

# Safe Work Instruction

Worksite Protection for Olympic Park Tunnel routine network maintenance activities



<b>DOCUMENT NO.</b>	D2022/4436		
<b>WORK DESCRIPTION</b>	Routine network maintenance activities		
<b>WPP Number</b>	CW7B 10156	<b>SAP Code</b>	RWPP5006 / RWP5007
<b>SCOPE:</b>	<p>This SWI is applicable only for the worksite protection arrangements of the routine network maintenance activities performed by the City West maintenance teams on the:</p> <p><b>Outer Platform and Inner Platform Roads</b> between <b>ST 823 Signal</b> and <b>ST 844 Signal</b>. Exclusive of the tracks within <b>Platforms 1,2,3 and 4</b>.</p> <p>Work activities include:</p> <ul style="list-style-type: none"> <li>• Track inspections and measurements</li> <li>• Points inspections and maintenance</li> <li>• Train stop maintenance</li> <li>• Signal and lights maintenance</li> <li>• Track-circuit testing</li> <li>• Structure inspection and maintenance</li> <li>• OHW patrol and inspection</li> <li>• Revised compliance date activities</li> </ul>		
<b>AUTHORISATIONS:</b>	<p><b>Protection Officer:</b> Protection Officer Level 1 or higher  <b>Lookout:</b> Hand Signaller Level 1 or higher, Protection Officer Level 1 or higher.</p>		
<b>SAFETY CONTROLS – Lookout Working arrangements:</b>	<p>The nominated worksite location for Lookout Working includes the <b>Outer Platform and Inner Platform Road</b> between <b>ST 823 Signal</b> and <b>ST 844 Signal</b>.</p> <p>Additional arrangements under NLA 118 which allows establishing worksites using Lookouts and Warning Lights as a safety measure in Olympic Park tunnels.</p> <p>As work moves along the track, the Protection Officer must assess the new location and:</p> <ul style="list-style-type: none"> <li>• Establish Lookouts as required to watch Warning Lights for the approach of rail traffic from the normal running direction</li> <li>• Establish Lookouts as required to watch for the approach of rail traffic from the wrong running direction</li> <li>• Designate and instruct which safe places the workers are to use as the work is completed along the work route within the worksite limits.</li> <li>• In tunnel areas, refuges with metal railings are identified safe places for workers and Lookouts.</li> </ul>		
<b>PRESTART REQUIREMENTS:</b>	<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"> <li>• Protection Officer requires a phone to contact the Signaller.</li> <li>• Lookouts require a high-visibility arm sleeve</li> </ul>		
<b>FURTHER INFORMATION:</b>	<p><i>NWT 300 Planning work in the Rail Corridor</i></p> <p><i>NWT 310 Lookout Working</i></p> <p><i>NPR 711 Using Lookouts</i></p> <p><i>NPR 751 Calculating Minimum Warning Time</i></p> <p><i>NLA 118 Olympic Park</i></p> <p><i>NGE 200 Walking in the Danger Zone</i></p> <p><i>Lookout Working Prohibited Locations Register</i></p>		

**Safe Work Instruction**

Worksite Protection for Olympic Park Tunnel routine network maintenance activities

**Protection Officer assessment checklist**

Protection Officer's name:		Yes (Tick if Yes)
This document has not expired beyond the date of 30/05/2023		
On-site safety assessment has been completed		
The required protection details, environment and tasks are unchanged from the details of this SWI		
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 Olympic Park Tunnel routine network maintenance activities



**Worksite Protection Pre-work Briefing**

Briefing date:

**Protection Officer Details**

Work location:

Scope of work:

Worksite protection:  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
<b>Struck by rail traffic</b>	Lookout Working implemented using additional arrangements under NLA 118. Workers must remain within worksite limits.	Protection Officer
<b>Two-way running / multiple entry points into worksite</b>	Lookouts must warn workers when Warning Lights extinguish or when rail traffic is detected. Workers must stop work and move to a safe place once warned.	Protection Officer
<b>No easily reachable safe place within station platform limits</b>	No working or walking through station platform limits. Higher level of protection required to access.	All
<b>Refuge limitations</b>	Protection Officer will designate each individual's refuge safe place to move to when the Lookout provides warning.	Protection Officer
<b>Electrical infrastructure</b>	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
<b>Access to / Egress from worksite</b>	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
<b>Mobile phone distraction</b>	Mobile phone usage is only allowed in the danger zone when required for work purposes ONLY. Other than being used for work purposes, mobile phones may be used only in a safe place after informing the Protection Officer.	All



Safe Work Instruction

Worksite Protection for Olympic Park Tunnel routine network maintenance activities



Worksite Protection Plan – Lookout Working

Signaller Details

name [ ] Lidcombe Panel [ ] 02 9701 1550 [ ]

Protection Officer Details

name [ ] signature [ ] contact No. [ ]
RSW or RIW No. [ ] designation [ ] Planned duration [ ]

