



Australian Government

Assessment Requirements for FBPSUG3004

Drive a master-slave locomotive

Release: 1

Assessment Requirements for FBPSUG3004 Drive a master-slave locomotive

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

Performance Evidence

An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit.

There must be evidence that the individual has driven a master-slave locomotive in line with workplace contexts and demonstrated each of the following points at least once:

- carried out all required pre-departure checks
- selected, fitted and used personal protective equipment (PPE)
- reported health and safety risks and maintenance requirements
- prepared and connected the master and slave locomotives, systems and operating settings
- safely started and operated the master-slave locomotive and associated equipment
- communicated with other personnel using available equipment
- monitored locomotive and equipment operating condition
- assessed equipment faults to determine appropriate corrective action
- took corrective action in response to abnormal or unacceptable performance of control systems or operating equipment
- carried out a shift changeover
- recorded shift information
- safely shut down the master-slave locomotive and associated equipment
- cleaned and stored plant and equipment.

Knowledge Evidence

An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of:

- communication procedures, methods and equipment, including an understanding of warning devices and signals
- functions and operating principles of master and slave locomotive operating equipment
- purpose and limitations of protective clothing and equipment for driving a master and slave locomotive

- purpose of the master and slave locomotives in controlling the train, and operating principles of all instruments and controls
- safe operating capacities of equipment
- typical faults that can occur when operating a locomotive in a master-slave configuration and how to assess severity and risk in order to determine appropriate corrective action
- key health and safety requirements for driving a master and slave locomotive in the workplace:
 - health and safety hazards related to driving a locomotive and associated control measures
 - correct use of PPE
- procedures for responding to unplanned events or emergencies including derailments, breakdowns, accidents or track damage.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a cane railway system or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - PPE
 - master and slave locomotive and related equipment
 - relevant equipment required to carry out inspections, checks and monitoring
 - communications equipment
 - workplace information recording system
- specifications:
 - operating procedures and related advice, including advice on safe work practices
 - workplace information, including running slips and daily schedule, to advise of driving requirements
 - operating procedures and related advice on equipment operation.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>