ASB Worksite Protection for Boronia routine signals maintenance



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DOCUMENT NO.	D2023/10030
WORK DESCRIPTION	Routine Maintenance Activities
WPP Number	CN19C 1001
SCOPE:	This SWI is applicable for the worksite protection arrangements using ASB concerning routine signals maintenance, defect management and repair of signalling assets within the limits specified below and in the attached plan. Work activities include: Routine preventative and corrective work such as inspections and maintenance of signalling
	infrastructure and assets as appropriate for the type of protection being applied as part of this plan.
	Protection Officer:
AUTHORISATIONS:	Protection Officer Level 1 or higher.
SAFETY CONTROLS -	Absolute Signal Blocking on the Up Main line is at a fixed worksite location from HR112UM Signal to HR109UM Signal .
Absolute Signal Blocking	For reference only.
(ASB) arrangements:	The assessed ASB protection is:
	 HR118UM, HR112UM, HR109UM, HR103UM Signals at STOP with blocking facilities applied.
	Absolute Signal Blocking on the Down Main line is at a fixed worksite location from HR107DM Signal to HR110DM Signal .
	For reference only.
	The assessed ASB protection is:
	HR101DM, HR107DM, HR110DM, HR116DM Signals at STOP with blocking facilities applied.
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.
FURTHER	NWT 300 Planning work in the Rail Corridor
INFORMATION:	NWT 308 Absolute Signal Blocking
	NPR 703 Using Absolute Signal Blocking
	NPR 711 Using Lookouts
	NPR 712 Protecting work from rail traffic on adjacent lines
	NGE 200 Walking in the Danger Zone

SWI Custodian: Maintenance Operations Manager City North Territory OFFICIAL SWI Approver: Associate Director Maintenance Operations 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).				
SWI details and protection arrangements have been reviewed and validated for the assessed worksite location.				
Corridor Safety Number	Protection Officer Signature	Da	ite	

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

otection Office	name	signature	contact N			
Work location:	Boronia	oignataio	Johnson			
Scope of work:	Routine signal maintenance activities					
Norksite protection			Refer to Worksite Protection Plan for details			
Hazards (e.g. Site	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.	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			
Electrical infra	structure	Electrical infrastructure is to be treated as live and workers must maintain a safe approach distance as instructed by the Protection Officer or Workplace Supervisor.	Protection Office & Workplace Supervisor			
Access to / Egi	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 o	distraction	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			
Multiple entry	points into worksite	ASB implemented	Protection Office			

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	amtenance			
Vork	place Supervisor details	;		
		name		contact No.
Eme	rgency assembly point:	Access Gate	SWMS/SWI Ref #:	
First locat	aid kit ion: Sydney Train	s work vehicle	First aider:	
	place Supervisor ack	nowladgement		
	•	•		
	/orkplace Supervisor acknowledg priate controls in place to manag	ges that all identified WHS and rail safety le e and/or eliminate the hazards.	hazards have the Yes 🗆	signature
artio	cipant Acknowledgem	nent		
NOT	TE : Recipients of the briefing are	to question the Briefer if they don't unders	stand any part of this briefing.	
All w	vorkers listed below acknowledge	e that they:		
1.	have been inducted to the site		6. have been briefed on the contents of the Worksite Protect	ion Plan
2.	are free from alcohol and drugs		7. have been shown the Worksite Protection Plan diagram	
3.	are free from the effects of fatig		8. understand the kinds and limits of worksite protection in p	lace
4.	•	Rail Safety Worker Authorisation, trade	have been briefed about any new hazards and controls id	
٦.		e.g. Construction Industry Induction	the final site inspection (final site inspection must be conducted	
5.		onal Protective Equipment (PPE)	before commencing work)	,
Mark	each check box below with a tick	if the item applies or a cross 🗷 if the item does	s not apply.	
	have been informed of the requ	irements of the electrical permit (if	have been made aware of any hazardous materials/subst	ances on site.
	required)	1		
			have been briefed on Safety Data Sheets (SDS)	
ш		S/SWIs/documented safe work practice	have been briefed on the WHS Management plan.	
	for the job.		have been briefed on the WHS Management plan.	
	have been instructed in the con SWMS/SWIs	trols recorded in this document and	have been briefed on the hazards of adjoining worksites/p	rocesses.
Nan		Signature	Time of briefing: Amendment briefing	1:
		3	hh:mm and initial	
		1		

Worksite Protection Plan - Absolute Signal Blocking Signaller details **Hornsby North Signal Box** name 02 9701 1513 1. ASB Request - Protection Officer details signature contact No RSW or RIW No Planned Duration Type of work: Routine signals maintenance activities 2. Worksite location On the Up Main Line HR112 UM Signal HR109 UM Signal from to Down Main line HR107 DM Signal HR110 DM Signal On the from to 3. Protection to be used Signal(s) at STOP with Points secured blocking facilities applied Protection is required from other Signallers(s) at Location / panel 4. Assurances All points of entry into the affected portion of track are protected and blocking facilities applied \square The last rail traffic to pass The last known location of rail traffic ID the protection was rail traffic is Confirm that there is no rail traffic between the protection and the worksite \square 5. Authorisation Authorised by Signaller name panel hr Protection Notes Number 6. Temporarily Suspending ASB Provide the name and Provide the name and Provide the name and worksite location worksite location worksite location Workers and equipment are Workers and equipment are Workers and equipment are clear of the Danger Zone clear of the Danger Zone clear of the Danger Zone Provide protection number Provide protection number Provide protection number ASB suspended at ASB suspended at ASB suspended at hr hr hr 7. Re-establish ASB assurances The worksite location is The worksite location is The worksite location is identical identical identical All points of entry into the All points of entry into the All points of entry into the affected portion of track are affected portion of track are affected portion of track are protected and blocking protected and blocking protected and blocking facilities applied facilities applied facilities applied The last rail traffic to The last rail traffic to The last rail traffic to rail traffic ID rail traffic ID rail traffic ID pass the protection was pass the protection was pass the protection was The last known location The last known location The last known location of rail traffic is of rail traffic is of rail traffic is There is no approaching rail There is no approaching rail There is no approaching rail П П traffic between the protection traffic between the protection traffic between the protection and the worksite and the worksite and the worksite ASB re-established at ASB re-established at ASB re-established at hr hr

