

Infrastructure Plant Manual

Module P514 – Hand-controlled trolleys

Technical content authorised by:

Edward Davison, Senior Policy Development Specialist [Plant and T&RS] | 02/03/2013

Technical content endorsed by:

James Allenden, Professional Head [Plant and T&RS] | 02/03/2013

Accepted for publication by:

Mick McManus, National Standards Manager | 02/03/2013



Contents

0.1 Job roles	3
0.2 Risk mitigation	3
1 Using trolleys	4
2 Safe system of work	5
3 Pre use checks	5
4 Placing a trolley on and off the track	6
5 Maintenance	7
6 Requirements for particular types of trolley	7
6.1 Hand trolleys	7
6.2 Ironmen	7
6.3 Rail skates	8
6.4 Rail scooters	8
Figure 1 – Undertaking a pre use brake test	6
Table 1 – Estimated persons required to move a trolley on gradients ⁽⁵⁾	4

0.1 Job roles

This module is applicable to the following job roles, you must familiarise yourself with all of the clauses contained within it to understand your personal responsibilities. If you intend to carry out any of these roles you must hold the relevant Sentinel competency:

- Portable, transportable and mobile plant operator
- COSS
- ES
- Planner
- Maintainer/Fitter
- Hand Trolley Controller
- Machine Operator
- Machine Controller
- Crane Controller
- Plant supplier

0.2 Risk mitigation

This module helps mitigate the following high level risks:

- a) compliance with legislation (LOLER, PUWER, HASAW);
- b) runaway/failure to stop on demand, e.g. OTP running away on a gradient;
- c) collision, e.g. collision between a RRV and an OTM;
- d) damage to assets, e.g. RRV or its load hitting a passing train during ALO operation;
- e) derailment, e.g. trailer being loaded incorrectly;
- f) staff injuries, e.g. Operator being trapped between machine and infrastructure or machine and machine.

© Crown Copyright 2013. All Rights Reserved. Network Rail