

DOCUMENT NO.	D2022/1804
WORK DESCRIPTION	Routine network maintenance activities – FMC (lookout working) – Moving Worksite
WPP Number	CW5B 10159
SCOPE:	<p>This SWI is applicable for the worksite protection arrangements using lookout working 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: Protection Officer Level 1 or higher Lookout: Handsignaller Level 1 or higher, Protection Officer Level 1 or higher.</p>
SAFETY CONTROLS – Lookout Working arrangements:	<p>The nominated worksite location for Lookout Working includes the Up and Down Flemington Goods lines, Up and Down Homebush Bay East Fork lines, Arrival Road, Departure Road, Transfer Road, Shunting Neck, A Road and No. 13 Road, between ST307UG Signal / ST328 Signal and 322 Signal.</p> <p>The nominated worksite location for Lookout Working is a moving worksite, where workers are working along the track within the limits of the nominated worksite location up to the where the Lookout is established.</p> <p>As work moves along the track, the Protection Officer must assess the new location and:</p> <ul style="list-style-type: none"> Establish Lookouts as required to watch for approaching rail traffic from all entry points Designate and instruct which safe places the workers are to use as the work is completed along the work route within the worksite limits.
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. Lookouts require a high-visibility arm sleeve and a whistle / horn.
FURTHER INFORMATION:	<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>NGE 200 Walking in the Danger Zone</i></p> <p><i>NLA 502 Sefton Park Junction</i></p> <p><i>Lookout Working Prohibited Locations Register</i></p>

Safe Work Instruction**Lookout Working Worksite Protection for Flemington Maintenance Centre
Routine network maintenance activities****Protection Officer assessment checklist**

Protection Officer name:		Yes <i>(Tick if Yes)</i>
This document has not expired 12 months beyond the issue date.		
SWI details and protection arrangements have been reviewed and validated for the assessed worksite location, including: <ul style="list-style-type: none"> • On-site safety assessment has been completed for relevancy of works being undertaken • The required protection details, environment and tasks are unchanged from the details of this SWI 		
The Protection Officer and Qualified Workers deploying qualifications are current and have practiced in the last 6 months. If not practiced, then a Rail Safety Coach must be contacted for guidance.		
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

**Lookout Working Worksite Protection for Flemington Maintenance Centre
Routine network maintenance activities**



Worksite Protection Pre-work Briefing

Briefing date: / /

Protection Officer details

name signature contact No.

Work location: **Up and Down Flemington Goods lines, Up and Down Homebush Bay East Fork lines, Arrival Road, Departure Road, Transfer Road, Shunting Neck, A Road and No. 13 Road, between ST307UG Signal / ST328 Signal and 322 Signal**

Scope of work: **Routine network maintenance activities**

Worksite protection: **Lookout Working** Refer to Worksite Protection Plan for detail

Hazards (e.g. environment, plant, equipment, human error)	Controls (to be implemented to eliminate or reduce the risk to the lowest practicable level)	Person responsible for Control
Approaching rail traffic	Lookouts must be trained and competent to perform lookout duties. Lookouts must be rotated if performing lookout for extended periods of time Workers to remain within worksite limits as set out in this procedure. Lookouts must be placed as per protection plan. Workers are to stop work and move to a safe place immediately on being warned by the lookouts	Protection Officer and Lookout
Live adjacent lines	Lookouts must provide warning to workers when rail traffic is approaching from the adjacent line in either direction.	Protection Officer and Lookout
Two - way running / multiple entry points into worksite	One Lookout placed watching each direction before work starts. Lookouts are to warn workers of approaching rail traffic, including rail traffic entering or travelling within the worksite. Workers are to stop work and move to a safe place.	Protection Officer and Lookout
Obstruction to Minimum Sighting Distance	Lookouts must provide warning to the workers whenever their line of sight is obstructed by passing rail traffic. Workers must stop work and move to a safe place and reassess positioning and method	Protection Officer and Lookout
Adjoining/Surrounding Worksites	Lookouts must have two independent audible warning devices that can be heard by workers over any noise generated by adjoining/surrounding worksites. Lookouts are to provide warning if their line of sight is obstructed by adjoining/surrounding worksites.	Protection Officer and Lookout
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
Slips, trips, falls and hazards carrying equipment	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 the worksite or safe place.	All
Mobile phone	Mobile phones use is not permitted in the danger zone unless being used by maintenance staff for critical maintenance communications or recording of defects.	All

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

Safe Work Instruction

Lookout Working Worksite Protection for Flemington Maintenance Centre
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Worksite Protection Plan – Lookout Working

Signaller details

name [] Flemington Panel [] 02 9701 1551 []

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 (tick the tracks that apply)

