ASB Worksite Protection for Villawood routine network maintenance activities



DOCUMENT NO.	D2021/28778
WORK DESCRIPTION	Routine network maintenance activities
WPP Number	SW5C 10046
SCOPE:	This SWI is applicable for the worksite protection arrangements using ASB for 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
SAFETY CONTROLS - Absolute Signal Blocking (ASB) arrangements:	Absolute Signal Blocking on the Up and Down Main South line is a fixed worksite location. For reference only: The assessed ASB protection for the worksite is: • SP 102 signal and SP 112 signal at STOP with blocking facilities applied on the Up Main • SP 81 signal and SP 75 signal at STOP with blocking facilities applied on the Down Main
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.
FURTHER INFORMATION:	NWT 300 Planning work in the Rail Corridor NWT 308 Absolute Signal Blocking NPR 703 Using Absolute Signal Blocking
	NGE 200 Walking in the Danger Zone
	NPR 712 Protecting work from rail traffic on adjacent lines
	NLA 502 Sefton Park Junction

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

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Protection Officer assessment checklist					
Protection Officer's name:	Yes (Tick if Yes)				
This document has not expired 12 months					
On-site safety assessment has been compre-work briefing (Page 3).	recorded on the				
SWI details and protection arrangements location.	assessed worksite				
Corridor Safety Number	Protection Officer Signature	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.

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Worksite Protection Pre-work Briefing

rotection Officer	r Dotoilo	Briefing date: [1 1
Totection Officer	name	signature	contact No
Work location:	Villawood		
Scope of work:	Routine network maintenance	activities	
Worksite protection	on: ASB	Refer to Worksite Protect	ction Plan for details
Hazards (e.g. Site including physical and equipment)	e specific hazards identified, environment, human errors, plant	Controls (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control
Approaching ra	ail traffic	ASB implemented. Workers to remain within worksite limits. Workers are to stop work and move to a safe place immediately on being warned by the Protection Officer	Protection Officer
Adjacent live li	nes	Designated work and walk areas as instructed by the Protection Officer. Workers must remain within the ASB nominated worksite location limits whilst work is being performed.	Protection Officer
Access to / Egr	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 d	listraction	Mobile phone usage is not allowed in the Danger Zone. Mobile phones may be used only in a safe place after informing the Protection Officer.	All

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mainte	nance activ	ities			, , , , , , , , , , , , , , , , , , , ,			
Workplace Su	pervisor details							
		name			contact No			
Emergency a	ssembly point:	Access Gate	SWMS/SWI Re	ef #:				
First aid kit location:	Sydney Trains	work vehicle	First aider:					
Workplace S	Supervisor ackn	owledgement	·					
The Workplace S	• Supervisor acknowledges	s that all identified WHS and rail safety and/or eliminate the hazards.	hazards have the	Yes 🗆	signature			
Participant A	Acknowledgeme	ent						
NOTE: Recipie	nts of the briefing are to	question the Briefer if they don't under	stand any part of this	briefing.				
All workers liste	ed below acknowledge th	nat they:						
	n inducted to the site				ts of the Worksite Protection Plan			
	om alcohol and drugs				rotection Plan diagram			
	om the effects of fatigue	eail Safety Worker Authorisation, trade			of worksite protection in place v hazards and controls identified during			
licence an	nd/or induction record e.	g. Construction Industry Induction nal Protective Equipment (PPE)		inspection (final site in	nspection must be conducted immediately			
Mark each check	box below with a tick 🗹 if t	he item applies or a cross 🗷 if the item doe	s not apply.					
☐ have been	n informed of the require	ments of the electrical permit (if	☐ have been r	made aware of any ha	azardous materials/substances on site			
required)			have been b	oriefed on Safety Data	a Sheets (SDS)			
		SWIs/documented safe work practice	, , , , ,					
for the job)		☐ have been briefed on the WHS Management plan					
have beer SWMS/S\		ols 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			
		<u></u>						
i			I					

