



Australian Government

Department of Education, Employment and Workplace Relations

TLIL4050A Allocate rolling stock

Release: 1

TLIL4050A Allocate rolling stock

Modification History

Not Applicable

Unit Descriptor

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This unit involves the skills and knowledge required to allocate rolling stock in accordance with workplace procedures and the requirements of relevant safeworking regulations and codes of practice. It includes identifying train consists and passenger and/or freight requirements, establishing available rolling stock, allocating rolling stock to trains, and monitoring and amending rolling stock allocation. Licensing, legislative, regulatory or certification requirements are applicable to this unit.

Application of the Unit

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Persons achieving competence in this unit will need to fulfil the applicable legislated rail safety requirements including acts and regulations from each state and territory together with any nationally approved compliance codes and/or guidelines.

Work is performed individually and skills are required to work within a team environment. It involves the application of regulatory requirements and operational principles and procedures to allocate rolling stock as part of work activities across a variety of operational workplace contexts within the Australian rail system.

Licensing/Regulatory Information

Refer to Unit Descriptor

Pre-Requisites

Not Applicable

Employability Skills Information

Employability Skills 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 required performance needed to demonstrate achievement of the element. Assessment of performance is to be consistent with the evidence guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Identify train consists and passenger and/or freight requirements	1.1 Details of train consist and passenger numbers acquired from train planning are evaluated against available resources in accordance with workplace procedures 1.2 Train running times and train details are identified to confirm timings in accordance with workplace procedures 1.3 Initial estimate of required rolling stock by numbers and types for each rail service is made
2 Establish available rolling stock	2.1 Passenger numbers and class of travel to be catered for with a passenger train are identified to ensure suitable carriages are provided 2.2 Types of freight train rolling stock required for the established freight loads and track dimensions are identified in accordance with workplace procedures 2.3 Passenger or freight train rolling stock locations are established using available tracking systems and procedures 2.4 Serviceability of the required rolling stock is confirmed using appropriate workplace procedures 2.5 Support rolling stock for passenger trains (such as dining cars) is located and assigned for each rail service 2.6 Rolling stock committed for the rail service is recorded as being required for use prior to positioning for service/loading operations

Required Skills and Knowledge

REQUIRED KNOWLEDGE AND SKILLS

This describes the essential knowledge and skills and their level required for this unit.

Required knowledge:

- Applicable legislated rail safety requirements including acts and regulations from each state and territory together with any nationally approved compliance codes and/or guidelines
- Relevant OH&S and environmental procedures and regulations including codes of practice
- Workplace procedures and policies for allocating rolling stock
- Rolling stock and specifications, capabilities and capacity
- Allocation and maintenance schedules of rolling stock
- Track specifications and restrictions
- Gauges, distance, gradients and tonnages for relevant track area

REQUIRED KNOWLEDGE AND SKILLS

- Communication requirements
- Load types
- Load calculation and allocation requirements
- Load handling equipment use and capacities
- Shunting and marshalling requirements
- Equipment and materials used when allocating rolling stock, and procedures that should be followed in their use
- Problems that may occur when allocating rolling stock and appropriate action that can be taken to resolve the problems
- Documentation and record requirements
- Communication and negotiation requirements when allocating rolling stock

Required skills:

- Communicate effectively with others when allocating rolling stock
- Read and interpret instructions, procedures and information relevant to the allocation of rolling stock
- Interpret train movement graphs and diagrams
- Interpret and follow operational instructions and prioritise work
- Complete documentation and enter data related to the allocation of rolling stock
- Operate electronic communication equipment to required protocol
- Calculate load requirements
- Work collaboratively with others when allocating rolling stock
- Adapt appropriately to cultural differences in the workplace, including modes of behaviour and interactions with others
- Promptly report and/or rectify any problems, faults or malfunctions that may be identified when allocating rolling stock in accordance with regulatory requirements and workplace procedures
- Implement contingency plans for unanticipated situations that may arise when allocating rolling stock
- Apply precautions and required action to minimise, control or eliminate hazards that may exist during the allocation of rolling stock
- Monitor work activities in terms of planned schedule
- Modify activities depending on differing operational contingencies, risk situations and environments
- Work systematically with required attention to detail without injury to self or others, or damage to goods or equipment
- Operate and adapt to differences in equipment in accordance with standard operating procedures

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required knowledge and skills, the range statement and the assessment guidelines for this Training Package.

Critical aspects for assessment and evidence required to demonstrate competency in this unit

- The evidence required to demonstrate competency in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria of this unit and include demonstration of applying:
 - the underpinning knowledge and skills
 - relevant legislation and workplace procedures
 - other relevant aspects of the range statement

Context of and specific resources for assessment

- Performance is demonstrated consistently over a period of time and in a suitable range of contexts
- Resources for assessment include:
 - a range of relevant exercises, case studies and/or other simulated practical and knowledge assessment, and/or
 - access to an appropriate range of relevant operational situations in the workplace
- In both real and simulated environments, access is required to:
 - relevant and appropriate materials and equipment, and
 - applicable documentation including workplace procedures, regulations, codes of practice and operation manuals

Method of assessment

- Assessment of this unit must be undertaken by a registered training organisation
- As a minimum, assessment of knowledge must be conducted through appropriate written/oral tests
- Practical assessment must occur:
 - through activities in an appropriately simulated environment at the registered training organisation, and/or
 - in an appropriate range of situations in the workplace

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole. It allows for different work environments and situations that may affect performance.

Operations may be:	• by day or night • in all relevant weather conditions
Support rolling stock may include:	• dining cars • lounge cars • observation decks • conference cars • bar cars
Rolling stock tracking systems may include:	• manual tracking systems • computer-based tracking systems
Trains/services for which allocations are made may include:	• long distance passenger service • urban passenger service • short distance freight service • long distance freight service • work trains • special freight trains
Factors involved in establishing rolling stock requirements and availability may include:	• operating policies • available rolling stock • track specifications and limitations • gauges • distances • communication requirements • tonnages (for freight trains) • load types (for freight trains) • configuration • coupling requirements
Contingency plans may include:	• non-availability of specified rolling stock • operational breakdowns • equipment failure • communications difficulties
Consultative processes may involve:	• workplace personnel including supervisors and managers • other professional or technical staff
Depending on the type of organisation concerned and the local terminology used, workplace procedures may include:	• company procedures • enterprise procedures • organisational procedures • established procedures

RANGE STATEMENT

Information/documents may include:

- applicable legislated rail safety requirements including acts and regulations from each state and territory together with any nationally approved compliance codes and/or guidelines
- workplace rules and operating procedures
- print-outs from office machines
- displays on computer monitors
- hard copy documentation
- computer-based data systems
- verbal and written information from relevant staff and management

Applicable procedures and codes may include:

- relevant state/territory regulations, codes of practice and safeworking system requirements
- relevant codes and regulations pertaining to the carriage of dangerous and hazardous goods including the ADG Code
- relevant Australian Standards and related requirements
- relevant state/territory OH&S legislation
- relevant state/territory environmental protection legislation

Unit Sector(s)

Not Applicable

Competency Field

Competency Field

L - Resource Management