On the [Up and Down Flemington Goods lines]
[Up and Down Homebush Bay East Fork lines]
[Arrival Rd] [Departure Rd] [Transfer Rd]
[No. 13 Rd] [Shunting Neck] [A Road]
between [ST307UG Signal / ST328 Signal] and [322 Signal]

Worksite assessment

Has the Lookout Working Prohibited Locations Register been consulted? Yes

Warning method

[Horn/Hooter] [Whistle] [Voice]

Minimum Warning Time Calculations – Sections 1 and 2

Maximum track speed [40 km/h]
Number of Lookouts used [2] Position of Lookouts [14.700 km] to [14.916 km]
Number of additional Lookouts* used [-] Position of Lookouts [- km] To [- km]

Note - Lookouts are relocated to positions within these KMs as workers move along the worksite.

Table showing MWT calculation: See Time (S) + Move Time (M) + Safe Time = Minimum Warning Time (MWT). Includes columns for Track speed and Minimum Sighting Distance as calculated.

Note – Additional MWT calculations can be recorded in the Protection Officer’s Diary.

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

Lookouts: [Pre-identified Cess]
Workers: [Pre-identified Cess]

Ensure the workers have been briefed about these work details Yes

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

**Lookout Working Worksite Protection for Flemington Maintenance Centre
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Section 1 – 634B (Catch Point), 637, 638A, 639A, 639B, 640AB and 641CD Points

INSTRUCTIONS:

1. Workers enter the rail corridor via the access gate M78 14.700 U at Old Depot on Courallie Ave.
2. Protection Officer briefs workers about the worksite protection arrangements.
3. Protection Officer contacts Flemington Panel and tells the Signaller about the use of Lookout Working near Flemington Maintenance Centre.
4. Protection Officer places Lookouts watching for rail traffic approach in both directions at the following designated locations.

#	Work location	Lookout designated location	Watching direction
1	634B, 637, 639A and 641AB points	Raised platform with railings adjacent to ST328 Signal	City
2	637 and 641AB points	Landing of stairs from access gate M78 14.700 U	Country, from Up and Down Flemington Goods lines
2	634B and 639A points	At ST309 Signal	Country, from Flemington Maintenance Centre
1	638A, 639B, 640AB and 641CD points	At ST 309 Signal	City
2	638A, 639B, 640AB and 641CD points	At 14.789 KM	Country

(# - is the Lookout's designation and shows where the Lookout is re-established as the work moves along the worksite)

5. Workers start work, working up to the designated Lookout location.
6. Workers move to a safe place.
7. Repeat steps 4 - 6 until all work is complete.
8. Protection Officer recalls Lookouts and ensures everyone is in a safe place.
9. If there is no more work to be completed, all workers exit the rail corridor using access gate M78 14.700 U. Protection Officer contacts the Signaller at Flemington Panel to end Lookout Working.
10. If work is required to be continued, follow the steps in Section 2.

ADDITIONAL DETAILS

Two-way running

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.

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

**Lookout Working Worksite Protection for Flemington Maintenance Centre
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Section 2 – 644A, 638B, 640C, 646, 647A, 644B, 650A, 649B, 652A, 650B, 647B, 649A, 651A, 652A, 652A, 651B, 653B, 654 and 655 points

INSTRUCTIONS:	1. Workers enter the rail corridor from Section 1.		
	2. Protection Officer places Lookouts watching for rail traffic approach in both directions at the following designated locations		
	#	Work location	Lookout designated location
	2	644A, 638B, 640C, 646, 647A, 644B and 650A points	At 14.789 KM
	1	644A, 638B, 640C, 646, 647A, 644B and 650A points	At 14.842 KM , near mesh adjacent to Up Homebush Bay East Fork
	2	649B, 652A, 650B, 647B and 649A points	At ST317 Signal
	1	649B, 652A, 650B, 647B and 649A points	At 14.908 KM
	2	651A, 652A, 652A, 651B, 653B, 654 and 655 points	At 14.889 KM
1	651A, 652A, 652A, 651B, 653B, 654 and 655 points	At 14.970 KM	
(# - is the Lookout's designation and shows where the Lookout is re-established as the work moves along the worksite)			
3. Workers start work, working up to the designated Lookout location.			
4. Workers move to a safe place.			
5. Repeat steps 2 – 4 until work is completed.			
6. Recall Lookouts.			
7. All workers exit the rail corridor using access gate M78 14.700.			
8. Protection Officer contacts the Signaller at Flemington Panel to end Lookout Working.			
ADDITIONAL DETAILS	<u>Two-way running</u>		
	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. Workers must move into a safe place upon a Lookout providing warning regardless of which line the rail traffic is approaching on.		

Safe Work Instruction

Lookout Working Worksite Protection for Flemington Maintenance Centre Routine network maintenance activities



Diagram