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Worksite Protection Plan - Absolute Signal Blocking

name				signature					
RSW or RIW No.					designation	Planned Duration			
Type of work:									
2. Worksite location	n								_
On the U	p Main Sou	ıth Line	from	SP 1	02 signal	to	SP 76	6 signal	
On the Do	wn Main Se	outh Line	from	SP 8	31 signal	to	SP 10	7 signal	
But attended to									
. Protection to be us	ed —	Signal(s)	at STOP with						
			acilities applied	<u> </u>	Points secu	red			
rotection is required fr	om other	Signaller	s at		Location / pane	el		Loca	tion / panel
. Assurances									
Il points of entry into the	_	ed portion	of track are pr			-	Ц		
The last rail traffic to p the protection was	ass		rail trat	tic II)	ast known locat affic is	ion of			locatio
confirm that there is no	- rail traff	ic betweer	the protection		_	L			
. Authorisation Authorised by Signall	er		·						
ridinonous by eignain	<u> </u>	name	Sefton pan	el – 02 8568	3427	1	hr		1 1
Protection			Notes						
Number		105							
6. Temporarily Sus Provide the name ar	_	ASB	Provide the n	ame and		Drovide	the name and		
worksite location	iu		worksite loca		Ш	worksite			Ц
Workers and equipm			Workers and clear of the D		re 🔲		and equipme the Danger Zo		
Provide protection n			Provide prote	-	r П		protection nur		П
ASB suspended at		hr	ASB suspend		hr		pended at		h
7. Re-establish ASI	3 assura		<u>'</u>		•••		'		
The worksite location			The worksite	location is		The wor	ksite location i	is	
identical			identical			identical			
All points of entry int affected portion of tra			All points of e		.e 🗆		s of entry into portion of trac		
protected and blocki			protected and	blocking	·	protecte	d and blocking		
facilities applied	ion		facilities appl The last know			facilities	• •		
The last known locat of rail traffic is	.1011	location	of rail traffic is		location	of rail tra	known locatio) I	locatio
There is no approach traffic between the p			There is no a traffic between	n the protect		traffic be	no approachi		
and the worksite	ot	hr	and the work		h	and the			L
ASB re-established a	at	hr	Protection	moneu al	hr	Protection	established at		h
Number			Number			Number			
Number									

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6. Temporarily Suspending A	SB						
Provide the name and worksite location					Provide the name and worksite location		
Workers and equipment are clear of the Danger Zone		Workers and equipment are clear of the Danger Zone			Workers and equipment are clear of the Danger Zone		
Provide protection number		Provide protection number			Provide protection number		
ASB suspended at	hr	ASB suspended at		hr	ASB suspended	at	hr
7. Re-establish ASB assuran	ces					,	
The worksite location is identical		The worksite location is identical			The worksite loc identical	ation is	
All points of entry into the affected portion of track are protected and blocking facilities applied		All points of entry into taffected portion of traction protected and blocking facilities applied	k are		All points of entry into the affected portion of track are protected and blocking facilities applied		. 🗆
The last known location of rail traffic is	ocation	The last known location of rail traffic is	n	ation	The last known l of rail traffic is	ocation	location
There is no approaching rail traffic between the protection and the worksite		There is no approachir traffic between the profund and the worksite			There is no appr traffic between the and the worksite	ne protectio	
ASB re-established at	hr	ASB re-established at		hr	ASB re-establish	ned at	hr
Protection Number		Protection Number			Protection Number		
Notes							
6. Temporarily Suspending A	SB						
6. Temporarily Suspending A Provide the name and worksite location	SB	Provide the name and worksite location			Provide the nam worksite location		
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INSTRUCTIONS:

- 1. Workers enter rail corridor via access gate on River Avenue on upside next to Leightonfield Sectioning Hut.
- 2. Protection Officer contacts Sefton Panel and requests an ASB.
- 3. Protection Officer briefs workers on protection arrangements and safe places before the ASB has been authorised. Start work within the limits of the nominated worksite location.
- 4. Work commences Protection Officer to warn workers of rail traffic approach on adjacent lines.
- 5. Workers immediately move to a safe place when warned.
- 6. Repeat steps 4 6 until work is complete work.
- 7. PO contacts Sefton Panel to end the ASB.
- 8. All workers egress the rail corridor via access gate S00 24.452U at River Avenue on the up side of station or next to Leightonfield Sectioning Hut Gate S00 24.128 U at Christina Road.

ADDITIONAL DETAILS

Suspending ASB

If the ASB is required to be suspended, the Protection Officer must make sure all workers and equipment are clear of the Danger Zone and are in a safe place before suspending the ASB.

IMAGES:



Image 1: Leightonfield Access Gate – Christina Rd S00 24.128 U



Image 2: Villawood Access Gate – Riverwood Rd S00 24.452 U



Image 3: View of worksite towards Leightonfield station



Image 4: View of worksite towards Carramar station

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Image 3: View of city side of Villawood Station



Image 4: View towards Leightonfield Station

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Diagram LEIGHTONFIELD LF 9 22.723 KM **VILLAWOOD LEGEND** Worksite Safe place Access / Egress **Emergecy Assembly Point** First aid kit location ASB signal at stop and blocking facilities applied 8 Points secured

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Protection Officer's diary

		- ,
Date	Time	Notes