

DOCUMENT NO.	D2023/7801
WORK DESCRIPTION	Routine Network Maintenance Activities
WPP Number	SC20A2 10122
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: Handsignaller Level 1 or higher, or Protection Officer Level 2 or higher.  The nominated worksite location is:
SAFETY CONTROLS –	On the <b>Down Port Kembla Line</b> between <b>Clear of 190 points</b> and <b>Clear of 186</b>
Track Occupancy	points .
Authority (TOA)	On the No. 1 Siding between WG 51 D and Clear of 531 points
	Protection is placed at:
	• 190 points and 186 points are clipped and locked to prevent access to the worksite.
	• 531 points are protected by BHP road control and Protection Officer is issued a permit number.
	Worksite Protection Markers placed clear of each set of points that have been clipped and locked.
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.
	Qualified Workers placing protection require:
	o 3 x worksite protection markers
	○ 2 x Standard point clips, 2 x SL keys and Locks
	NWT 300 Planning work in the Rail Corridor
	NWT 304 Track Occupancy Authority
	NPR 702 Using a Track Occupancy Authority
FURTUER	NPR 707 Clipping points
FURTHER INFORMATION:	NRF 002 Track Occupancy Authority (TOA)
	NPR 712 Protecting work from rail traffic on adjacent lines
	NGE 200 Walking in the Danger Zone
	NLA 608 Port Kembla

# **TOA Worksite Protection for B Frame at Cringila**



Protection Officer assessment checklist				
Protection Officer's name:	<b>Yes</b> (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 location.				
Corridor Safety Number Protection Officer Signature Date			nte	

#### 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 B Frame at Cringila**



## **Worksite Protection Pre-work Briefing**

		Bri	iefing date:	1 1
Protection Offic	er details			
	name	signature		contact No.
Work location:	Cringila B Frame			
Scope of work:	Routine network maintenance act	ivities		

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			

Safe Work	Instruction							Transport
TOA Work	site Protecti	on for B Frame at Cringila					of	Sydney Trains
Workplace Sı	upervisor detai	ls						
		name						contact No.
Emergency as	sembly point:	Access Gate	sv	VMS/SW	I Ref #:			
First aid kit ocation:	Sydney Train	ns work vehicle	Firs	st aider:				
Workplace S	Supervisor ac	knowledgement		·				
• The Workplace Su	- upervisor acknowled	ges that all identified WHS and rail safety te and/or eliminate the hazards.	hazar	ds have the	Yes			signature
Participant A	Acknowledge	ment						
NOTE: Recipien	ts of the briefing are	to question the Briefer if they don't under	stand	any part of	this briefing			
All workers listed	d below acknowledg	e that they:						
All workers listed below acknowledge that they:  1. have been inducted to the site 2. are free from alcohol and drugs 3. are free from the effects of fatigue 4. hold the applicable and current Rail Safety Worker Authorisation, trade licence and/or induction record e.g. Construction Industry Induction 5. must wear the appropriate Personal Protective Equipment (PPE)			7.	6. have been briefed on the contents of the Worksite Protection Plan 7. have been shown the Worksite Protection Plan diagram 8. understand the kinds and limits of worksite protection in place 9. have been briefed about any new hazards and controls identified during the final site inspection (final site inspection must be conducted immediately before commencing work)				
		if the item applies or a cross 🗷 if the item doe	o not o	nnlu				
<ul> <li>have been informed of the requirements of the electrical permit (if required)</li> <li>have been briefed on the SWMS/SWIs/documented safe work practice for the job</li> <li>have been instructed in the controls recorded in this document and</li> </ul>			<ul> <li>have been made aware of any hazardous materials/substances on site</li> <li>have been briefed on Safety Data Sheets (SDS)</li> <li>have been briefed on the WHS Management plan</li> <li>have been briefed on the hazards of adjoining worksites/processes.</li> </ul>					
SWMS/SW Name	/15	Signature		me of brief	ing:		Amendm hh:mm ar	ent briefing:
			+					

