

Procedures

NPR 716 On site testing of Type F level crossings

Description

This document describes the procedure for on-site testing of Type F level crossings.

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Introduction

On-site testing of Type F level crossing roadside and pedestrian warning equipment checks that:

- warning lights and boom lights are working, have clean, undamaged lenses, and face road and pedestrian traffic, and
- bells or other audible warning devices sound, and
- booms lower, and
- batteries are charged, and
- the telephone is working.

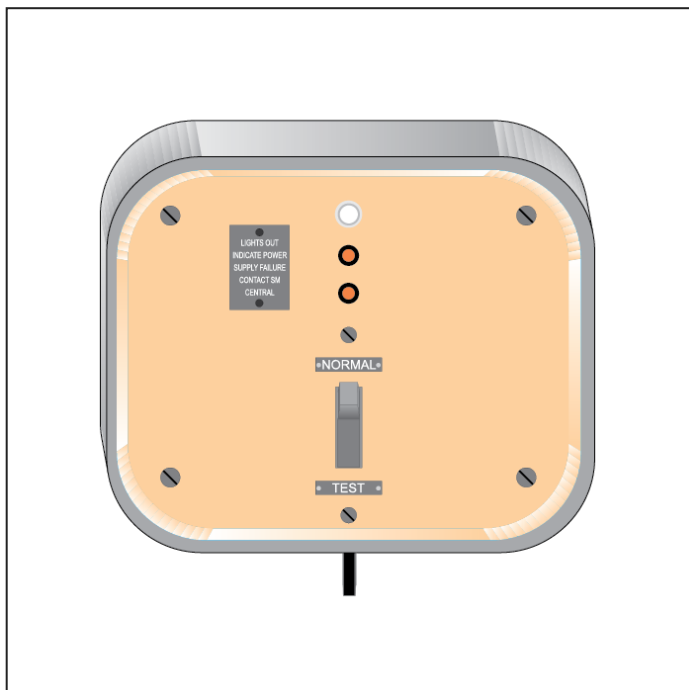
At some Type F level crossings, audible warning devices:

- do not sound at night, or
- sound only when booms are lowering, or
- change sounds after a short time.

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FIGURE 1: Test box.



Testing automatic Type F level crossing warning equipment

Authorised Tester

- 1 Get the Test keys and open the Test box.
- 2 Check that both power supply lights are lit. These may not be provided for pedestrian-only level crossings.
- 3 Get the Signaller's authority to test the warning equipment.
- 4 Set the Test switch to **TEST**.
- 5 Check that all warning equipment, including advance warning lights, works correctly for at least two minutes.
- 6 Check that warning lights and boom lights have clean, undamaged lenses, and face road and pedestrian traffic.
- 7 Check that power supply lights remain lit.
- 8 Return the Test switch to **NORMAL**.

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- 9 Check that all warning equipment stops operating.
- 10 Close and lock the Test box.
- 11 Report, and record in permanent form, the results of the test.
- 12 Return the Test keys to the designated location.



Warning

Do not allow road or pedestrian traffic to proceed while warning equipment is operating.

Testing controlled Type F level crossing warning equipment

Signaller controlling the level crossing

- 1 If you cannot check the operation of warning equipment, another Qualified Worker may check its function and report the results.
- 2 Make sure that no rail traffic will approach during testing.
- 3 Activate the warning equipment.
- 4 Check that all warning equipment, including advance warning lights, works correctly for at least two minutes.
- 5 Check that warning lights and boom lights have clean, undamaged lenses, and face road and pedestrian traffic.
- 6 Deactivate the warning equipment.
- 7 Check that all warning equipment stops operating.
- 8 If another Qualified Worker checked the warning equipment, get the test results.
- 9 Report, and record in permanent form, the test results.