ANPR 728

Operating Emergency Crossovers

Applicability

NSW

SMS

Publication Requirement

External Only

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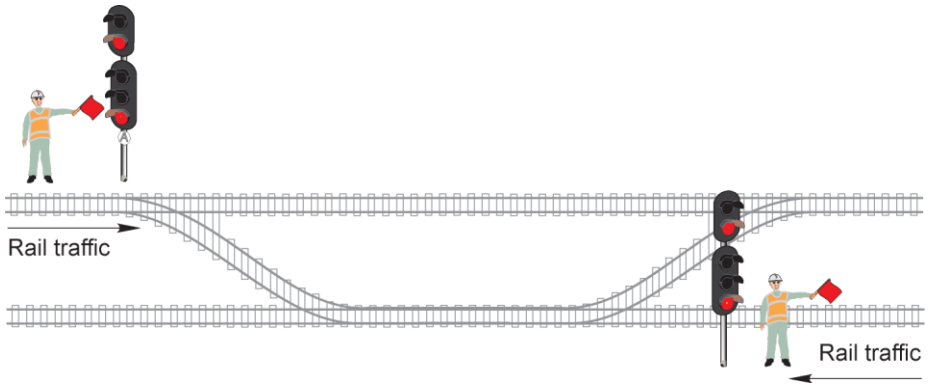
Introduction

Emergency *crossovers* are used to divert *rail traffic* from one *running line* to another. A key from an Annett lock, a duplex lock, or a *releasing* switch usually releases emergency crossovers. *Points* are *secured* with point clips and XL locks.

Emergency crossovers *may* be tested as part of the work included in a *work on track authority*.

In *unidirectional* double-line *Rail Vehicle Detection territory*, emergency crossovers may be protected by *automatic signals*.

Figure ANPR 728-1



Typical emergency crossover arrangement

WARNING

Before the crossover is operated, rail traffic already in the section must have:

- **passed beyond the crossover, or**
- **been brought to a stand and the *Driver* or *track vehicle operator* told that the crossover is to be operated.**

Qualified Worker

1. Place *Handsignallers* at *affected signals*.
2. Establish *effective communication* with *Signallers* at *adjoining* signal boxes.
3. Get permission to operate the crossover.

Signaller at adjoining signal box

4. Get the *Train Controller's* permission to operate the crossover.

Qualified Worker and Signallers at adjoining signal boxes

5. Establish the location of rail traffic approaching the crossover.

Qualified Worker

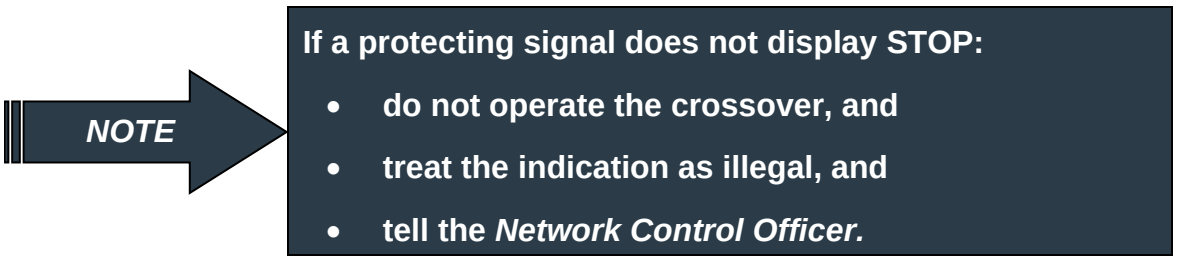
6. Ask the Signallers responsible for the lines to prevent the entry of rail traffic into the affected section by placing signals at STOP with blocking facilities applied.

Qualified Worker and Signallers at adjoining signal boxes

7. Make sure that approaching rail traffic:
    - has passed the crossover, or
    - has been brought to a stand, and the Driver or track vehicle operator told that the crossover is to be operated.

Qualified Worker

8. Operate the releasing equipment to switch in the crossover.
9. Establish effective communication with Handsignallers.
10. Make sure that protecting signals have returned to STOP.



11. Arrange to unlock and remove point clips.
12. Tell Signallers at adjoining signal boxes that:
    - the crossover has been switched in, and
    - rail traffic may enter the section.
13. Unlock and operate the *groundframe* as required.

Signallers at adjoining signal boxes

14. Tell Drivers and track vehicle operators entering the section:
    - that the crossover is switched in, and
    - about the affected signals.

Qualified Worker

15. When you have finished operating the crossover:
    - restore the points to NORMAL, and
    - clip and lock the points, and
    - secure the groundframe, and
    - return the key to its lock.

If the signals do not display a PROCEED indication:

- **tell the Network Control Officer, and**
- **tell the Handsignallers to remain at the signals and wait for further instructions.**

Related ARTC Network Procedures

ANPR 707	Clipping points
ANPR 719	Operating groundframes

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