

DOCUMENT NO.	D2021/836
WORK DESCRIPTION	Routine network maintenance activities
WPP Number	CC1B 10454
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. The nominated worksite location for Lookout Working includes the
SAFETY CONTROLS: Lookout working arrangements	 UP Main Down Main UP Refuge Loop Back Road
	The nominated worksite location for Lookout Working is a moving worksite, where workers are working along the track within the limits of the nominated worksite location up to the where the Lookout is established.
	As work moves along the track, the Protection Officer must assess the new location and:
	 Establish and/or re-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	Protection Officer assessment checklist must be completed before instructions in this SWI are followed. Tools and equipment required:
REQUIREMENTS:	Protection Officer requires a phone to contact the Signaller.
	Lookouts require a high-visibility arm sleeve and a whistle/horn.
FURTHER	NWT 300 Planning work in the Rail Corridor
INFORMATION:	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
	NLA 314 Gosford - Broadmeadow
	Lookout Working Prohibited Locations Register

Safe Work Instruction				
Lookout Working Worksite F Network Maintenance Activ	Transport Sydney Trains			
Protection Officer assessment checkli	st			
Protection Officer's name:			Yes (Tick if Yes)	
This document has not expired 12 month	s beyond the issue date.			
SWI details and protection arrangements location, including:	have been reviewed and validated for the a	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	E	Date	



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 Instruction		-
Lookout Working Worksite Protect Network Maintenance Activities	tion for Awaba Routine	Transport Sydney Trains
Iorksite Protection Pre-work Briefing	- · · · · · · · · · · · · · · · · · · ·	
rotection Officer Details	Briefing date:	1 1
name	signature	contact No.
Work location:		
Scope of work: Routine network maintenance	activities	
Norksite protection: Lookout Working	Refer to Worksite Prot	ection Plan for details
Hazards (e.g. Site specific hazards identified,	Controls (to be implemented to eliminate or	Person
including physical environment, human errors, plant and equipment)	reduce the risk to the lowest practicable level)	responsible for Control
	Lookouts must be trained and competent to perform lookout duties.	
	Lookouts must be rotated if performing lookout for	
Approaching rail traffic	extended periods of time Workers to remain within worksite limits as set out	Protection Officer &
	in this procedure. Lookouts must be placed as per protection plan	Lookout
	on page 8.	
	Workers are to stop work and move to a safe place immediately on being warned by the lookouts	
	Lookouts must provide warning to workers when rail traffic is approaching from the adjacent line in	Protection Officer
Live adjacent lines	either direction.	Lookout
	One Lookout placed watching each direction before work starts. Lookouts are to warn workers	Protection Officer &
Two - way running / multiple entry points into worksite	of approaching rail traffic, including rail traffic entering or travelling within the worksite. Workers	Lookout
	are to stop work and move to a safe place.	
	Lookouts must provide warning to the workers whenever their line of sight is obstructed by	Protection Officer
Obstruction to Minimum Sighting Distance	passing rail traffic. Workers must stop work and move to a safe place and reassess positioning	& Lookout
	and method	
	Lookouts must have two independent audible warning devices that can be heard by workers	Protection Officer
Adjoining/Surrounding Worksites	over any noise generated by adjoining/surrounding worksites.	& Lookout
	Lookouts are to provide warning if their line of sight is obstructed by adjoining/surrounding worksites.	
Access to / Egress from worksite	Access and egress points must be agreed prior to entering the danger zone, consideration should be given to ease of access and safest possible entry and exit points.	All
Slips, trips, falls and hazards carrying	Protection Officer will assess and instruct when it	
equipment	is safe for workers to use NGE 200 Walking in the Danger Zone to move to the worksite or safe place.	

