

Safe Work Instruction

Worksite Protection for Tempe Routine Network Maintenance Activities for Up and Down Goods and Up and Down Illawarra Local



DOCUMENT NO.	D2025/6472
WORK DESCRIPTION	Routine network maintenance activities – Tempe Signals - ASB
WPP Number	CS24C 10112
SCOPE:	<p>This SWI is applicable for the worksite protection arrangements using Absolute Signal Blocking (ASB) concerning routine network maintenance, defect management and repair of assets within the limits specified below and in the attached plan.</p> <p>Work activities include:</p> <ul style="list-style-type: none"> 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:	<p>Protection Officer:</p> <ul style="list-style-type: none"> Protection Officer Level 1 or higher
SAFETY CONTROLS - Absolute Signal Blocking (ASB) arrangements:	<p>Absolute Signal Blocking established to exclude Rail Traffic on:</p> <ul style="list-style-type: none"> Up Illawarra Local between SM 648 IL signal and SM 636 IL Signal. Down Illawarra Local between SM 639 IL signal and SM 647 IL Signal. Up Goods/ Up Illawarra Local between SM 648 IL signal and SM 643 signal Down Goods/ Down Illawarra Local between SM 641 G and SM 647 IL <p>For Reference Only:</p> <p>The Accessed Worksite is Protected by:</p> <ul style="list-style-type: none"> SM629 IL and SM639 IL Signals at STOP on Down Illawarra Local SM656 IL and SM648 IL Signals at STOP on Up Illawarra Local 750 Points Secured in Normal, with SM650 I Signal Route Blocked on Up Illawarra 749 Points Secured in Normal SM 641 G and SM695 Signal at STOP and Block on F Frame on Down Goods SM 643 and SM 697 Signal at STOP on Up Goods
PRESTART REQUIREMENTS:	<p>Protection Officer assessment checklist must be completed before instructions in this SWI are followed.</p> <p>Tools and equipment required:</p> <ul style="list-style-type: none"> Protection Officer requires a phone to contact the Signaller
FURTHER INFORMATION:	<p><i>NWT 300 Planning work in the Rail Corridor</i></p> <p><i>NWT 308 Absolute Signal Blocking</i></p> <p><i>NPR 703 Using Absolute Signal Blocking</i></p> <p><i>NGE 200 Walking in the Danger Zone</i></p> <p><i>NLA 400 Central to Sutherland</i></p> <p><i>NLA 510 Sydenham to Glenfield</i></p>

Safe Work Instruction

Worksite Protection for Tempe Routine Network Maintenance Activities for Up and Down Goods and Up and Down Illawarra Local



Protection Officer assessment checklist

Protection Officer's name:

Yes

(Tick if Yes)

This document is still current at the time of its application? (Up to 12 months from the document issue date)

On-site safety assessment has been completed and additional hazards and controls recorded on the 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

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.

Safe Work Instruction**Worksite Protection for Tempe Routine Network Maintenance Activities for Up and Down Goods and Up and Down Illawarra Local****Worksite Protection Pre-work Briefing**Briefing date: / / **Protection Officer Details**
 name signature contact No.
Work location: **Up and Down Illawarra Local and Up and Down Goods**Scope of work: **Routine network maintenance activities**Worksite protection: **Absolute Signal Blocking (ASB)** 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
Struck by rail traffic	ASB implemented on the Up and Down Illawarra Local and Up and Down Goods, as per worksite protection plan. Workers to remain within worksite limits.	Protection Officer
Adjacent live lines	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 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 & Workplace Supervisor
Access to / Egress from worksite	Protection Officer will assess and instruct when it is safe for workers to use <i>NGE 200 Walking in the Danger Zone</i> to move to and from the worksite or safe place.	All
Mobile phone 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

☐ A final site inspection has been conducted immediately before commencing work, and any new hazards and controls have been included.

Worksite Protection for Tempe Routine Network Maintenance Activities for Up and Down Goods and Up and Down Illawarra Local



Safe Work Instruction**Worksite Protection for Tempe Routine Network Maintenance Activities for Up and Down Goods and Up and Down Illawarra Local****Worksite Protection Plan – Absolute Signal Blocking****1. ASB Request – Protection Officer Details**

name	signature	contact No.
RSW or RIW No.	designation	Planned Duration

Type of work:

2. Worksite Location

On the	Down Illawarra Local	from	SM639 IL Signal	to	SM647 IL Signal
On the	Up Illawarra Local	from	SM 648 IL Signal	to	SM 636 IL Signal
On the	Down Goods / Down Illawarra Local	from	SM 641 G Signal	to	SM647 IL Signal
On the	Up Illawarra Local/ Up Goods	from	SM648 IL Signal	to	SM643 Signal

3. Protection to be used

Signal(s) at STOP with blocking facilities applied	Points secured
--	----------------

Protection is required from other Signallers(s) at Sydenham Location / panel Location / panel

4. Assurances

All points of entry into the affected portion of track are protected and blocking facilities applied ☐

The last rail traffic to pass the protection was rail traffic ID The last known location of rail traffic is location

