PPLRS11
Assist in the preparation of rail vehicles and trains to meet operational requirements

Overview

This unit is about preparing for moving vehicles within the depot or yard and ensuring the fitness of trains for service. It covers the need to ensure that routes are clear, set and safe and that the vehicle or train is fit, safe and suitably prepared for movement. This unit also includes preparation of worksites and vehicles, fault identification and recording and communicating information, as well as knowledge of safety rules.

This unit consists of three elements:

1. Prepare the site for local movement of trains

This element is about preparing for the local movement of trains, including checking the safety of the planned route and following procedures for site and route safety.

2. Prepare rail vehicles for local movement

This element is about preparing rail vehicles for local movement, including adhering to safety procedures, checking for defects and irregularities and establishing that systems and equipment required are operating correctly.

3. Prepare rail vehicles and trains for service

This element is about preparing rail vehicles and trains for service including understanding the relevant safety procedures, establishing the systems and equipment required for a train specification and ensuring operating systems and equipment are fit and safe for use.

This unit is for those who work directly and indirectly with passengers and the running of trains. It is particularly appropriate for those who undertake a shunting role

PPLRS11

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Performance criteria

You must be able to:

Prepare the site for local movement of trains

P1 adhere to all safety procedures
P2 access all relevant information
P3 clarify information promptly which is incomplete or unclear with the relevant person(s)
P4 establish whether the resources you require are available and report any that are unavailable to the relevant person(s)
P5 check that points are set and positioned correctly prior to the intended movement
P6 check that the planned route is clear for the intended movement
P7 take remedial action promptly when the planned route cannot be cleared
P8 inform all relevant persons of intended rail vehicle movements

You must be able to:

Prepare rail vehicles for local movement

P9 adhere to safety procedures
P10 access all relevant information, making sure that it is accurate and sufficient
P11 clarify with the relevant person(s) any information which is incomplete or unclear
P12 liaise with the relevant person(s) prior to moving the rail vehicle(s)
P13 check that stationary vehicles are secured safely and correctly
P14 establish that the relevant systems and equipment are operating correctly according to the rail vehicle specification
P15 identify accurately defects and irregularities in rail vehicles and equipment
P16 respond to defects and irregularities promptly within the limits of your own authority

You must be able to:

Prepare rail vehicles and trains for service

P17 adhere to safety procedures
P18 establish the correct operation of systems and equipment which are required for a train specification
P19 identify and remedy faults within the limits of your own authority
P20 record faults clearly and accurately and report them promptly to the relevant person(s)
P21 prepare a train within operational constraints in time to meet the operational schedule
P22 complete required documents accurately and process them correctly

PPLRS11

Assist in the preparation of rail vehicles and trains to meet operational requirements

Knowledge and understanding

You need to know and understand:

Prepare the site for local movement of trains

K1 your organisation's procedures relating to site safety
K2 the sources of information and how to access them
K3 the resources available
K4 the planned route
K5 how to operate manual and power operated point setting equipment
K6 the route setting systems
K7 the local methods of working
K8 the local operational plan
K9 the relevant person(s) for reporting purposes
K10 the limits of your own authority
K11 the reasons why the planned route cannot be cleared and how to take remedial action
K12 the position and identity of rail vehicles in the vicinity
K13 how to check power operated points

Prepare rail vehicles for local movement

K14 your organisation's procedures relating to preparing rail vehicles for movement
K15 the relevant information sources and how to access them
K16 the lines and methods of effective communication within your organisation
K17 the documentation requirements for your organisation
K18 the local methods of working
K19 the relevant operating systems for rail vehicles and components
K20 the types of defects and irregularities that may occur
K21 the type of equipment required and how to use it when preparing rail vehicles for movement
K22 the range of communication equipment available and how to use it

Prepare rail vehicles and trains for service

K23 the relevant rules, regulations and instructions and procedures relating to preparing rail vehicles and trains for service
K24 the relevant train operating systems and equipment
K25 the limits of your own authority
K26 the lines and methods of effective communication within your organisation
K27 what factors contribute to making a train unserviceable and actions which must betaken

K28 the operational schedule
K29 the relevant documentation completion requirements within your organisation
K30 how to identify types of rail vehicles and their relevant systems and equipment

PPLRS11

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Additional information

Glossary

Your organisation

This is the company you work for or, if you are self employed, the rules you have set for yourself to ensure that you comply with relevant legal and licensing requirements

PPLRS11

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Developed by	People 1st
Version number	1
Date approved	May 2009
Indicative review date	May 2013
Validity	Current
Status	Original
Originating organisation	GoSkills
Original URN	GSKRS11
Relevant occupations	Transportation operations and maintenance; Transport Drivers and Operatives
Suite	Rail Services
Key words	preparation, rail vehicles, trains, operational requirements