8. Ending

Protection

Number

Protection

Number

Protection

Number

worksite location c	clear of	and equipment the Danger Zone	number	ection L Ended at	hr
6. Temporarily Suspending A	SB				
Provide the name and worksite location		Provide the name and worksite location		Provide the name and worksite location	
Workers and equipment are clear of the Danger Zone		Workers and equipment a clear of the Danger Zone	re 🔲	Workers and equipment ar clear of the Danger Zone	е 🔲
Provide protection number		Provide protection number	r 🗆	Provide protection number	
ASB suspended at	hr	ASB suspended at	hr	ASB suspended at	hr
7. Re-establish ASB assurance	ces				
The worksite location is identical		The worksite location is identical		The worksite location is identical	
All points of entry into the affected portion of track are protected and blocking facilities applied		All points of entry into the affected portion of track ar protected and blocking facilities applied	re 🗆	All points of entry into the affected portion of track are protected and blocking facilities applied	e 🗆
The last rail traffic to pass the protection was	traffic ID	The last rail traffic to pass the protection was	rail traffic ID	The last rail traffic to pass the protection was	rail traffic ID
The last known location of rail traffic is	location	The last known location of rail traffic is	location	The last known location of rail traffic is	location
There is no approaching rail traffic between the protection and the worksite		There is no approaching ratraffic between the protect and the worksite		There is no approaching ra traffic between the protection and the worksite	
ASB re-established at	hr	ASB re-established at	hr	ASB re-established at	hr
Protection Number		Protection Number	1	Protection Number	l
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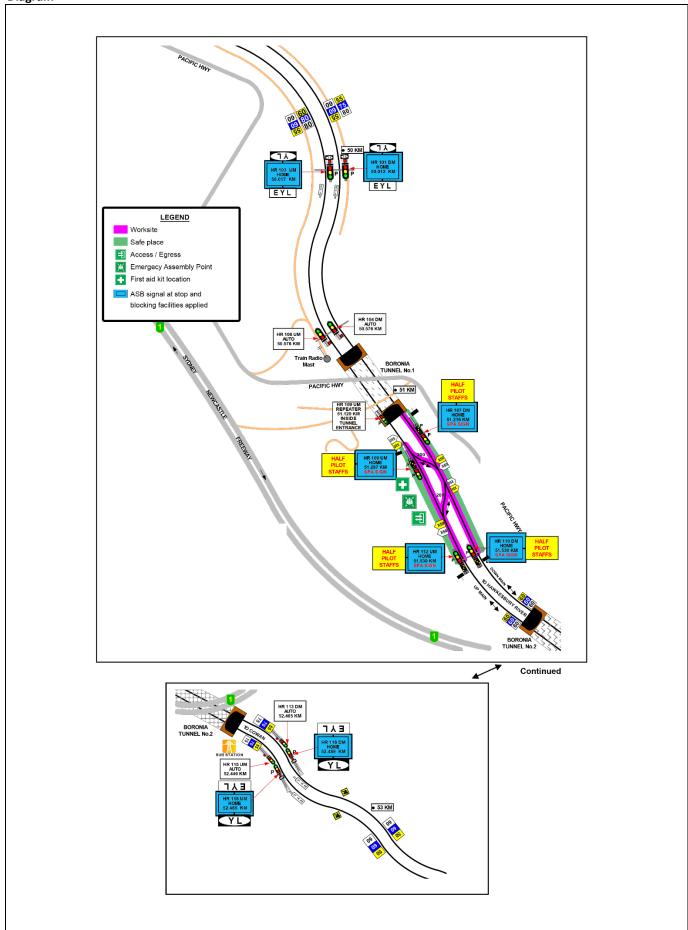


1. Workers enter corridor via gate N00 50.930 D on Pacific Highway, Cowan. 2. Protection Officer briefs workers about the worksite protection arrangements. 3. Protection Officer contacts the Signaller at Hornsby North Signal Box and requests ASB. 4. Workers remain in safe place until Protection Officer informs all protection is in place. 5. After the ASB is authorised workers start work 6. Workers move to safe place after work is complete. 7. Protection Officer contacts the Signaller at Hornsby North Signal Box to end ASB. 8. Workers exit workplace via gate N00 50.930 D on Pacific Highway, Cowan ADDITIONAL DETAILS When ASB is suspended, workers must clear the worksite on both lines and move to a safe place regardless of which line rail traffic is approaching on. Workers must not enter the Danger Zone until the ASB has been established on both lines.

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Diagram







Protection Officer's diary

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Date	Time	Notes
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