Confirm that there is no rail traffic between the protection and the worksite ☐

5. Authorisation

Authorised by Signaller

name	Wolli Creek panel	hr	/ /
------	-------------------	----	-----

Protection Number Notes

6. Temporarily Suspending ASB

Provide the name and worksite location <input type="checkbox"/>	Provide the name and worksite location <input type="checkbox"/>	Provide the name and worksite location <input type="checkbox"/>
Workers and equipment are clear of the Danger Zone <input type="checkbox"/>	Workers and equipment are clear of the Danger Zone <input type="checkbox"/>	Workers and equipment are clear of the Danger Zone <input type="checkbox"/>
Provide protection number <input type="checkbox"/>	Provide protection number <input type="checkbox"/>	Provide protection number <input type="checkbox"/>
ASB suspended at <input type="text"/> hr	ASB suspended at <input type="text"/> hr	ASB suspended at <input type="text"/> hr

7. Re-establish ASB assurances

The worksite location is identical <input type="checkbox"/>	The worksite location is identical <input type="checkbox"/>	The worksite location is identical <input type="checkbox"/>
All points of entry into the affected portion of track are protected and blocking facilities applied <input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied <input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied <input type="checkbox"/>
The last rail traffic to pass the protection was <input type="text"/> rail traffic ID <input type="text"/>	The last rail traffic to pass the protection was <input type="text"/> rail traffic ID <input type="text"/>	The last rail traffic to pass the protection was <input type="text"/> rail traffic ID <input type="text"/>
The last known location of rail traffic is <input type="text"/> location <input type="text"/>	The last known location of rail traffic is <input type="text"/> location <input type="text"/>	The last known location of rail traffic is <input type="text"/> location <input type="text"/>

Safe Work Instruction**Worksite Protection for Tempe Routine Network Maintenance Activities for Up and Down Goods and Up and Down Illawarra Local**

There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	hr	ASB re-established at	hr	ASB re-established at	hr
Protection Number		Protection Number		Protection Number	

8. Ending

Provide name and worksite location	<input type="checkbox"/>	Workers and equipment clear of the Danger Zone	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>	Ended at	hr
------------------------------------	--------------------------	--	--------------------------	---------------------------	--------------------------	----------	----

6. Temporarily Suspending ASB

Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>
Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>
Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>
ASB suspended at	hr	ASB suspended at	hr	ASB suspended at	hr

7. Re-establish ASB assurances

The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>
All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>
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 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	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	hr	ASB re-established at	hr	ASB re-established at	hr
Protection Number		Protection Number		Protection Number	

Notes

--

6. Temporarily Suspending ASB

Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>	Provide the name and worksite location	<input type="checkbox"/>
Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>	Workers and equipment are clear of the Danger Zone	<input type="checkbox"/>
Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>	Provide protection number	<input type="checkbox"/>
ASB suspended at	hr	ASB suspended at	hr	ASB suspended at	hr

7. Re-establish ASB assurances


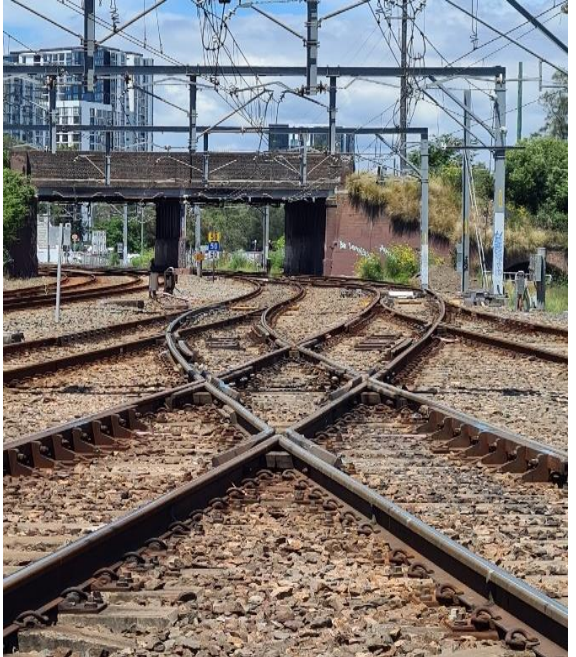
Safe Work Instruction

Worksite Protection for Tempe Routine Network Maintenance Activities for Up and Down Goods and Up and Down Illawarra Local



The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>	The worksite location is identical	<input type="checkbox"/>
All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>	All points of entry into the affected portion of track are protected and blocking facilities applied	<input type="checkbox"/>
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 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	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>	There is no approaching rail traffic between the protection and the worksite	<input type="checkbox"/>
ASB re-established at	hr	ASB re-established at	hr	ASB re-established at	hr
Protection Number		Protection Number		Protection Number	

Notes

INSTRUCTIONS:	<ol style="list-style-type: none"> Workers enter the rail corridor via I00 6.733 U at the City end of Tempe Station Upside carpark. Protection Officer briefs workers about the worksite protection arrangements. Protection Officer contacts Wolli Creek Panel, to request the ASB on the Up and Down Illawarra Locals. After ASB has been authorised, start work within the limits of the nominated worksite location. After work is complete, workers move to a safe place. Protection Officer contacts the Signaller at Wolli Creek Panel to end ASB. All workers egress the rail corridor via I00 6.733 U at the City end of Tempe Station Upside carpark 	
SAFeworking HAZARDS	<p><u>Suspending ASB</u></p> <p>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.</p>	
IMAGES:	<p>Image 1: Access gate I00 6.733 U Tempe Station</p> 	<p>Image 2: 746 and 747 points within the worksite location</p> 

Worksite Protection for Tempe Routine Network Maintenance Activities for Up and Down Goods and Up and Down Illawarra Local

Protection Officer's diary

[illegible]