

ANPR 727

Using Crossovers for Special Working

Applicability

NSW

SMS

Publication Requirement

External Only

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Introduction

During *special working*, crossovers may need to be controlled locally by a *Qualified Worker* acting as a *Signaller*. *Handsignallers* may assist the *Qualified Worker*, as necessary.

Location, signalling and other details about crossovers are given in the *Local Appendices*.



During special working, workers must expect that there will be unscheduled, *wrong running-direction* and unsignalled movements.

Operating a crossover

Qualified Worker in charge of the crossover

1. Place a Handsignaller at each signal that:
 - will be set at STOP by taking the *release* for the crossover, and
 - will need to be passed to enter or exit the limits of special working.
2. Make sure of *effective communication* with:
 - the *Network Control Officer*, and
 - Handsignallers.
3. Get the relevant Network Control Officer's:
 - assurance that *rail traffic* is not *closely approaching* the crossover, and
 - permission to take the release.
4. Take the release or remove the key to operate the *points*.
5. Check that signals protecting the crossover are at STOP.
6. Record, in *permanent form*, the time the release for the crossover was taken.
7. Tell Handsignallers to give STOP *handsignals* to approaching rail traffic.
8. As necessary, set the crossover for the correct *routes*.
9. As necessary, arrange for:
 - *facing point* locking
 - points to be clipped and locked
 - WARNING and STOP signs to be placed.
10. Signal *Drivers* or *track vehicle operators* to proceed.

Handsignaller

11. Place three *detonators* in the direction of rail traffic approach to the signal or STOP sign.
12. If you have to leave your position:
 - leave the detonators in place, and
 - put a red warning flag/red warning light in the *four-foot* next to the detonator nearest to your position.

Signallers

13. If there is rail traffic between a protecting signal set at STOP and the crossover to be used, tell the Qualified Worker in charge of the crossover.
14. Tell the Qualified Worker at the crossover to take the release if you are assured that rail traffic:
 - has passed complete beyond the crossover, or
 - has been stopped before and clear of the crossover.
15. Record, in permanent form, the time the release for the crossover was taken.

Train Controller

16. Record, in permanent form, the time the release for the crossover was taken.
17. Coordinate the movement of *trains* with:
 - Signallers at *adjoining* signal boxes, and
 - the Qualified Worker in charge of the crossover.

Ending use of a crossover for special working

Qualified Worker in charge of the crossover

1. When told that the crossover is no longer required for special working:
 - restore the crossover to NORMAL, and
 - *secure* the crossover equipment, and
 - if necessary, clip and lock the points, and
 - return the release switch or the key.
2. Tell the Signallers and the Train Controller that the release has been restored.
3. In conjunction with relevant Signallers, make sure that the signals operate correctly.

Signallers

4. If possible, test *affected signals* to make sure that:
 - they are working correctly, and
 - normal *Proceed Authorities* are available.
5. Record, in permanent form, the time the release for the crossover was restored.

Qualified Worker in charge of the crossover

6. Arrange for the removal of WARNING and STOP signs.
7. Tell Handsignallers that they are no longer required.
8. Record, in permanent form, the time the release for the crossover was restored.

Train Controller

9. Record, in permanent form, the time the release for the crossover was restored

Related ARTC Network Procedures

ANPR 707	Clipping points
ANPR 719	Operating groundframes
ANPR 721	Spoken and written communication

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