



DOCUMENT NO.	D2021/27658
WORK DESCRIPTION	Routine Network Maintenance Activities for Metropolitan Colliery
WPP Number	SC38A2 10119
SCOPE:	This SWI is applicable for the worksite protection arrangements using a Track Occupancy Certificate (TOA) 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 2 or higher. Placing TOA Protection: Hand Signaller Level 1 or higher, or Protection Officer Level 1 or higher.
SAFETY CONTROLS – Track Occupancy Authority (TOA)	The nominated worksite location is: On the Up Illawarra between WG 737 U Signal and WG 736 U Signal, Down Illawarra between WG735D Signal and WG 734 D Signal, Metropolitan Colliery Line between WG 735 D and WG 732 B Signal The nominated TOA Limits are: On the Up Illawarra between WG 741 U Signal and WG 730 U Signal, Down Illawarra between WG739 D Signal and WG 728 D Signal, Metropolitan Colliery Line/ Down Illawarra between WG 739 D and End of Terminal Line
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. Qualified Workers placing protection require: 12x Railway Track Signals 4x Worksite Protection Markers
FURTHER INFORMATION:	NWT 300 Planning work in the Rail Corridor NWT 304 Track Occupancy Authority NPR 702 Using a Track Occupancy Authority NPR 707 Clipping points NRF 002 Track Occupancy Authority (TOA) NGE 200 Walking in the Danger Zone NLA 410 Sutherland to Wollongong

TOA Worksite Protection for Metropolitan Colliery



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 com pre-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			te	

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.

TOA Worksite Protection for Metropolitan Colliery



Worksite Protection Pre-work Briefing

		Brie	efing date:	1 1
Protection Offic	er details			
	name	signature		contact No.
Work location:	Metropolitan Colliery			
Scope of work:	Routine Network Maintenance Act	tivities		

Worksite protection: TOA	Refer to Worksite Protection 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		
Approaching rail traffic	TOA implemented.	Protection Officer		
Adjacent live lines	Designated work and walk areas as per Protection Officer's instructions. All work must stop when warned by Protection Officer until rail traffic has passed.	Protection Officer		
Electrical infrastructure	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 Officer and Workplace Supervisor		
Mobile phone distraction	Mobile phone usage is only allowed in the Danger Zone when required for work purposes. Other than being used for work purposes, mobile phones may be used only in a safe place after informing the Protection Officer.	All		
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		



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Workpla	ce Supervisor detai	s					
		name					contact No.
Emergen	cy assembly point:	Access Gate	swi	MS/SW	I Ref #:		
First aid l location:	Sydney Train	s work vehicle	First	aider:			
Workpla	ace Supervisor ac	knowledgement					
		ges that all identified WHS and rail safety l	nazards	s have the	Yes 🗆		signature
		e and/or eliminate the hazards.					
-	ant Acknowledge		stand a	av nart of	this briefing		
		to question the Briefer if they don't unders	stand a	ly part or	this briefing.		
	s listed below acknowledge	that they:	Τ,	h h -			of the Wardwite Doctorius Dies
	e been inducted to the site		6. 7.				of the Worksite Protection Plan otection Plan diagram
	free from alcohol and drugs free from the effects of fatig		8.				worksite protection in place
	•	Rail Safety Worker Authorisation, trade	9.				hazards and controls identified during
		e.g. Construction Industry Induction	J.				spection must be conducted immediately
5. must	t wear the appropriate Pers	onal Protective Equipment (PPE)		before co	ommencing work)		
Mark each	check box below with a tick 🗹	if the item applies or a cross 🗷 if the item does	not app	ly.			
	e been informed of the required)	irements of the electrical permit (if		have be	een made aware o	f any haz	zardous materials/substances on site
have	e been briefed on the SWM	S/SWIs/documented safe work practice		have been briefed on Safety Data Sheets (SDS)			
_	he job			have been briefed on the WHS Management plan			
have been instructed in the controls recorded in this document and SWMS/SWIs			have be	een briefed on the	hazards	of adjoining worksites/processes.	
Name		Signature	Tim hh:r	e of brief nm	fing:		Amendment briefing: hh:mm and initial
			-				
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INSTRUCTIONS:

TOA Worksite Protection for Metropolitan Colliery



Worksite Protection Plan - Track Occupancy Authority Signaller details

	name	Wollongong North Panel		02 4223 5446		
Protection Of	ficer details					
	name		signature		contact No.	
	RSW or RIW No.		designation	Planned duration		
Workplace Su	pervisor details:	·				
Type of work:	Routine Network Mainte	enance Activities				
Worksite lo	ocation					
on the		Up IIIa	warra Line			
between	WG 737 U Sigr	nal	and	WG 736 U Signal		
on the		Down III	awarra Line			
between	WG 735 D Sign	nal	and	WG 734 D Signal		
on the		Metropolita	n Colliery Line			
between	WG 735 D Sign	nal		WG 732 B Signal		

The following are diagrams, notes, and detailed instructions. These are to be read and followed as part of this worksite protection plan for TOA.

