NR/PLANT/0200/module P510
Issue 1 | Publication date: 02/03/2013 | Compliance date: 01/06/2013

Infrastructure Plant Manual

Module P510 – Safe use of quick hitch systems

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

--`,,,,,,`,,,,,,`,,`,,,,,,,,`-`-`,,`,,`,`,,`---

Copyright Network Rail
Provided by IHS under license with Network Rail
No reproduction or networking permitted without license from IHS
Full document details: NR NR-PLANT-0200-P510 ISSUE 2013

Licensee=Weston Williamson/5989497001, User=sam, albett
Not for Resale, 03/27/2016 19:32:19 MDT

Contents

1 Types of quick hitch systems 3
2 Requirements of quick hitch systems used as lifting equipment 5
3 Labelling of quick hitch systems 7
4 Connection of quick hitch system and attachments 7
5 Using quick hitch systems 7
Figure 1 – Example of manual quick hitch system 4
Figure 2 – Example of semi-automatic quick hitch system 4
Figure 3 – Example of automatic quick hitch system 5
Figure 4 – Example of correct orientation of quick hitch system 6

--`,,,,,,`,,,,,,`,,`,,,,,,,,,`-`-`,,`,,`,`,,`---
Copyright Network Rail
Provided by IHS under license with Network Rail
No reproduction or networking permitted without license from IHS
Licensee=Weston Williamson/5989497001, User=sam, albett
Not for Resale, 03/27/2016 19:32:19 MDT
Full document details: NR NR-PLANT-0200-P510 ISSUE 2013
AVA Documents Document Sharing Hub

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:

Machine Controller
Machine Operator
COSS
ES
Planner
Lift Planner
Crane Controller
Plant Suppliers
Quick Hitch Manufacturers

0.2 Risk mitigation

This module helps mitigate the following high level risks:

a) compliance with legislation (LOLER, PUWER, HASAW).

b) damage to assets, e.g. RRV or its load hitting a passing train during ALO operation;

c) staff injuries, e.g. Operator being trapped between machine and infrastructure or machine and machine.

Documents
Document Sharing Hub
Copyright Network Rail
Provided by IHS under license with Network Rail
No reproduction or networking permitted without license from IHS
Licensee=Weston Williamson/5989497001, User=sam, albett
Not for Resale, 03/27/2016 19:32:19 MDT
Full document details: NR NR-PLANT-0200-P510 ISSUE 2013