Lookout Working Worksite Protection for Bomaderry Yard routine network maintenance activities



DOCUMENT NO.	D2023/7896
WORK DESCRIPTION	Routine network maintenance activities
WPP Number	SC19B 10118
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 South Coast Branch Line , Main Line , Loop Line , No. 1 Goods Siding , No. 2 Goods siding & Turntable Siding between BY 5 & End of Terminal Line 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 NLA 418 Wollongong – Bomaderry (Nowra) NLA 420 Bomaderry (Nowra) Lookout Working Prohibited Locations Register

Lookout Working Worksite Protection for Bomaderry Yard routine network maintenance activities



Protection Officer assessment checklist						
Protection Officer's name:						
This document has not expired 12 months beyond the issue date.						
SWI details and protection arrangements have been reviewed and validated for the assessed worksite location, including:						
 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 Date						
	s beyond the issue date. have been reviewed and validated for the abeen completed for relevancy of works being environment and tasks are unchanged from environment and tasks are unchanged from Rail Safety Coach must be contacted for grant and tasks are current and tasks are unchanged from the contacted for grant and tasks.	s beyond the issue date. have been reviewed and validated for the assessed worksite been completed for relevancy of works being undertaken environment and tasks are unchanged from the details of this sers deploying qualifications are current and have practiced in Rail Safety Coach must be contacted for guidance.				



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.

Lookout Working Worksite Protection for Bomaderry Yard routine network maintenance activities



Worksite Protection Pre-work Briefing

			В	riefing date:	1 1	
Protection Office	r details					
	name		signature		contact	t No.
Work location:	Bomaderry					
Scope of work:						
Worksite protection	n·	Lookout Working	Re	efer to Worksite Prot	ection Plan for details	

Worksite protection: Lookout	Refer to Worksite Protect	ction Plan for details			
Hazards (e.g. Site specific hazards identified, including physical environment, human errors, plant and equipment)	Controls (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control			
	Lookouts must be trained and competent to perform lookout duties.				
	Lookouts must be rotated if performing lookout for extended periods of time				
Approaching rail traffic	Workers to remain within worksite limits as set out in this procedure.	Protection Officer and Lookout			
	Lookouts must be placed as per protection plan on page 8.				
	Workers are to stop work and move to a safe place immediately on being warned by the lookouts				
Live adjacent lines	Lookouts must provide warning to workers when rail traffic is approaching from the adjacent line in either direction.	Protection Officer and Lookout			
Two - way running / multiple entry points into worksite	One Lookout placed watching each direction before work starts. Lookouts are to warn workers of approaching rail traffic, including rail traffic entering or travelling within the worksite. Workers are to stop work and move to a safe place.	Protection Officer and Lookout			
Obstruction to Minimum Sighting Distance	Lookouts must provide warning to the workers whenever their line of sight is obstructed by passing rail traffic. Workers must stop work and move to a safe place and reassess positioning and method	Protection Officer and Lookout			
Adjoining/Surrounding Worksites	Lookouts must have two independent audible warning devices that can be heard by workers over any noise generated by adjoining/surrounding worksites.	Protection Officer			
	Lookouts are to provide warning if their line of sight is obstructed by adjoining/surrounding worksites.	and Lookout			
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 equipment	Protection Officer will assess and instruct when it is safe for workers to use NGE 200 Walking in the Danger Zone to move to the worksite or safe place.	All			
Mobile phone	Mobile phones use is not permitted in the danger zone unless being used by maintenance staff for critical maintenance communications or recording of defects.	All			

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

Lookout Working Worksite Protection for Bomaderry Yard routine network maintenance activities



Workplace Si	upervisor detai	Is						
		name				contact No.		
Emergency as	sembly point:	Access Gate	SWMS/SW	/I Ref #:				
First aid kit location:	Sydney Train	s work vehicle	First aider:					
Workplace \$	Supervisor ac	knowledgement						
The Workplace Su	upervisor acknowled	ges that all identified WHS and rail safety he and/or eliminate the hazards.	nazards have the	e Yes □		signature		
Participant :	acknowledge	ment						
		to question the Briefer if they don't unders	tand any part of	f this briefing.				
All workers listed	d below acknowledge	e that they:						
	inducted to the site	,	6. have be	en briefed on the	contents of the Worksite	Protection Plan		
	om alcohol and drugs				ksite Protection Plan di	•		
	m the effects of fation	•		and the kinds and	limits of worksite protec	tion in place		
		Rail Safety Worker Authorisation, trade			ny new hazards and co			
		e.g. Construction Industry Induction			al site inspection must be o	onducted immediately		
must wear	the appropriate Pers	sonal Protective Equipment (PPE)	before co	ommencing work)				
Mark each check b	ox below with a tick 🗹	if the item applies or a cross 🗷 if the item does	not apply.					
☐ have been		uirements of the electrical permit (if		een made aware of	any hazardous materia	als/substances on site		
required)	1 . 6	0/0/4// /	☐ have be	have been briefed on Safety Data Sheets (SDS)				
for the job	prieted on the Syvivi	S/SWIs/documented safe work practice	☐ have be	have been briefed on the WHS Management plan				
have been SWMS/SW		ntrols recorded in this document and	☐ have be	een briefed on the h	nazards of adjoining wo	rksites/processes.		
Name		Signature	Time of brief	fing:	Amendment			
			1111.111111		IIII.IIIIII aliu III	iuai		
		•	10		1			

Lookout Working Worksite Protection for Bomaderry Yard routine network maintenance activities



