|  |  |
| --- | --- |
| DOCUMENT NO. | *(provided by SMS document controller)* |
| WORK DESCRIPTION | …………….. |
| WPP Number | *(provided by NR specialist)* |
| SCOPE: | This SWI is applicable for the worksite protection arrangements using ASB for routine ………. performed by ……..  Work activities include: |
| AUTHORISATIONS: | **Protection Officer:** Protection Officer Level 1 or higher  **Lookout:** Handsignaller Level 1 or higher, Protection Officer Level 1 or higher |
| SAFETY CONTROLS - Absolute Signal Blocking (ASB) arrangements: | ASB established to exclude rail traffic on the …………….  For reference only;  The assessed ASB protection is:   * ………. **Signal** at STOP with blocking facilities applied. * …………. * ………… * ……….. |
| PRESTART REQUIREMENTS: | Protection Officer assessment checklist must be completed before instructions in this SWI are followed.  Tools and equipment required:   * Protection Officer requires a phone to contact the Signaller * Lookouts require a high-visibility arm sleeve and a whistle / horn |
| FURTHER INFORMATION: | *NWT 300 Planning work in the Rail Corridor*  *NWT 308 Absolute Signal Blocking*  *NWT 310 Lookout Working*  *NPR 703 Using Absolute Signal Blocking*  *NPR 711 Using Lookouts*  *NPR 751 Calculating Minimum Warning Time*  *NGE 200 Walking in the Danger Zone*  *Lookout Working Prohibited Locations Register*  *NLA XXX* |

|  |  |  |  |
| --- | --- | --- | --- |
| Protection Officer assessment checklist | | | |
| Protection Officer’s name: | | | Yes  *(Tick if Yes)* |
| This document has not expired 12 months beyond the 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.* |

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

|  |  |
| --- | --- |
| Briefing date: | / / |

**Protection Officer details**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| name |  | signature |  | contact No. |

|  |  |
| --- | --- |
| Work location: |  |

|  |  |
| --- | --- |
| Scope of work: |  |

|  |  |  |
| --- | --- | --- |
| Worksite protection: | **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** |
| **Approaching rail traffic** | ASB implemented.  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 *NGE 200 Walking in the Danger Zone* 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 |
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**Workplace Supervisor details**

|  |  |  |
| --- | --- | --- |
| name |  | contact No. |

|  |  |  |  |
| --- | --- | --- | --- |
| Emergency assembly point: | **Access Gate** | SWMS/SWI Ref #: |  |

|  |  |  |  |
| --- | --- | --- | --- |
| First aid kit location: | **Sydney Trains work vehicle** | First aider: |  |

**Workplace Supervisor acknowledgement**

|  |  |  |
| --- | --- | --- |
| The Workplace Supervisor acknowledges that all identified WHS and rail safety hazards have the appropriate controls in place to manage and/or eliminate the hazards. | Yes 🞎 | **signature** |

**Participant Acknowledgement**

|  |  |  |  |
| --- | --- | --- | --- |
| **NOTE**: Recipients of the briefing are to question the Briefer if they don’t understand any part of this briefing. | | | |
| 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) | | 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*) | |
| *Mark each check box below with a tick* 🗹 *if the item applies or a cross* 🗷 *if the item does not apply.* | | | |
| 🞎 have been informed of the requirements of the electrical permit (if required)  🞎 have been briefed on the SWMS/SWIs/documented safe work practice for the job  🞎 have been instructed in the controls recorded in this document and SWMS/SWIs | | 🞎 have been made aware of any hazardous materials/substances on site  🞎 have been briefed on Safety Data Sheets (SDS)  🞎 have been briefed on the WHS Management plan  🞎 have been briefed on the hazards of adjoining worksites/processes. | |
| **Name** | **Signature** | **Time of briefing:** hh:mm | **Amendment briefing:** hh:mm and initial |
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**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 |  | **from** |  | to |  | |  |
| **.** |  | | | | |  | |
|  | | | | | | | |

