



Workplace Supervisor details

	name] [contact No
Emergency a	ssembly point: Access Gate	SW	MS/SWI	Ref #:		
First aid kit location:	Sydney Trains work vehicle	First	aider:			
Norkplace S	upervisor acknowledgement					
	upervisor acknowledges that all identified WHS and rail safety ols in place to manage and/or eliminate the hazards.	hazard	s have the	Yes 🗆]	signatur
-	cknowledgement					
	its of the briefing are to question the Briefer if they don't under d below acknowledge that they:	stand a	ny part of th	his briefing.		
 have been are free fr are free fr are free fr hold the a 	inducted to the site om alcohol and drugs om the effects of fatigue oplicable and current Rail Safety Worker Authorisation, trade	6. 7. 8. 9.	have bee understar have bee	n shown the V nd the kinds ar n briefed abou	Vorksite Protection Pl nd limits of worksite p ut any new hazards a	orotection in place nd controls identified during
5. must wear	d/or induction record e.g. Construction Industry Induction the appropriate Personal Protective Equipment (PPE) now below with a tick ☑ if the item applies or a cross ☑ if the item doe.	s not ann	before com	site inspection hmencing work)	(final site inspection mus	st be conducted immediately
	informed of the requirements of the electrical permit (if		have bee		e of any hazardous m afety Data Sheets (S	aterials/substances on site

have been briefed on the SWMS/SWIs/documented safe work practice
for the job

have been instructed in the controls recorded in this document and SWMS/SWIs		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 Operations Manager South Coast Territory SWI Approver: Associate Director Network Operation \square have been briefed on the WHS Management plan

	Lookout Working Worksite Protection for Coledale Routine				
Worksite P Signaller De	rotection Plan – Lookout Working tails				
	name Wollongong North Panel	02 4223 5446			
Protection O	fficer Details	(. (N			
Г		contact No.			
		duration			
Type of wor	k: Routine Network Maintenance				
On the	Up Illawarra Main Line				
on the					
between	WG 605 U and WG 6	04 U			
On the	Down Illawarra Main Line				
between	WG 603 D and WG 6	02 D			
Vorksite ass las the Look	sessment out Working Prohibited Locations Register been consulted? Yes □				
Varning met	thod Horn/Whistle Touch				
Minimum Wa	arning Time Calculations				
Maximum trac	ck speed 100 km/h				
Number of Lo	okouts used 2 Position of Lookouts 67.037 km to	67.032 km			
Number of ad	Iditional Lookouts* used 2 Position of Lookouts 66.759 km to	67.349 km			
Note - Lookout	s are relocated to positions within these KMs as workers move along the worksite.				
7 sec	+ 3 sec + 10 sec 20 sec 100km/h	556 metres			
7 sec	+ 3 sec + 10 sec = Minimum Warning 20 sec 85 km/h	473 metres			
See Time (S)	(MWT) Move Time (M) Safe Time (S+M+10 sec = MWT) Track speed	Minimum Sighting			
Note – Additi	onal MWT calculations can be recorded in the Protection Officer's Diary.	Distance as calculated			
	e safe places identified for the Lookouts and the workers?				
Lookouts:	Up and Down Cess				
Workers:	Up and Down Cess				

Ensure the workers have been briefed about these work details Yes □

Safe Work Instruction

Diagrams, notes, and detailed instructions are over the next pages. These are to be read and followed as part of this worksite protection plan for Lookout Working.



INSTRUCTIONS:	1. Workers enter the rail corridor via gate 100 68.188 U off Park Avenue at Austinmer		
	 Protection Officer contacts Wollongong North P Working. 	anel and tells the Signaller about the use of Lookout	
	 Establish Lookouts at designated locations. 		
	5. Workers start work up to designated locations.		
	6. Workers move to safe place.		
	7. Re-establish Lookouts at next designated location	on.	
	8. Repeat steps 6-8 until work is complete.		
	9. Workers move to a safe place.		
	10. Recall lookouts.		
	11. Workers egress the worksite via I00 68.188 U of	f Park Avenue at Austinmer	
	12. Protection Officer contacts Wollongong North F	Panel to end Lookout Working.	
ADDITIONAL	Obstruction to Minimum Sighting Distance		
DETAILS:	Stabled rail traffic on any tracks and conditions on the day	may obstruct minimum sighting distance. When this	
	hazard is identified, workers must stop work and move to		
	assessment and relocates lookouts to achieve the require	d minimum sighting distance.	
LOOKOUTS:	<image/> <image/>		
	Image 1. Up Lookout (67.032 Km)		

SWI Custodian: Maintenance Operations Manager South Coast Territory SWI Approver: Associate Director Network Operation

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Safe Work Instruction

Lookout Working Worksite Protection for Coledale Routine Network Maintenance Activities

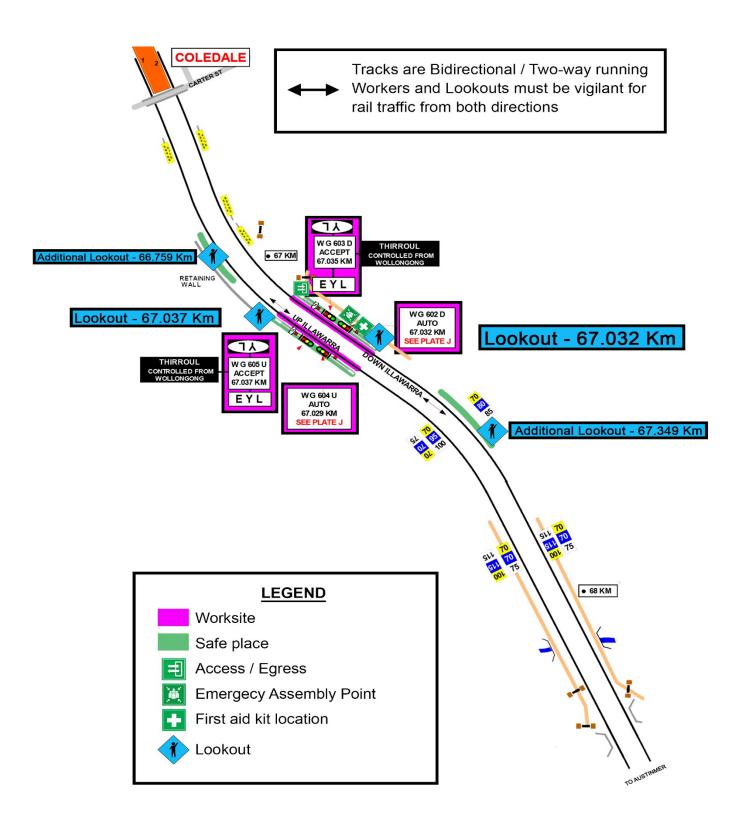




Image 3. Down Lookout (67.037 Km)



Diagram





Protection Officer's diary

rotection	n Officer's (Time	
Date	Time	Notes
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	1	
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SWI Custodian: Maintenance Operations Manager South Coast Territory SWI Approver: Associate Director Network Operation