



Australian Government

FBPSUG2003 Lay skeleton track for cane rail system

Release: 1

FBPSUG2003 Lay skeleton track for cane rail system

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 prepare and lay pre-fabricated rails in sugar cane haulage systems. It relates to construction of new track, and repair of existing track that has been pre-welded to meet track design and construction specifications.

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. Plan and prepare work	1.1 Identify the location and scope of work according to specifications 1.2 Confirm and prepare materials required to complete the work are available to specifications 1.3 Carry out pre-operational checks, confirm operational status of equipment, and report any faults

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 Select, fit and use personal protective equipment as required 1.5 Confirm that work is clearly signed according to safety procedures and that relevant authorities have been advised that work is in progress 1.6 Identify and remove potential hazards from construction area before commencing work
2. Lay and fix skeleton tracks	2.1 Position skeleton track section on base foundation and align to meet construction specifications 2.2 Fix rail lengths according to construction specifications
3. Complete work	3.1 Clear the construction area of debris according to workplace procedures 3.2 Store unused materials according to workplace procedures 3.3 Clean and store tools, plant and equipment according to workplace requirements 3.4 Record workplace information according to workplace requirements

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
Numeracy	Estimate quantities of material requirements
Navigate the world of work	Understand responsibilities and boundaries of own role
Interact with others	- Apply communication practices and protocols relevant to own role - Use communications equipment to communicate workplace information
Get the work done	- Complete tasks according to plan - 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
FBPSUG2003 Lay skeleton track for cane rail system	FDFSUG203A Lay skeleton track for cane rail system	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 FBPSUG2003 Lay skeleton track for cane rail system

Modification History

Release	Comments
Release 1	This version released with FBP Food, Beverage and Pharmaceutical Training Package Version 2.0.

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 laid skeleton track for a cane rail system in line with workplace contexts and demonstrated each of the following points at least once:

- confirmed rail lengths meet required design and construction specifications
- carried out pre-operational checks of equipment
- estimated and prepared required materials
- applied safety procedures to prepare work area
- positioned and fixed skeleton track to specification
- correctly communicated workplace information using available communications equipment
- recorded track laying information
- cleared the work area and completed cleaning and storage tasks according to workplace requirements.

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:

- site operating procedures and practices for construction of railway systems
- steps involved in laying and fixing skeleton track
- functions and basic operating principles of equipment used in laying skeleton track
- the importance of rail positioning and alignment on track quality and performance
- the quality requirements of skeleton tracks for use in rail systems
- common problems related to laying skeleton tracks, and corrective action
- key health and safety requirements in the workplace:
 - safe work procedures
 - hazards related to track laying, and associated control measures

- manual handling procedures for rail system construction
- correct use of personal protective equipment (PPE)
- traffic control signage and communication procedures for rail system construction
- workplace cleaning standards for the work area.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - skills must be demonstrated in a cane rail system or an environment that accurately represents workplace conditions
- resources, equipment and materials:
 - materials handling equipment and relevant hand and power tools
 - rails and related materials
 - PPE
 - communications equipment
 - workplace information recording system
- specifications:
 - specifications, site and related project information
 - 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.

Links

Companion Volume Implementation Guides are found in VETNet: -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=78b15323-cd38-483e-aad7-1159b570a5c4>