Safe Work Instruction				
Lookout Working Worksite Protection for Awaba Routine Network Maintenance Activities				
Mobile phone	Mobile phones use is not permitted in t zone unless being used by maintenanc critical maintenance communications o of defects.	he danger ce staff for r recording	All	



Workplace Supervisor details

			name				contact No.
Emergency as	sembly point:	Access Gate		SWMS/SW	'I Ref #:		
First aid kit location:	Sydney Trains work vehicle		First aider:				
Workplace Supervisor acknowledgement							

Yes 🛛

The Workplace Supervisor acknowledges that all identified WHS and rail safety hazards have the appropriate controls in place to manage and/or eliminate the hazards.

signature

Participant Acknowledgement

NOTE : Recipients of the briefing are to question the Briefer if they don't understand any part of this briefing.				
All workers listed below acknowledge that	at they:			
1. have been inducted to the site		6. have been briefed on the contents of the Worksite Protection Plan		
2. are free from alcohol and drugs		7. have been shown the Worksite Protection Plan diagram		
3. are free from the effects of fatigue		8. understand the kinds and lin	nits of worksite protection in place	
4. hold the applicable and current Rai licence and/or induction record e.g.	il Safety Worker Authorisation, trade . Construction Industry Induction		y new hazards and controls identified during site inspection must be conducted immediately	
5. must wear the appropriate Persona	al Protective Equipment (PPE)	before commencing work)		
Mark each check box below with a tick $ abla$ if the	e item applies or a cross 🕱 if the item does n	of apply		
have been informed of the requiren		_	ny hazardous materials/substances on site	
have been briefed on the SWMS/S	WIs/documented safe work practice	have been briefed on Safety		
for the job		have been briefed on the W	HS Management plan	
have been instructed in the controls SWMS/SWIs	ls recorded in this document and	have been briefed on the ha	zards of adjoining worksites/processes.	
Name	Signature	Time of briefing: hh:mm	Amendment briefing: hh:mm and initial	

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Safe Wo	ork Instruction						
	ookout Working Worksite Protection for Awaba Routine						
Worksite P Signaller det	Protection Plan – Lookout V tails	Vorking					
	name	Broa	dmeadow		02 4923 090		
Protection O	Officer details						
	name		signature		contact No		
	RSW or RIW No.	d	esignation	Planned d	luration		
Workplace S	Supervisor details:						
Type of wor	rk: Routine network mainter	nance activities					
Worksite	location				<u>_</u>		
On the		Up Main					
		Down Main					
		Down Main					
		Up Refuge Loop					
	[Pack Pand					
	L	Back Road					
between	A1 signal	and		A20 sign	al		
Norksite As	sessment						
Warning met Minimum Wa		Horn/Whistle Vo	ice/Touch				
Maximum trac	ck speed 130 km/h						
Number of Lo	pokouts used	2 Position of Lookout	s 136.000	km to	140.000 km		
Number of ad	dditional Lookouts* used	Position of Lookouts	6	km to	km		
Note - Lookout	L ts are relocated to positions within these ł	KMs as workers move along the works	site.	J L			
2 sec	_ 3 sec _ 10 sec] [15	sec 130) km/h	542 metres		
2 sec	+ 3 sec + 10 sec) km/h	334 metres		
2 300	+ + +	Time (MWT)		, KIII/II			
2 sec	+ 3 sec + 10 sec		i sec 25	5 km/h	104 metres		
See Time (S)	Move Time (M) Safe Time	(S+M+10 sec = MWT)	Track spe	ed	Minimum Sighting		
Note – Additi	ional MWT calculations can be recor	ded in the Protection Officer's Di	ary.		Distance as calculated		
Where are th	ne safe places identified for th	e Lookouts and the workers	s?				
Lookouts:	Up Cess when working on the U Down Cess when working on the		or Back Road				
Workers:	Up Cess when working on the I Down Cess when working on th		line or Back Road				
Ensure the v	workers have been briefed abo	out these work details	Yes □				
	otes, and detailed instructions an an for Lookout Working.	e over the next pages. These	are to be read a	nd follow	ed as part of this worksite		

