



Australian Government

FBPSUG2007 Conduct cane weighbridge operations

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 set up and operate a weighbridge to weigh and record incoming cane deliveries in sugar milling operations.

The unit applies to individuals who work under supervision in the sugar milling 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. Set up weighbridge operations	1.1 Check weighbridge systems, including equipment, computer and recording arrangements, for operational status 1.2 Conduct tests to confirm accuracy of weighbridge operations and related functions in accordance with enterprise procedures, manufacturer's instructions and relevant statutory requirements 1.3 Keep accurate reporting of the results of the inspection and testing according to workplace procedures

Elements	Performance Criteria
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
	1.4 Identify hazards and faults/discrepancies in weighbridge operation and undertake action according to workplace requirements
2. Weigh loaded vehicles/bins	2.1 Select, fit and use personal protective equipment according to safe work practices 2.2 Reject bins exceeding weight limit 2.3 Register weight of loaded bins or vehicles against bin identification 2.4 Calculate net weight of bins and vehicles 2.5 Record bins or vehicles and cane type according to workplace procedures
3. Prepare for shift changeover	3.1 Secure weighbridge systems, including equipment, computer and recording arrangements, or make ready for the next shift 3.2 Maintain records of operations and file according to workplace procedures 3.3 Undertake shift changeover according to workplace procedures 3.4 Inform incoming weighbridge operators of weighbridge and related equipment status 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 workplace requirements, standard operating procedures and specifications relevant to job role
Numeracy	Check and confirm operational status of equipment and calibration of weighbridges using test weights
Navigate the world of work	- Understand main tasks, responsibilities and boundaries of own role - Apply workplace procedures relevant to own role
Interact with others	Apply communication practices and protocols relevant to own role

Skill	Description
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
FBPSUG2007 Conduct cane weighbridge operations	FDFSUG207A Conduct cane weighbridge operations	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 FBPSUG2007 Conduct cane weighbridge 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 conducted cane weighbridge operations in line with workplace contexts and demonstrated each of the following points at least once:

- checked and tested accuracy of weighbridge equipment
- correctly selected, fitted and used personal protective equipment (PPE)
- accurately weighed loaded vehicles/bins
- calculated net weights and identified overweight loads
- completed and maintained accurate weighbridge operation records
- confirmed status of weighbridge and related equipment at start-up
- conducted shift changeover.

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 operating principles of weighbridge and related equipment components
- cut-to-crush sequence
- relationship between the weighbridge and downstream operations
- purpose and procedures for testing accuracy of weighbridge using test weights
- method to calculate net bin weight
- legislation relating to cane payment as it affects weighing and sampling, and weights and measures legislation
- key health and safety requirements in the workplace:
 - health and safety hazards and associated control measures
 - manual handling procedures relevant to weighbridge operations
 - correct use of PPE.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a sugar milling workplace or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - weighbridge and related equipment
 - loaded cane bins
 - PPE
 - workplace information recording system
- specifications:
 - relevant codes of practice and industry standards
 - operating procedures and related advice on equipment operation
 - workplace procedures for safe work practices.

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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