

Lookout Working Worksite Protection for Clyde routine network maintenance activities

DOCUMENT NO.	D2022/1800
WORK DESCRIPTION	Routine network maintenance activities – Clyde (lookout working) – Moving Worksite
WPP Number	CW2B 10439
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 Main, Down Through Rd, No. 4 Grid Siding, Back Platform Rd, MIS Siding and Run Round Rd between Signal M12.44 Signal and Ground Frame B at MTPV Sidings.</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 206 Clyde and Granville</i></p> <p><i>Lookout Working Prohibited Locations Register</i></p>

Safe Work Instruction**Lookout Working Worksite Protection for Clyde 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

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Worksite Protection Pre-work Briefing

Briefing date: / /

Protection Officer details

name signature contact No.

Work location:

Scope of work: Routine Network Maintenance activities

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

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 on page 8. 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

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Worksite Protection Plan – Lookout Working

Signaller details

name Clyde Signal Box 02 9848 9211

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 Main line Down Main line No. 4 Grid siding Down Through Road Run Round Road Back Platform Road MIS Sidings between M12.44 Signal and Ground Frame B at MTPV Sidings

Worksite assessment

The Lookout Working Prohibited Locations Register been consulted Yes

Warning method

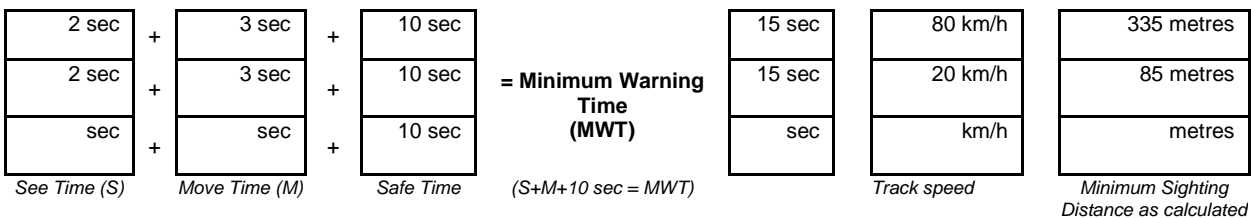
Horn/Hooter Whistle

Minimum Warning Time Calculations – Sections 1, 2 and 3

Maximum track speed 80 km/h Number of Lookouts used 2 Position of Lookouts 20.170 to 20.777 km Number of additional Lookouts* used - Position of Lookouts - km To - km

* Add an additional 5 seconds See Time if an additional Lookout is used

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



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: Cess Workers: Cess

Ensure the workers have been briefed about these work details Yes

Diagrams, notes and detailed instructions of Sections 1, 2 and 3 are over the next pages. These are to be read and followed as part of this worksite protection plan for Lookout Working.

Section 1 – 65A, 64A, 64B, 63A, 61, 60A and 60B Points

INSTRUCTIONS:	<ol style="list-style-type: none"> 1. Workers enter the rail corridor at Clyde Signal Box. 2. Protection Officer briefs workers about the worksite protection arrangements. 3. Protection Officer contacts Clyde Signal Box and tells the Signaller about the use of Lookout Working at Clyde Signal Box. If required, inform Auburn Panel about the Lookout Working details with Clyde Signal Box. 4. Workers enter rail corridor via the Cess next to Clyde Signal Box 5. Establish Lookouts for work on 65A and 64A points at R24L Signal watching both directions. 6. Establish Lookouts for work on 60A and 61points at 75R Signal watching both directions. 7. Establish Lookouts for work on 60B, 63A and 64B points at 20.337 KM watching both directions. 8. Workers start work, working up to the designated Lookout location. 9. Workers move to a safe place. 10. Re-establish Lookouts as required as per steps 5-7 until work is complete and workers moved to a safe place. 11. Recall Lookouts. 12. Continue to Section 2 instructions, if required. Otherwise all workers exit the rail corridor via the nearest Access/Egress gate and the Protection Officer ends Lookout Working with any contacted Signallers.
ADDITIONAL DETAILS	<p><u>Two-way running / multiple entry points</u></p> <p>Rail traffic movements can occur in any direction at any time.</p> <p>A Lookout is established for each direction of rail traffic approach and must provide warning for any rail traffic approach.</p> <p>Workers must move into a safe place upon a Lookout providing warning regardless of which line the rail traffic is approaching on.</p>

Section 2 – 56A, 59, 62A, and 63B Points

INSTRUCTIONS:	<ol style="list-style-type: none"> 1. Workers enter the rail corridor at Clyde Signal Box or from Section 1 2. If required, Protection Officer briefs workers about the worksite protection arrangements. 3. If required, Protection Officer contacts Clyde Signal Box and tells the Signaller about the use of Lookout Working at Clyde Signal Box. If required, inform Auburn Panel about the Lookout Working details with Clyde Signal Box. 4. Established Lookouts for work on 56A, 59, 62A and 63B watching both directions. 5. Workers start work, working up to the designated Lookout location. 6. Workers move to a safe place once work is completed. 7. Recall Lookouts. 8. Continue to Section 3 instructions, if required. Otherwise all workers exit the rail corridor via the nearest Access/Egress gate and the Protection Officer ends Lookout Working with any contacted Signallers.
ADDITIONAL DETAILS	<p><u>Two-way running / multiple entry points</u></p> <p>As per Section 1.</p>

Section 3 – 47A, 47B, 48A, 48B, 55A, 55B, 56B and 62B points

up	<ol style="list-style-type: none"> 1. Workers enter the rail corridor at Clyde Signal Box or from Section 1 2. If required, Protection Officer briefs workers about the worksite protection arrangements. 3. If required, Protection Officer contacts Clyde Signal Box and tells the Signaller about the use of Lookout Working at Clyde Signal Box. If required, inform Auburn Panel about the Lookout Working details with Clyde Signal Box. 4. Established Lookouts for work on 56B and 62B points watching both directions. 5. Established Lookouts for work on 47A, 48A and 55A points watching both directions. 6. Established Lookouts for work on 56B and 62B points watching both directions. 7. Established Lookouts for work on 55B points watching both directions. 8. Workers start work, working up to the designated Lookout location. 9. Workers move to a safe place. 10. Re-establish Lookouts as required as per steps 4-7 until work is complete and workers moved to a safe place. 11. Recall Lookouts. 12. Continue to Section 2 instructions, if required. Otherwise all workers exit the rail corridor via the nearest Access/Egress gate and the Protection Officer ends Lookout Working with any contacted Signallers.
ADDITIONAL DETAILS	<p><u>Two-way running / multiple entry points</u> As per Section 1.</p>

Diagram

