



Australian Government

Department of Education, Employment and Workplace Relations

FDFSUG104A Check a cane sample for extraneous matter

Release: 1

FDFSUG104A Check a cane sample for extraneous matter

Modification History

New Unit based on *SUGTAEMIA Assess extraneous matter in cane.*

Unit Descriptor

This unit describes the outcomes required to carry out a visual and physical assessment of extraneous matter in cane samples upon arrival at a sugar mill.

Application of the Unit

This unit has application in the sugar milling industry.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

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

Employability Skills Information

This unit contains employability skills.

Elements and Performance Criteria Pre-Content

Elements describe the essential outcomes of a unit of competency.

Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold italicised text is used, further information is detailed in the required skills and knowledge section and the range statement. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Prepare for assessment of cane	<ul style="list-style-type: none">1.1 Personal protective clothing and equipment is selected and used1.2 Health and safety hazards/maintenance requirements are identified and reported to appropriate personnel according to workplace reporting procedures1.3 Cane sample is collected according to workplace procedure1.4 Weighing equipment is prepared for operation
2 Assess extraneous matter in cane	<ul style="list-style-type: none">2.1 Cane sample is inspected and sorted according to workplace procedure2.2 Extraneous matter in cane is assessed according to workplace procedure2.3 Results of assessment are recorded according to workplace recording requirements

Required Skills and Knowledge

This section describes the skills and knowledge required for this unit.

Required skills include:

Ability to:

- access workplace information on operating requirements
- select, fit and use personal protective clothing and/or equipment
- collect cane samples for testing according to workplace procedure
- confirm that scales are tared or zeroed and operating correctly
- conduct visual and physical assessment of cane
- record results
- identify and report cane assessments that are not within specification
- follow procedures to repeat or validate results as required
- maintain work area to meet housekeeping standards
- maintain workplace records

Required knowledge includes:

Knowledge of:

- purpose of extraneous matter test and nature of extraneous matter typically found in cane
- conditions and practices that affect the level of extraneous matter found in cane
- the effect of high levels of extraneous matter on downstream operations
- safe work procedures including awareness of health and safety hazards related to turbine operation and associated control measures
- methods used to sort and calculate extraneous matter in a sample
- method and purpose of taring or zeroing weighing equipment
- procedure for reporting faulty weighing equipment

Evidence Guide

<p>The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.</p>	
<p>Overview of assessment</p>	<p>Assessment must be carried out in a manner that recognises the cultural and literacy requirements of the assessee and is appropriate to the work performed.</p>
<p>Critical aspects for assessment and evidence required to demonstrate competency in this unit</p>	<p>Evidence of ability to:</p> <ul style="list-style-type: none"> • collect cane samples for testing according to workplace procedure • conduct visual and physical assessment of cane • follow procedures to repeat or validate results as required.
<p>Context of and specific resources for assessment</p>	<p>Assessment must occur in a real or simulated workplace where the assessee has access to:</p> <ul style="list-style-type: none"> • Sampling plan • Extraneous matter/quality specifications • Weighing equipment • Operating procedures and related advice on equipment operation • Personal protective clothing and equipment • Housekeeping standards and procedures • Workplace information recording systems, requirements and procedures.
<p>Method of assessment</p>	<p>Other units of competency relevant to the work role should be assessed in conjunction with this unit.</p>
<p>Guidance information for assessment</p>	<p>To ensure consistency in one's performance, competency should be demonstrated on more than one occasion over a period of time in order to cover a variety of circumstances, cases and responsibilities, and where possible, over a number of assessment activities.</p>

Range Statement

<p>The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance. Bold italicised wording, if used in the performance criteria, is detailed below. Essential operating conditions that may be present with training and assessment (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) may also be included.</p>	
Policies and procedures	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	Codes of practice include the Sugar Milling Operations Industry Code of Practice.
Workplace information	Workplace information can include: <ul style="list-style-type: none"> • Standard Operating Procedures (SOPs) • sampling plans and • cane extraneous matter/quality specifications.
Cane inspection and assessment	Cane inspection and assessment may be visual and/or by weight.
Hazards	Hazards typically include those associated with manual handling.
Preparation of weighing equipment	Preparation of weighing equipment typically includes: <ul style="list-style-type: none"> • taring or zeroing scales and • confirming calibration using check weights.
Teamwork	Work may require the ability to work within a team environment.
Information systems	Information systems may be print or screen based.

Unit Sector(s)

Sugar Milling