**3. Protection to be used**

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

|  |  |  |
| --- | --- | --- |
| Location / panel |  | Location / panel |

Protection is required from other Signallers at

**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 |  | **………….. panel** |  | **hr** |  | **/ /** |
|  |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Protection Number |  | Notes |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6. Temporarily Suspending ASB** | | | | | | | | | | | | | | |
| Provide the name and worksite location  Workers and equipment are clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 | Provide the name and  worksite location  Workers and equipment are clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 | Provide the name and  worksite location  Workers and equipment are  clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 |
| ASB suspended at | | hr | | | ASB suspended at | | hr | | | ASB suspended at | | hr | | |
| **7. Re-establish ASB assurances** | | | | | | | | | | | | | | |
| The worksite location is identical  All points of entry into the affected portion of track are protected and blocking facilities applied | | | | 🞎  🞎 | The worksite location is identical  All points of entry into the affected portion of track are protected and blocking facilities applied | | | | 🞎  🞎 | The worksite location is  identical  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 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 | | | | 🞎 | There is no approaching rail traffic between the protection and the worksite | | | | 🞎 | There is no approaching rail traffic between the protection  and the worksite | | | | 🞎 |
| 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 | 🞎 | Workers and equipment clear of the Danger Zone | 🞎 | Provide protection number | 🞎 | Ended at | hr |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6. Temporarily Suspending ASB** | | | | | | | | | | | | | | |
| Provide the name and worksite location  Workers and equipment are clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 | Provide the name and  worksite location  Workers and equipment are clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 | Provide the name and  worksite location  Workers and equipment are  clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 |
| ASB suspended at | | hr | | | ASB suspended at | | hr | | | ASB suspended at | | hr | | |
| **7. Re-establish ASB assurances** | | | | | | | | | | | | | | |
| The worksite location is identical  All points of entry into the affected portion of track are protected and blocking facilities applied | | | | 🞎  🞎 | The worksite location is identical  All points of entry into the affected portion of track are protected and blocking facilities applied | | | | 🞎  🞎 | The worksite location is  identical  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 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 | | | | 🞎 | There is no approaching rail traffic between the protection and the worksite | | | | 🞎 | There is no approaching rail traffic between the protection  and the worksite | | | | 🞎 |
| ASB re-established at | | | hr | | ASB re-established at | | | hr | | ASB re-established at | | | hr | |
| Protection Number |  | | | | Protection Number |  | | | | Protection Number |  | | | |

|  |  |
| --- | --- |
| Notes |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6. Temporarily Suspending ASB** | | | | | | | | | | | | | | |
| Provide the name and worksite location  Workers and equipment are clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 | Provide the name and  worksite location  Workers and equipment are clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 | Provide the name and  worksite location  Workers and equipment are  clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 |
| ASB suspended at | | hr | | | ASB suspended at | | hr | | | ASB suspended at | | hr | | |
| **7. Re-establish ASB assurances** | | | | | | | | | | | | | | |
| The worksite location is identical  All points of entry into the affected portion of track are protected and blocking facilities applied | | | | 🞎  🞎 | The worksite location is identical  All points of entry into the affected portion of track are protected and blocking facilities applied | | | | 🞎  🞎 | The worksite location is  identical  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 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 | | | | 🞎 | There is no approaching rail traffic between the protection and the worksite | | | | 🞎 | There is no approaching rail traffic between the protection  and the worksite | | | | 🞎 |
| ASB re-established at | | | hr | | ASB re-established at | | | hr | | ASB re-established at | | | hr | |
| Protection Number |  | | | | Protection Number |  | | | | Protection Number |  | | | |

**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 |  | **from** |  | to |  | |  |
|  |  |  |  |  |  | |  |
| On the |  | **from** |  | to |  | |  |
| **.** |  | | | | |  | |
|  | | | | | | | |

