



Australian Government

FBPSUG1002 Undertake shunting operations

Release: 1

FBPSUG1002 Undertake shunting operations

Modification History

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

Application

This unit of competency describes the skills and knowledge required to plan and carry out shunting of rolling stock to meet requirements of the marshalling strategy.

The unit applies to individuals who work under supervision with rolling stock in a cane haulage system in the sugar industry.

All work must be carried out to comply with workplace procedures according to state/territory health and safety regulations, legislation and standards that apply to the workplace.

No occupational licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Nil

Unit Sector

Sugar milling (SUG)

Elements and Performance Criteria

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Plan and prepare for shunting operation	1.1 Select, fit and use personal protective equipment according to workplace requirements 1.2 Identify and report hazards and damage or faults in bins and equipment to supervisor 1.3 Confirm shunting requirements with supervisor 1.4 Locate and prepare vehicles and equipment according to

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	workplace procedures 1.5 Identify rolling stock movements, availability and locations to determine appropriate siding or track locations for vehicle placement
2. Carry out shunting control procedures	2.1 Use points, levers, switches, signals and line of sight communications to assist the control of rolling stock movement 2.2 Use hand, light and radio shunting commands that conform with operational and statutory requirements 2.3 Check consignment notes or tickets and locate and sort bins according to marshalling requirements 2.4 Couple and uncouple rolling stock according to workplace procedures
3. Complete work	3.1 Record workplace information according to workplace procedures 3.2 Clean and store tools, plant and equipment according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria.

Skill	Description
Numeracy	Count bins, rakes and rolling stock
Navigate the world of work	Understand main tasks, responsibilities and boundaries of own role
Interact with others	Communicate with others according to workplace communication practices
Get the work done	- Complete tasks in required sequence - Apply decision-making processes to control hazards in routine situations

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPSUG1002 Undertake shunting operations	FDFSUG102A Undertake shunting operations	Updated to meet Standards for Training Packages Minor updates to reflect AQF alignment	Equivalent unit

Links

Companion Volume Implementation Guides are found in VETNet: -

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

Assessment Requirements for FBPSUG1002 Undertake shunting operations

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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 undertaken shunting operations, in line with workplace contexts, and demonstrated each of the following points at least once:

- identified shunting requirements
- safely fitted and used personal protective equipment (PPE)
- identified and reported hazards and maintenance requirements for bins and rakes
- determined siding or track locations for vehicles
- attached and detached rolling stock
- correctly used controls and communications equipment during shunting
- recorded required shunting information
- cleaned and stored tools, plant and equipment according to workplace requirements.

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:

- functions and basic operating principles of equipment used for shunting operations
- methods used to render equipment safe to inspect, maintain and/or clean, including lock-out, tag-out and isolation procedures
- acceptable locomotive, bin and rake condition and requirements for reporting any items needing repair
- requirements of cut-to-crush sequencing of cane rakes
- key health and safety requirements in the workplace:
 - correct use of PPE
 - safe work procedures
 - hazards related to work responsibilities and associated control measures
 - procedures for responding to emergency situations

- how to communicate using hand, light and audible communication signals
- workplace cleaning standards for the work area.
- requirements to liaise with or advise personnel in related work areas.

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:
 - consignment notes, tickets, logs and running sheets
 - PPE
 - communication equipment
 - media for recording workplace information
- specifications:
 - operating procedures and related advice on equipment operation
 - workplace cleaning standards and procedures.

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

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