#### TOA Worksite Protection for B Frame at Cringila



# Worksite Protection Plan – Track Occupancy Authority Signaller details

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	name	Wollongong Panel		02 4223 5538		
Protection	Officer details					
	name			signature		contact No.
	RSW or RIW No.			designation	Planned duration	
Workplace \$	Supervisor details:					
Type of wor	k:					
Worksite	location					
on the		Down	Port Kemb	a Line		
between	Clear of 186 Points		and		Clear of 190 Points	
on the		No. 1 Siding/	Down Port	Kembla Line		
between	Clear of 531 Points (BHP S	idings)	and		WG 51 D	

The following are diagrams, notes and detailed instructions.

These are to be read and followed as part of this worksite protection plan for TOA.

#### **INSTRUCTIONS:**

- 1. Workers enter the rail corridor via Access Gate I10 87.923 via BlueScope
- 2. Protection Officer conducts the worksite protection pre-work briefing.
- 3. Protection Officer calls BlueScope Road Control (02 4275 7494) and requests 531 points be secured to prevent access to B Frame. Protection Officer receives and records BlueScope Isolation number.
- 4. Protection Officer contacts the Signaller at Wollongong Panel and requests TOA.
- 5. Instruct Qualified Workers to clip and lock 186 points and 190 points to prevent access to the worksite and place a Worksite Protection Marker clear of the points.
- 6. Protection Officer places a Worksite Protection Marker clear of 531 points and informs the workplace supervisor that it is safe for work to start.
- 7. Protection Officer informs the workplace supervisor that it is safe for work to start.
- 8. Workers start work.
- 9. After all work is completed, move all workers and equipment into a safe place.
- 10. Instruct Qualified Workers to remove Railway Track Signal protection, Worksite Protection Markers and point clips from the TOA.
- 11. After all protection is removed, Protection Officer contacts the Signaller Wollongong 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.
- 12. Protection Officer calls BlueScope Road control and advises that all work is complete under the provided isolation number.
- 13. Workers egress the rail corridor via Access Gate **I10 87.923** via BlueScope

# ADDITIONAL DETAILS

531 points are controlled and operated by BlueScope Road Control, before any work can take place the Protection Officer must call and advise BlueScope Road Control what protection is required at 531 points as it is an intermediate access point.

When BlueScope Road Control have applied the protection (clipped and locked 531 points to prevent access into the worksite), they will issue the Protection Officer an Isolation Number.

The Protection Officer must then need to provide the Isolation Number to the Signaller before the requested TOA is issued.

The Protection officer must place the Worksite Protection Marker clear of 531 (Image 3) points once the TOA is issued prior work commencing.

Upon completion of work and fulfillment of TOA with Signaller, the Protection Officer must contact BlueScope Road Control and end Isolation

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

Issue Date: 17/07/2024 Version: 1.2

# **TOA Worksite Protection for B Frame at Cringila**



TOA LIMITS:



Image 1: Wollongong Side TOA Limits 190 Points (Point Clip position circled)