 SWI Custodian: Maintenance Operation Manager Central Coast Territory
 OFFICIAL

 SWI Approver: Associate Director Network Maintenance
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INSTRUCTIONS:	 Workers enter the rail corridor via gate N00 138.255 U via Wilton Rd or via Adelaide St carpark Protection Officer briefs workers about the worksite protection arrangements. 			
	 Protection Officer contacts Broadmeadow Panel and tells the Signaller about the use of Lookout Working. 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.			
	8. Repeat steps 5-7 until work is complete.			
	9. Workers move to a safe place.			
	10. Recall lookouts.			
	11. Workers egress the worksite via Nearest Access gate			
	12. Protection Officer contacts Broadmeadow Panel to end Lookout Working.			
ADDITIONAL DETAILS	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 a safe place until the Protection Officer makes an			
	assessment and relocates lookouts to achieve the required minimum sighting distance.			
	Two-way running			
	The Up Refuge Loop is to be treated as two-way running; rail traffic movements can occur in any direction at any			
	time. If rail traffic travelling on the Down main obstructs the view of the Lookout in the Up Cess, workers must stop work and move to safe place until the Lookout can achieve the required Minimum Sighting Distance.			
	Rail traffic may travel through 56 points from the Up Main to the Down Main in the wrong running direction. Workers must move to a safe place when Lookouts provide warning for either direction.			
	Rail traffic may traverse through C Frame from any direction. If rail traffic approaches in any direction, all must stop work and move to a safe place until both Lookouts have achieved the required Minimum Sighting Distance.			
	Adverse weather conditions			
	Conditions on the day may impede sighting distance. Protection Officers must ensure the required Minimum Sighting			
	Distance is attainable by reassessing positions of Lookouts.			
LOOKOUTS	Image 1: Lookout in Up Cess looking for UpImage 2: Lookout in Up Cess looking for DownDirection rail trafficdirection rail traffic			
	<image/>			

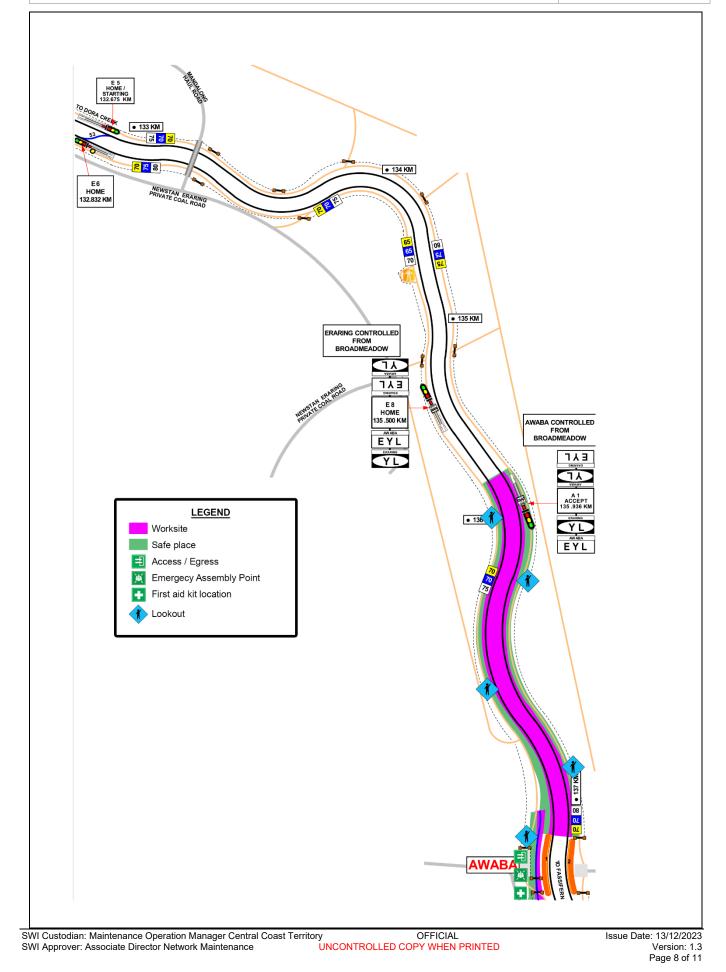
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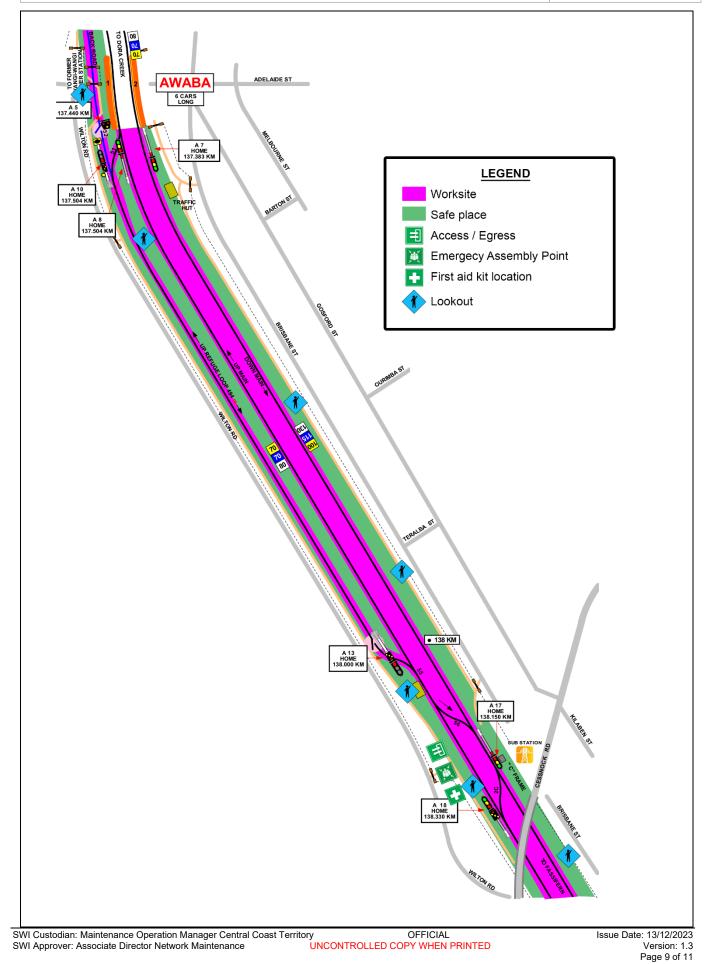
Safe Work Instruction