Workers enter the rail corridor via Access Gate I00 48.489 U Protection Officer conducts the worksite protection pre-work briefing. 2. Protection Officer contacts the Supervisor at Metropolitan Colliery (02 4294 7228) to ensure that Colliery Line is clear of rail traffic Protection Officer contacts the Signaller at Wollongong North Panel and requests TOA. Instruct Qualified Workers to place Railway Track Signal protection and Worksite Protection Markers at 48.400 KM and 49.600 KM on the Up and Down Illawarra lines. Protection Officer informs the workplace supervisor that it is safe for work to start. Workers start work. After all work is completed, move all workers and equipment into a safe place. Instruct Qualified Workers to remove Railway Track Signal protection, Worksite Protection Markers from the TOA. 10. Workers egress the rail corridor via Access Gate I00 48.489 U 11. After all protection is removed, Protection Officer contacts the Signaller Wollongong North Panel that work is complete, all protection has been removed from the line, workers and equipment are clear of the Danger Zone and if any restrictions have been applied to fulfil the TOA. This RNMWPP can only be used when the Metropolitan Colliery is clear of Rail Traffic. **ADDITIONAL DETAILS:** To ensure the line is clear the Protection Officer must call the colliery on (02 4294 7228).

When requesting the TOA, the Protection Officer must advise the Signaller that the Metropolitan Colliery Line is

clear of rail traffic.

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ACCESS/EGRESS:

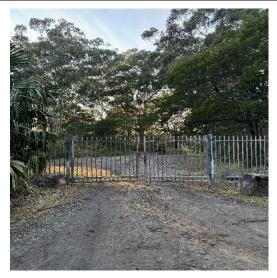


Image 1: Access gate 100 48.489 U to Worksite and protection placed at 49.600 Km



Image 2: Access gate 100 48.349 U to Protection placed at ${\bf 48.400~Km}$

TOA LIMITS:



Image 1: Helensburgh TOA limits at WG 741 U Signal and WG 739 D Signal

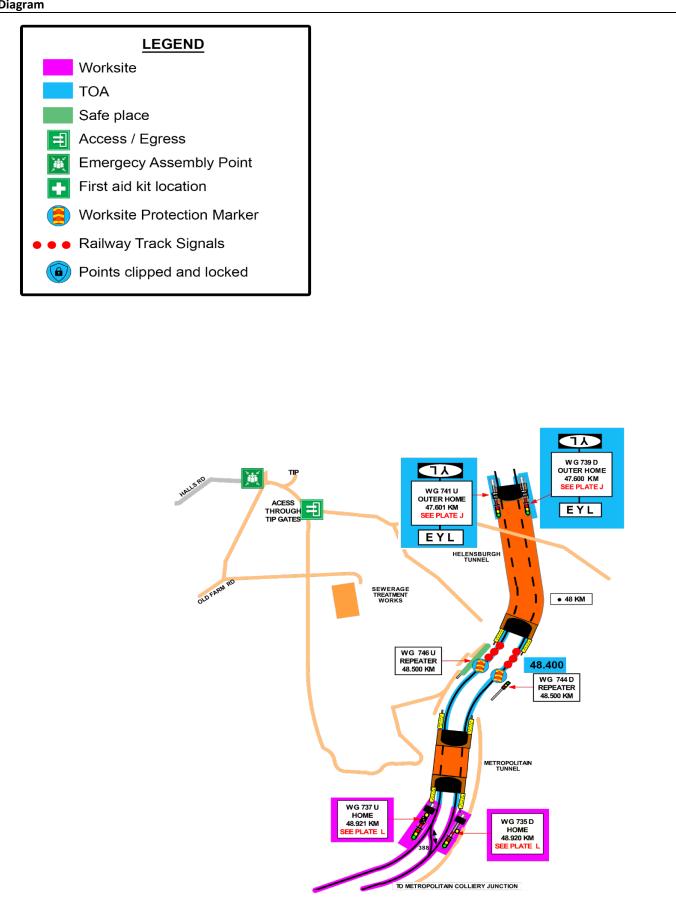


Image 2: Otford side TOA limits WG 730 U Signal and WG 728 D Signal

TOA Worksite Protection for Metropolitan Colliery

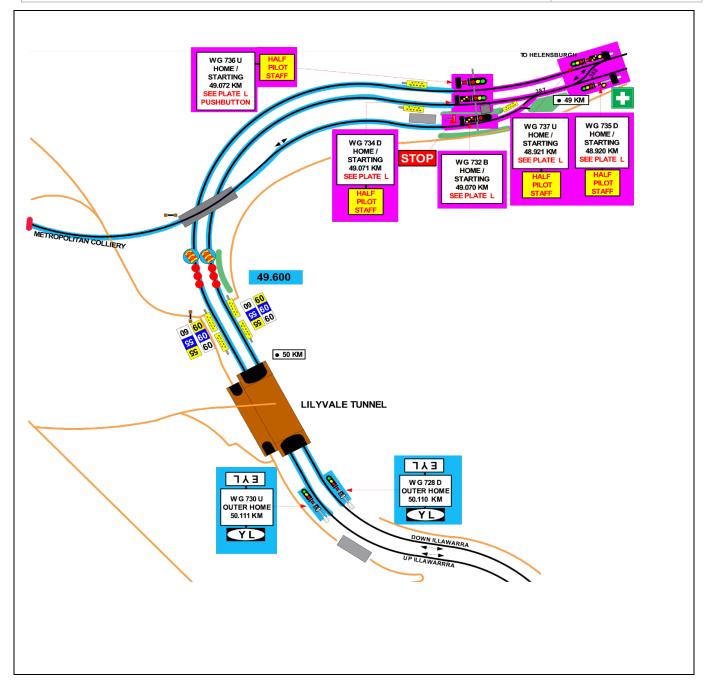


Diagram



TOA Worksite Protection for Metropolitan Colliery









Protection Officer's diary

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Date	Time	Notes
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