**3. Protection to be used**

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

|  |  |  |
| --- | --- | --- |
| Location / panel |  | Location / panel |

Protection is required from other Signallers(s) at

**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 |  | **panel** |  | **hr** |  | **/ /** |
|  |  |  |  |  |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Protection Number |  | Notes |  |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6. Temporarily Suspending ASB** | | | | | | | | | | | | | | |
| Provide the name and worksite location  Workers and equipment are clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 | Provide the name and  worksite location  Workers and equipment are clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 | Provide the name and  worksite location  Workers and equipment are  clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 |
| ASB suspended at | | hr | | | ASB suspended at | | hr | | | ASB suspended at | | hr | | |
| **7. Re-establish ASB assurances** | | | | | | | | | | | | | | |
| The worksite location is identical  All points of entry into the affected portion of track are protected and blocking facilities applied | | | | 🞎  🞎 | The worksite location is identical  All points of entry into the affected portion of track are protected and blocking facilities applied | | | | 🞎  🞎 | The worksite location is  identical  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 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 | | | | 🞎 | There is no approaching rail traffic between the protection and the worksite | | | | 🞎 | There is no approaching rail traffic between the protection  and the worksite | | | | 🞎 |
| 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 | 🞎 | Workers and equipment clear of the Danger Zone | 🞎 | Provide protection number | 🞎 | Ended at | hr |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **6. Temporarily Suspending ASB** | | | | | | | | | | | | | | |
| Provide the name and worksite location  Workers and equipment are clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 | Provide the name and  worksite location  Workers and equipment are clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 | Provide the name and  worksite location  Workers and equipment are  clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 |
| ASB suspended at | | hr | | | ASB suspended at | | hr | | | ASB suspended at | | hr | | |
| **7. Re-establish ASB assurances** | | | | | | | | | | | | | | |
| The worksite location is identical  All points of entry into the affected portion of track are protected and blocking facilities applied | | | | 🞎  🞎 | The worksite location is identical  All points of entry into the affected portion of track are protected and blocking facilities applied | | | | 🞎  🞎 | The worksite location is  identical  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 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 | | | | 🞎 | There is no approaching rail traffic between the protection and the worksite | | | | 🞎 | There is no approaching rail traffic between the protection  and the worksite | | | | 🞎 |
| 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  Workers and equipment are clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 | Provide the name and  worksite location  Workers and equipment are clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 | Provide the name and  worksite location  Workers and equipment are  clear of the Danger Zone  Provide protection number | | | | 🞎  🞎  🞎 |
| ASB suspended at | | hr | | | ASB suspended at | | hr | | | ASB suspended at | | hr | | |
| **7. Re-establish ASB assurances** | | | | | | | | | | | | | | |
| The worksite location is identical  All points of entry into the affected portion of track are protected and blocking facilities applied | | | | 🞎  🞎 | The worksite location is identical  All points of entry into the affected portion of track are protected and blocking facilities applied | | | | 🞎  🞎 | The worksite location is  identical  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 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 | | | | 🞎 | There is no approaching rail traffic between the protection and the worksite | | | | 🞎 | There is no approaching rail traffic between the protection  and the worksite | | | | 🞎 |
| ASB re-established at | | | hr | | ASB re-established at | | | hr | | ASB re-established at | | | hr | |
| Protection Number |  | | | | Protection Number |  | | | | Protection Number |  | | | |

|  |  |  |
| --- | --- | --- |
| INSTRUCTIONS: | 1. Workers enter the rail corridor via …………. 2. Protection Officer briefs workers about the worksite protection arrangements. 3. Protection Officer contacts the Signaller at ……….. to request ASB. 4. After ASB has been authorised. start work within the limits of the nominated worksite location. 5. After work is complete, workers move to a safe place. 6. Protection Officer contacts the Signaller at ……….. to end ASB. 7. All workers egress the rail corridor via ………… | |
| ADDITIONAL DETAILS | Suspending ASB (Ex*ample only)*  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. | |
| IMAGES:  EXMAPLE ONLY | **Image 1:** Access gate **100 17.158 D** at the end of **Coleborne Avenue**. (Train Crewing gate) | **Image 2:** Access gate **100 16.607 D** at end of **Hunter Street**. |
| **Image 3:** Access gate **100 17.698 U** on **Hurstville Road**. | **Image 4:** Access gate **100 18.048 U** off **River Road**. |

**Diagram**

|  |
| --- |
| *Insert diagram* |

**Protection Officer’s diary**

|  |  |  |
| --- | --- | --- |
| **Date** | **Time** | **Notes** |
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