Lookout Working Worksite Protection for Awaba Routine Network Maintenance Activities





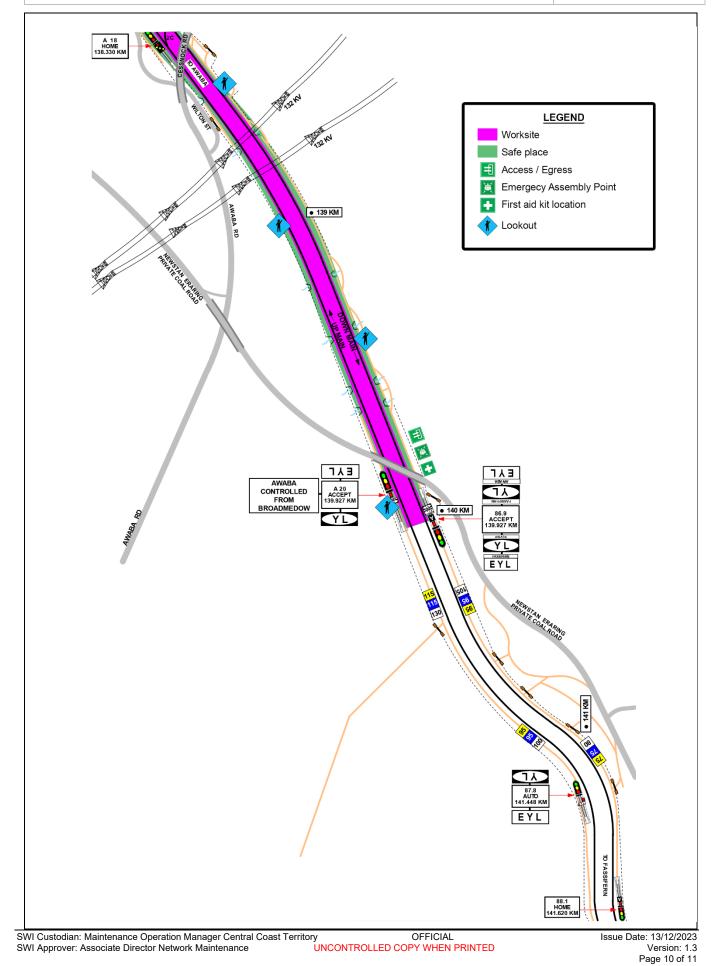




Safe Work Instruction

Lookout Working Worksite Protection for Awaba Routine Network Maintenance Activities





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Protection Officer's diary

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Date	Officer's d Time	Notes
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