RailSafe

Procedures
NPR 719 Operating groundframes

Description

This document describes the procedure for operating groundframes.

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Introduction

Groundframes are small trackside interlocking machines used for local, manual lever operation of points or signalling equipment.

To show the correct levers to use for setting intended routes, some larger groundframes have pulling lists.

FIGURE 1: Groundframe.
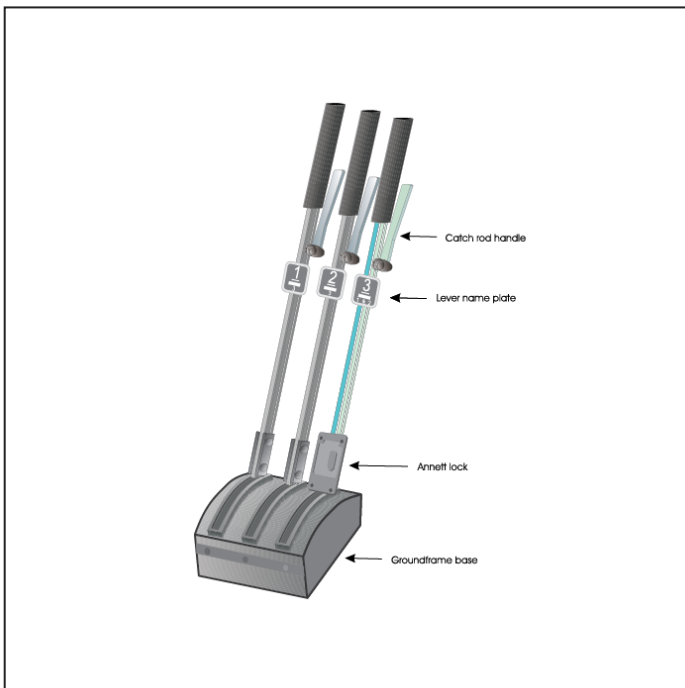
Operating a groundframe

Qualified Worker

RailSafe

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> ⚠️ **Warning**
>
> If the siding is electrified, but not live, warn other workers on or near the siding before the 1500V overhead supply is turned on.

1   If not already included in the Proceed Authority, get the responsible Signaller's authority to operate a groundframe.

2   If necessary, remove point clips.

3   Use the correct key to unlock the groundframe.

4   To release the groundframe, reverse the lever fitted with the lock.

5   If there is a pulling list, use it to find the correct levers to set the intended route.

6   If there are facing point locking levers, use the correct levers to release or lock points.

7   Use the correct levers to set the route.

> ℹ️ **Note**
>
> Do not force a lever over. Too much force may damage the groundframe.

8   Make sure that catch-rods engage.

9   Check that switch rails are hard against stock rails.

10   Check that signals are set correctly.

11   If necessary, clip and lock points.

12   When the intended rail traffic movement is complete:

- unless otherwise directed by the Signaller, restore the points to theNORMAL position, and

- if necessary, clip and lock points again, and

- if necessary, return the key to its correct location, and

- tell the Signaller that the route has been set as directed.

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Related Documents

NPR 707 Clipping points

NPR 721 Spoken and written communication

NPR 745 Using non-interlocked points