



Australian Government

FBPSUG3002 Control cane traffic movements

Release: 1

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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 control movements on the cane railway delivery and transport network to ensure safe train separation, efficient running of the traffic system and continuous, fresh supply of cane to the mill.

The unit applies to individuals who work in the sugar milling industry and are responsible for controlling cane transport and truck movements.

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. Prepare for operation	1.1 Select, fit and use personal protective equipment according to workplace procedures 1.2 Participate in shift handover process to identify status and occurrences affecting traffic control 1.3 Confirm status of traffic activities on the cane railway network and

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	in empty and full yards 1.4 Establish communication with drivers, crews and other relevant personnel according to workplace procedures
2. Implement schedule	2.1 Issue train movement instructions to maintain safe operations 2.2 Use the communication system to provide timely information to relevant personnel
3. Issue train clearances	3.1 Issue clearance instructions to maintain train separation according to workplace procedures 3.2 Issue point-to-point clearances according to workplace procedures
4. Maintain train separation	4.1 Control access to the rail network, including access by drivers, navvies, contractors, harvesting crews and other third parties according to workplace procedures 4.2 Arrange and coordinate train passing 4.3 Manage transportation movements using rail network procedures and systems
5. Maintain efficient running	5.1 Coordinate and adjust transport departures and arrivals according to workplace procedures 5.2 Monitor train running times and act on opportunities to improve efficiency 5.3 Maximise train loads within load limits according to workplace procedures 5.4 Manage train passing to minimise delays and maintain safe operations 5.5 Monitor and optimise overall operating efficiencies
6. Complete traffic control operations	6.1 Record train movements and related workplace information according to workplace procedures 6.2 Ensure recording systems and advice reflect accurate information at the time of handover 6.3 Carry out handover according to workplace procedures 6.4 Ensure traffic controllers are aware of system and related equipment status at completion of handover

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
Reading	- Interpret routine information on marshalling strategy, traffic schedule and running sheets, and standard operating procedures - Interpret log books, incident reports, mimic boards and related documentation
Oral communication	Speak clearly and use accurate terminology to communicate with others
Numeracy	- Interpret transport information system indicators for traffic movements and scheduling - Calculate loads and compare with load limits
Navigate the world of work	- Apply workplace procedures relevant to own role - Understand own role and associated responsibilities
Interact with others	Apply communication practices and protocols relevant to own role
Get the work done	- Complete tasks in required sequence and according to schedule - Use print and screen-based information technology - Make routine decisions to correct abnormal system performance - Recognise, respond to and solve problems related to cane traffic movements

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPSUG3002 Control cane traffic movements	FDFSUG302A Control cane traffic movements	Updated to meet Standards for Training Packages	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 FBPSUG3002 Control cane traffic movements

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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 controlled cane traffic movements in line with workplace contexts and demonstrated each of the following points at least once:

- selected, fitted and used personal protective equipment (PPE)
- calculated efficient loads within equipment capacities and rail system limits
- confirmed status of traffic movements
- operated transport information and communication systems to control access, monitor and maintain safe operations and schedules
- provided traffic information, instructions and clearances to personnel
- coordinated train running to optimal overall efficiency
- prepared for and conducted handover
- recorded traffic control information.

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:

- conditions that are unusual or unplanned, and related options for response, including implications of different options for maintaining safe and efficient traffic movement
- communication systems, protocols and standards
- factors that impact on efficient performance, including:
 - labour
 - crib breaks
 - holding locos
 - waiting time (last bin)
 - fuel use
 - loads

- factors that impact on the scheduling of traffic movements, including the relationship between these factors
- procedures for coordinating locomotive and/or truck departures and arrivals and train crossings
- procedures for recording information
- personnel to be notified of traffic movement instructions and advice, including the information relevant to each group/person
- requirements of relevant health and safety legislation, standards and industry codes of practice relating to work responsibilities.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a cane transport system or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - PPE
 - transport system information and communication systems and equipment
 - workplace information recording systems
- specifications:
 - operating procedures and related advice, including advice on safe work practices
 - workplace information required to determine and monitor safe traffic movements on the cane transport network, including traffic schedule to assess, adjust and monitor work
 - operating procedures related to work responsibilities.

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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