



Australian Government

Department of Education, Employment and Workplace Relations

SUGTCW2A Conduct cane weighbridge operations

Revision Number: 1

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Modification History

Not applicable.

Unit Descriptor

Unit descriptor

This is a Specialist unit. It covers the skills and knowledge required to operate a weighbridge to weigh and record incoming cane deliveries.

Application of the Unit

Not applicable.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

Employability Skills Information

Not applicable.

Elements and Performance Criteria Pre-Content

Not applicable.

Elements and Performance Criteria

Element	Performance criteria
1. Set up weighbridge operations	<ul style="list-style-type: none">1.1 Weighbridge systems, including equipment, computer and recording arrangements are checked for operational status1.2 Tests to confirm accuracy of weighbridge operations and related functions are conducted in accordance with enterprise procedures, manufacturers instructions and relevant legislation1.3 Accurate reporting of the results of the inspection and testing is kept in accordance with statutory requirements, enterprise policy and industry guidelines1.4 Faults/discrepancies in weighbridge operation and Hazards are identified and action undertaken in accordance with enterprise procedures
2. Weigh loaded vehicles/bins	<ul style="list-style-type: none">2.1 Bins exceeding weight limit are rejected2.2 Weight of loaded bins\vehicles is registered against bin identification2.3 Net weight of bins\vehicles is calculated2.4 Bins\vehicles and cane type are recorded according to workplace recording requirements2.5 The workplace meets housekeeping standards
3. Prepare for shift changeover	<ul style="list-style-type: none">3.1 Weighbridge systems, including equipment, computer and recording arrangements are secured or made ready for the next shift3.2 Records of operations are maintained and filed in accordance with enterprise procedures and statutory requirements3.3 Shift changeover is carried out according to workplace procedure3.4 Incoming weighbridge operators are aware of weighbridge and related equipment status procedures and manufacturer's recommendations

Required Skills and Knowledge

Not applicable.

Evidence Guide

Evidence guide

The assessment process must address all of the following items of evidence.

Ability to:

1. Confirm status of weighbridge and related equipment at start up
2. Select, fit and use personal protective clothing and/or equipment
3. Demonstrate manual and automatic modes of operation as appropriate to workplace equipment
4. Demonstrate load weighing procedure. This includes confirming accuracy of weighbridge
5. Monitor weighbridge operation. This typically includes:
 - confirming correct bins are tipped
 - bin weights
 - zero of the bridge or within tolerance range
 - bin contents and fill height
 - bin delivery pushers and spotters as appropriate for equipment
6. Identify faults or non-conformance in operation
7. Take corrective action in response to abnormal or unacceptable performance
8. Use appropriate communication methods and equipment
9. Liaise with pushers and pin-pullers as required
10. Report and/or record corrective action as required
11. Complete weighbridge operation records
12. Maintain work area to meet housekeeping standards

May include the ability to:

13. Control yard movements of bins
14. Operate a tipping process

Knowledge of:

15. Relevant state OHS legislation, standards and codes of practice relating to work responsibilities, legislation relating to cane payment as it affects requirements weighing and sampling and weights and measures legislation
16. Functions and basic operating principles of weighbridge and related equipment components
17. Cut to crush sequence
18. The relationship between the weighbridge and downstream operations
19. Purpose and procedures for testing accuracy of weighbridge using test weights
20. Safe work procedures including awareness of health and safety hazards related to weighbridge operation and associated control measures
21. Purpose and limitations of protective clothing and equipment
22. Procedures for responding to emergency situations
23. Method to calculate net bin weight
24. Requirements to liaise/advise related work areas
25. Housekeeping standards for the work area
26. Reporting and recording systems

Relationship with other standards

Pre-requisite units

There are no pre-requisite units for this competency standard.

Co-assessment of related units

Other units of competency relevant to the work role should be assessed in conjunction with this unit. Where the weighbridge operator conducts yard control and/or tipping operations, the following related units are to be co-assessed with this unit.

- Operate a tipping process
- Control yard movements

Resources required for assessment

Assessment must occur in a real or simulated workplace where the assessee has access to:

- Weighbridge and related equipment
- Relevant codes of practice and industry standards
- Operating procedures and related advice on equipment operation
- Loaded cane bins
- Personal protective clothing and equipment
- Communication systems and equipment
- Housekeeping standards and procedures
- Workplace information recording systems, requirements and procedures

Assessment requirements

For information on how to assess this competency standard and who can assess, refer to the Assessment Guidelines for this Training Package.

Range Statement

Range statement

The range statement indicates the context for demonstrating competence. This statement is a guide and unless otherwise indicated, items may or may not apply as required by the work context.

- Work is carried out in accordance with company policies and procedures, licensing requirements, legislative requirements, codes of practice and industrial awards and agreements. Codes of practice include the Sugar Milling Operations Industry Code of Practice and sugar industry codes of practice related to cane railway and transport operations
- Workplace information can include Standard Operating Procedures (SOPs) and manufacturer's specifications
- Calibration of weighbridges are determined using test weights
- Information systems may be print or screen based
- Work may require the ability to work within a team environment
- Communication methods may include use of two-way radios
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Unit Sector(s)

Not applicable.