



Australian Government

FBPSUG3003 Adjust cane delivery schedules to meet daily milling requirements

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 adjust cane delivery schedules to meet daily sugar mill operational requirements.

The unit applies to individuals who work in the sugar milling industry and are responsible for scheduling operations.

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. Identify daily factory requirements for cane supply	1.1 Access workplace information for daily cane supply requirements 1.2 Identify factors that impact on cane supply
2. Calculate zero hour	2.1 Calculate zero hour to take account of daily variables 2.2 Inform relevant personnel of zero hour according to workplace

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	procedures
3. Amend daily bin allotment and bin allocations	3.1 Determine bin allotment requirements 3.2 Calculate daily bin allotment and bin allocations based on amended requirements 3.3 Amend schedule for bin allocation and locomotive runs to harvest groups to meet requirements 3.4 Document and submit amended schedule for approval
4. Monitor supply and demand to maintain and adjust schedule	4.1 Coordinate and adjust transport departures and arrivals to meet schedule requirements 4.2 Use regular two-way communication with locomotive drivers and harvester operators to maintain schedules and safe operations 4.3 Monitor cane stock and deliveries against schedule 4.4 Identify variations between supply and schedule and take corrective action as required 4.5 Identify resource implications of amended schedules, and access resources to meet requirements 4.6 Monitor progress against schedule 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
Reading	Interpret information from various sources of workplace information
Writing	Record cane scheduling information and data in required format
Oral communication	Speak clearly and use accurate terminology to communicate with others
Numeracy	- Interpret system information and data - Identify network yard and siding capacities, and bin weights

Skill	Description
Navigate the world of work	• Apply workplace procedures relevant to own role • Understand own role and associated responsibilities in terms of workplace information, and how it contributes to the work of others
Interact with others	• Apply communication practices and protocols relevant to own role
Get the work done	• Plan, organise, prioritise and adjust cane delivery scheduling within time and resource constraints • Access, interpret and enter system information • Recognise and respond to problems related to cane schedule variations

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
FBPSUG3003 Adjust cane delivery schedules to meet daily milling requirements	FDFSUG303A Adjust cane delivery schedules to meet daily milling requirements	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 FBPSUG3003 Adjust cane delivery schedules to meet daily milling requirements

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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 adjusted cane delivery schedules to meet daily milling requirements in line with workplace contexts and demonstrated each of the following points at least once:

- calculated and amended daily schedule bin allotments and bin allocations
- applied workplace information to calculate zero hour
- confirmed resources and personnel to meet amended schedule
- coordinated and adjusted locomotive movements, and responded to update schedule
- reallocated cane bin deliveries to harvesters
- used communication systems and equipment
- maintained workplace records.

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 options for response, including the implications of different options for maintaining the continuous and efficient supply of cane
- communication systems, protocols and standards
- purpose and use of a computerised traffic system
- purpose and procedure for calculating zero hour
- factors that can affect the calculation of zero hour, including:
 - factory performance, including planned and unplanned mill stops
 - weather
 - transport system delays, including locomotive/motor truck breakdown
 - availability of empty bins, taking into account mixed bin fleet if appropriate

- availability of full-yard space
- availability of empty-yard space
- siding status
- track infrastructure condition
- harvester failure
- factors that impact on efficient performance, including:
 - labour
 - crib breaks
 - holding locos
 - waiting time (last bin)
 - fuel use
 - loads
- personnel to be notified of zero hour and related amendments to schedule, including the information relevant to each group/person
- work schedule planning, including the inter-relationships between:
 - planned crushing rate
 - current stocks (yards and sidings)
 - yard and siding capacities
 - average bin weights
 - harvesting rosters
 - cut-to-crush delays
 - loco loads and performance
 - bin fleet size and availability
 - rail network capacity
 - labour requirements and availability.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in sugar milling workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - transport system and associated information and communication systems and equipment
 - workplace information to assess, adjust and monitor work progress against schedule
 - workplace information recording system
- specifications:
 - 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.

Links

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