

procedures

NPR 716 On site testing of Type F level crossings

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.

FIGURE 1: Test box.



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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.
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.

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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.

Related Documents

Nil