Workplace Supervisor details: [ ]

Type of work: Routine network maintenance activities [ ]

Worksite Location
On the [ Up and Down Homebush Bay Up Loop ]
[ Inner Platform Road ]
[ Outer Platform Road ]
between [ ST 823 Signal ] and [ ST 844 Signal ]

Worksite Assessment

Has the Lookout Working Prohibited Locations Register been consulted? Yes [ ]

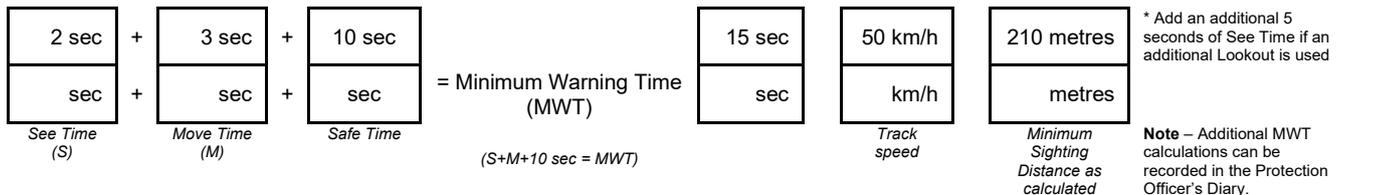
Warning method

Horn [ ] Whistle [ ]

Minimum Warning Time Calculations

Maximum track speed [ 50 km/h ]

Number of Lookouts used [ 1 ] Position of Lookouts [ 16.660 km ] to [ 17.550 km ]
Number of additional Lookouts\* used [ ] Position of Lookouts [ ] km to [ ] km



Where are the safe places identified for the Lookouts and the workers?

Lookouts: [ Designated locations in the refuges, Cess, 6 foot and structures ]
Workers: [ Refuges, Cess, 6 foot and structures ]

Ensure the workers have been briefed about these work details Yes [ ]

Diagrams, notes and detailed instructions of are over the next pages. These are to be read and followed as part of this worksite protection plan for Lookout Working.

**INSTRUCTIONS:**

1. Workers enter the rail corridor at **Olympic Park Station**.
2. Protection Officer briefs workers about the worksite protection arrangements.
3. Protection Officer contacts Lidcombe Panel and tells the Signaller about the use of Lookout Working at Olympic Park Tunnel.
4. Workers enter rail corridor via Olympic Park Station.
5. Protection Officer establishes Lookouts in designated locations.
6. Workers start work up to the designated Lookout locations.
7. Workers move to a safe place.
8. Repeats step 5 - 7 until work is completed.
9. Recall Lookouts.
10. Workers egress the rail corridor via **Olympic Park Station**.
11. Protection Officer contacts the Signaller at Lidcombe Panel to end Lookout Working.

**SAFeworking HAZARDS**

Two-way running & multiple entry points

Rail traffic movements can occur in any direction at any time.

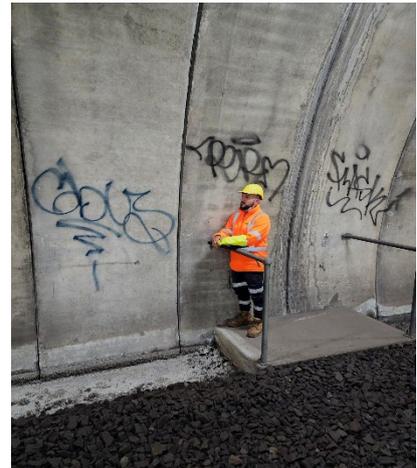
A Lookout is established for each direction of rail traffic approach and must provide warning for any rail traffic approach. Warning Lights may be used as a safety measure for the normal running direction.

Workers must move into a safe place upon a Lookout providing warning regardless of which line the rail traffic is approaching on.

**LOOKOUTS**



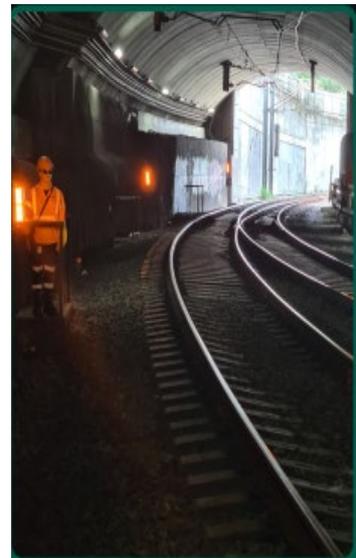
**Image 1:** Lookout location at **ST 825 Signal** near **870 points**.



**Image 2:** Lookout location in the Refuge (Safe Place) at **17.580 Kms** next to **Outer Platform Road** on Country side.



**Image 3:** Lookout location at **17.500 KM** near **ST 836 Signal**.



**Image 4:** Lookout location at **17.770 KM**.

# Safe Work Instruction

Worksite Protection for Olympic Park Tunnel routine network maintenance activities



## Diagram

