

ANPR 703

Working Using Controlled Signal Blocking

Applicability

NSW

SMS

Publication Requirement

External Only

Document Status

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2.0	11 October 2015

Introduction

Controlled signal blocking (CSB) is a method of working in the *Danger Zone*.

Protection Officers must have assessed that it is safe to do work using this method instead of a *work on track authority*.

Using controlled signal blocking

Protection Officer

1. Make sure that your safety assessment shows that a work on track authority is not necessary for the work.
2. Tell the *Signaller*:
 - your name, and
 - the *location* of the work, and
 - the intended start and finish times.
3. Ask the Signaller to exclude *rail traffic* from the portion of *track* by:
 - setting and keeping *controlled signals* at STOP with *blocking facilities* applied to the signal controls, or
 - *authorising* the removal of the ESML handle to set signals at STOP.

Signaller

4. Make sure that the line is clear between the controlled signals being used for *protection* and the worksite.
5. Make sure that the controlled signals being used for protection are *absolute signals*.
6. Speak to the *Train Controller* about the request to exclude rail traffic.
7. Set the protecting signals at STOP and apply blocking facilities.
8. If authorising the removal of an ESML handle, make sure that there is no rail traffic *closely approaching* a signal that will be placed at STOP by the removal of the ESML handle.

Protection Officer

9. If the removal of an ESML handle has been authorised, remove and safeguard the handle.
10. Before work begins, confirm with the Signaller that:
 - signals have been set at STOP and blocking facilities applied, and
 - there is no rail traffic in the area between the controlled signals being used for protection and the workers.
11. Tell the Signaller when the work area is clear of workers and equipment.
12. If the ESML handle was removed, tell the Signaller when it has been returned.

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