



Australian Government

Department of Education, Employment and Workplace Relations

SUGSLST2A Lay skeleton track

Revision Number: 1

SUGSLST2A Lay skeleton track

Modification History

Not applicable.

Unit Descriptor

Unit descriptor

This is a Specialist unit. It covers the skills and knowledge required to lay pre-fabricated rails.

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. Plan and prepare work	1.1 The location and scope of work are identified 1.2 Materials required to complete the work are confirmed and available 1.3 Equipment status is confirmed and pre-operational checks are carried out 1.4 Personal protective equipment is selected, correctly fitted and used 1.5 Safety procedures are followed to confirm that work is clearly signed and relevant authorities are advised that work is in progress 1.6 Site is inspected prior to commencing work to identify and remove potential hazards
2. Lay skeleton tracks	2.1 Skeleton track section is placed on base foundation and aligned to meet construction specifications
3. Complete work	3.1 The construction area is cleared of debris 3.2 Unused materials are stored as required 3.3 Tools, plant and equipment is cleaned and stored as required 3.4 Workplace information is recorded according to workplace recording requirements

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. Interpret workplace information such as drawings and related instructions to identify the project requirements
2. Confirm that pre-fabricated skeleton track is available to meet the requirements of a given project
3. Assess operational status of equipment and carry out pre-operational checks
4. Lay skeleton track to meet design and construction specifications. This includes checking track position and alignment and fixing track to sleepers
5. Identify faulty operation of equipment
6. Identify unacceptable work outcomes
7. Take corrective action in response to abnormal or unacceptable performance
8. Use appropriate communication methods and equipment
9. Report and/or record corrective action as required
10. Maintain work area to meet housekeeping standards

May include ability to:

11. Operate track handling equipment such as front end loaders

Knowledge of:

12. Relevant state OHS legislation, standards and codes of practice relating to work responsibilities
13. Site operating procedures and practices
14. Understanding of the steps involved in laying skeleton track
15. Functions and basic operating principles of equipment used
16. The importance of rail positioning and alignment on track quality and performance
17. The quality requirements of skeleton tracks
18. Common problems related to laying skeleton tracks and corrective action required
19. Traffic control signage, communication and procedures
20. Safe work procedures including awareness of health and safety hazards related to track laying and associated control measures. This includes safe manual handling procedures
21. Purpose and limitations of protective clothing and equipment
22. Requirements to liaise/advise related work areas
23. Housekeeping standards for the work area
24. Reporting and recording systems

May include knowledge of:

25. Operating procedures for materials handling equipment

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. This may include:

- SUGSLSP2A Lay sleepers
- BCC3005A Conduct front end loader operations

Resources required for assessment

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

- Site and related project information
- Relevant codes of practice and industry standards
- Materials handling equipment and relevant hand and power tools
- Operating procedures and related advice on equipment operation
- Skeleton tracks - pre-fabricated to meet track design and construction specifications and related materials
- 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 drawings and plans, Standard Operating Procedures (SOPs) and manufacturer's specifications
- Cane railway network features and their characteristics may include main and branch lines, yards, sidings, loops, dump points and pads; and road transport delivery points where relevant
- Information systems may be print or screen based
- Equipment and materials may include materials handling equipment such as front end loaders and cranes, hand tools, pneumatic tools, base plates, fish plates, clips, dog spikes, anchors, screws, insulating biscuits and camber plates
- Track has been pre-fabricated
- Confirming equipment status involves conducting relevant pre-start checks, confirming that all safety guards and equipment is ready and safe to operate
- 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.