Worksite Protection Plan - Lookout Working

Signaller De	etails											
		ľ	name		Bomade	erry			02 42	23 0141		
Protection C	Officer Details											
		ľ	name			sigr	nature			COI	ntact No.	
	RSW o	r RIV	V No.			desig	nation	Planne	d duration			
Workplace S	Supervisor deta	ils:										
Type of work	κ:											
Worksite	location											
on the	South Co	ast B	ranch Line		Main	Line			Loop Line			
on the	No. 1 G	Good	s Siding		No. 2 Goo	ds Siding		Tui	ntable Sid	ing]	
between			BY 5		an	d		End of Terr	minal Line			
Worksite as: Has the Look Warning me	kout Working P	rohib		ns Regist		ulted? Ye						
Minimum W	arning Time C	alcu	lations									
Maximum trac	k speed	1	40 km/h									
Number of Loc	okouts used			2	Position of L	ookouts	153.0	00km to	153.40	00km		
Number of add	Number of additional Lookouts* used 0 Position of Lookouts km to km											
Note - Lookouts	are relocated to po	ositions	s within these K	Ms as work	ers move along th	ne worksite.						
2 sec	+ 3 sec	+	10 sec			15 sec		140 km/h	584	1 metres		
2 sec	+ + 3 sec	+	10 sec	1	um Warning Time /IWT)	15 sec		50 km/h	209) metres		
2 sec	+ 8 sec	+	10 sec			20 sec		50 km/h	278	3 metres		
See Time (S)	Move Time (M)	iono o	Safe Time	•	1+10 sec = MWT		<u> </u>	Track speed	Minimu Distance as	ım Sighting calculated		
	al MWT calculati											
Where are th Lookouts:	ne safe places Platform / Ces		tified for th	e Lookoı	uts and the w	vorkers?						
Workers:	Up and Down	cess										

Ensure the workers have been briefed about these work details \qquad Yes \square

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.

Lookout Working Worksite Protection for Bomaderry Yard routine network maintenance activities



INSTRUCTIONS:

- 1. Workers enter the rail corridor via Railway St. Access Gate 100 153.100 D
- 2. Protection Officer briefs workers about the worksite protection arrangements.
- 8. Protection Officer contacts Bomaderry Panel and tells the Signaller about the use of Lookout Working.
- 4. 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 6-8 until work is complete.
- 9. Workers move to a safe place.
- 10. Recall lookouts.
- 11. Workers egress the worksite via Railway St. Access Gate I00 153.100 D
- 12. Protection Officer contacts Bomaderry Panel to end Lookout Working.

ADDITIONAL DETAILS

Obstruction to Minimum Sighting Distance

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.

When lookout is on BY 5 signal platform safety chain must be reinstalled.

When on D Frame platform beware of fall hazard.

LOOKOUTS



Image 1: View towards End of Terminal Line – Berry end of Worksite (D Frame)



Image 2: View towards Berry – Berry end of Worksite (BY 5 signal)

Lookout Working Worksite Protection for Bomaderry Yard routine network maintenance activities





Image 3: View towards End of Terminal Line - Frame



Image 4: View towards Berry - Frame C

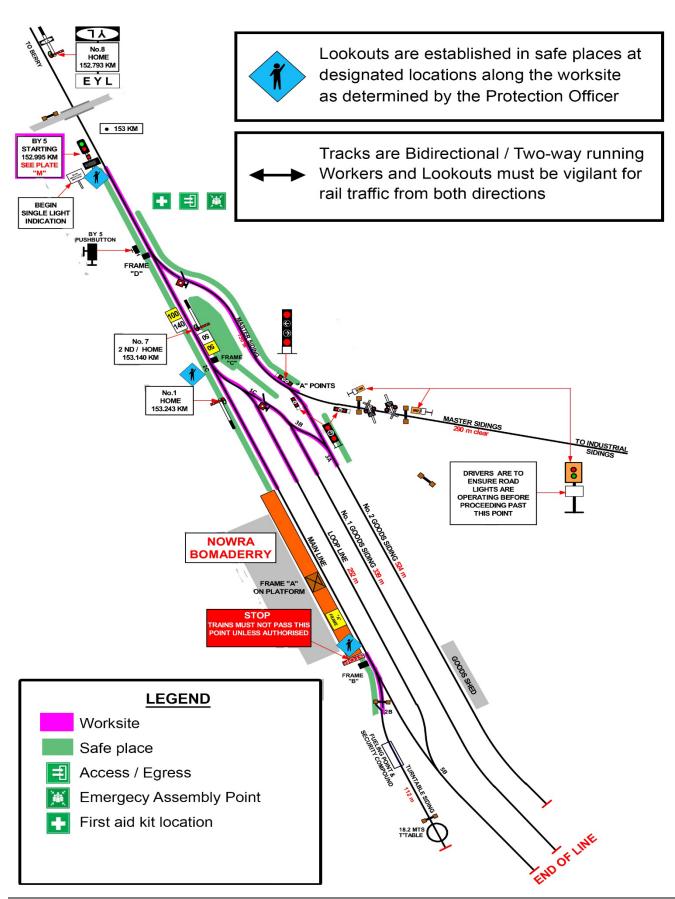


Image 5: View from Platform to Berry

Lookout Working Worksite Protection for Bomaderry Yard routine network maintenance activities



Diagram



Lookout Working Worksite Protection for Bomaderry Yard routine network maintenance activities



Protection	Officer's a	ıary
Date	Time	Notes
	,	
 		
	-	
ļļ		
1		