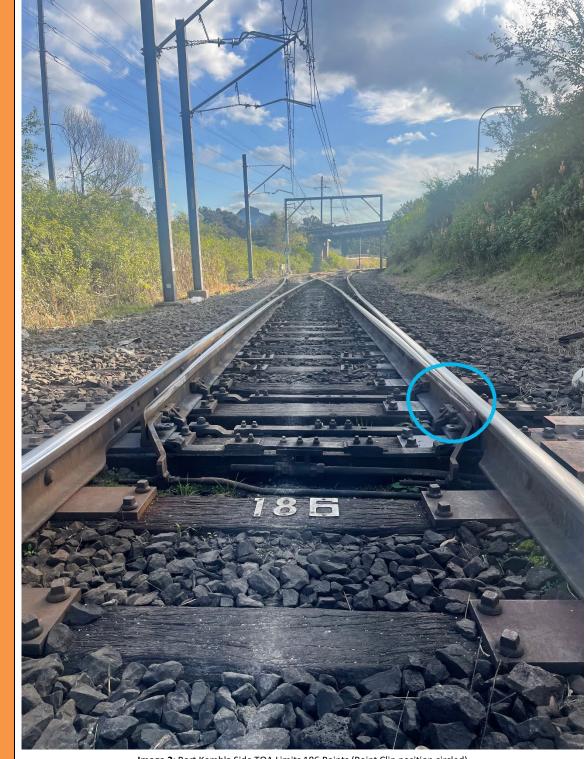






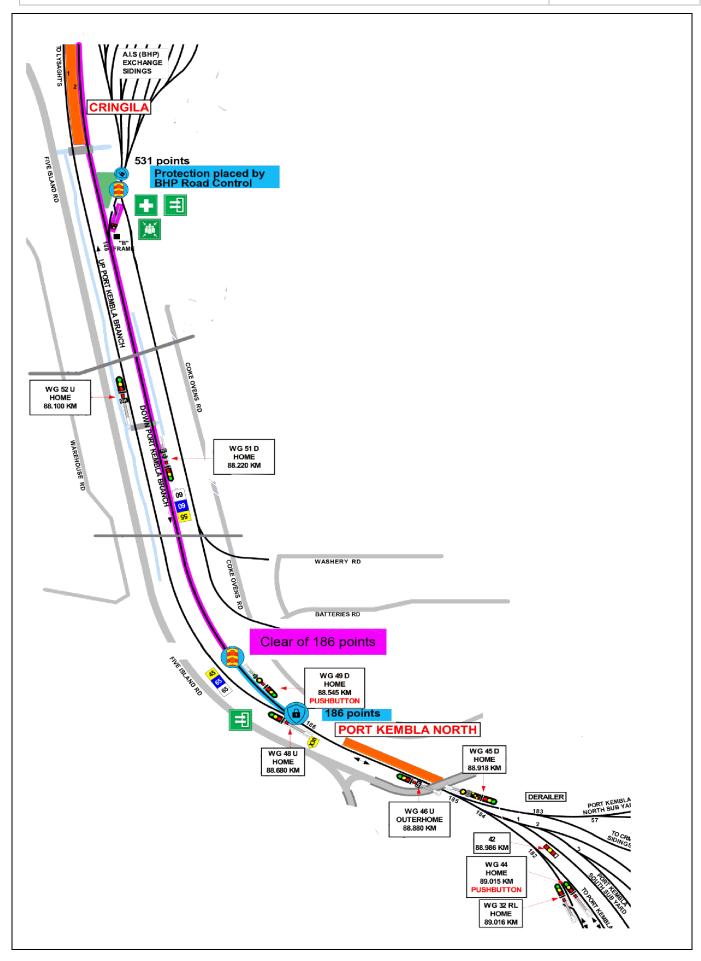
Image 3: Worksite Protection Marker placed clear of 531 Points (531 points clipped and locked by BlueScope Road Control)

## **TOA Worksite Protection for B Frame at Cringila**



Diagram **LEGEND** Worksite TOA 77 86.64 KM Safe place WG 80 U HOME 86.52 KM Access / Egress WG 79 D HOME 86.620 KM USHBUTTO **Emergecy Assembly Point** First aid kit location WG 75 LS HOME 86.745 KM 76 86.71 KM Worksite Protection Marker Railway Track Signals 73 86.75 KM WG 71 D HOME 86.79 KM JSHBUTTON Points clipped and locked WG 70 U HOME 86.925 KM JSHBUTTO 68 87.011 KM 190 Points WG 66 AIS HOME 87.01 KM 1 Clear of 190 points A.I.S (BHP) EXCHANGE SIDINGS WG 64 U HOME 87.39 KM WG 63 D HOME 87.38 KM MERRETT AVE





# **TOA Worksite Protection for B Frame at Cringila**



**Protection Officer's diary** 

Date	Time	Notes
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