

NPR 728 Operating emergency crossovers

Description

This document describes the procedure for operating emergency crossovers.

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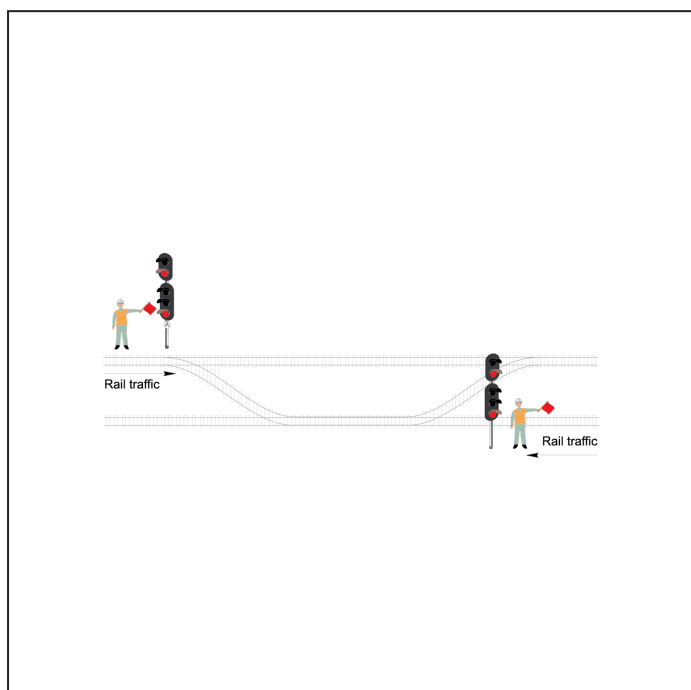
Introduction

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 1: Typical emergency crossover arrangement.



Operating a crossover

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**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 authority to operate the crossover.

Signaller at adjoining signal box

- 4 Get the Network Controller's authority 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.

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- 9 Establish effective communication with Handsignallers.
- 10 Make sure that protecting signals have returned to **STOP**.

Note

If a protecting signal does not display **STOP**:

- do not operate the crossover
- treat the indication as illegal
- tell the Signaller.

- 11 Arrange to unlock and remove point clips.
- 12 Tell Signallers at adjoining signal boxes that:
 - the crossover has been switched in
 - 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
 - about the affected signals.

Qualified Worker

- 15 When you have finished operating the crossover:
 - restore the points to **NORMAL**
 - clip and lock the points
 - secure the groundframe
 - return the key to its lock.
- 16 Check that signals display a **PROCEED** indication.

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Note

If the signals do not display a **PROCEED** indication:

- tell the Signaller
- tell the Handsignallers to remain at the signals and wait for further instructions.

Related Documents

NPR 707 Clipping points

NPR 719 Operating groundframes