



Australian Government

Department of Education, Employment and Workplace Relations

LGAPLEM510A Plan for the safe movement of cyclists

Release 2

LGAPLEM510A Plan for the safe movement of cyclists

Modification History

LGAPLEM510A Release 2: Layout adjusted.

LGAPLEM510A Release 1: Primary release.

Unit Descriptor

This unit covers identifying cyclist movement, developing safe movement options and preparing and monitoring design.

Application of the Unit

This unit supports the attainment of skills and knowledge required for competent workplace performance in councils of all sizes. Knowledge of the legislation and regulations within which councils must operate is essential. The unique nature of councils, as a tier of government directed by elected members and reflecting the needs of local communities, must be appropriately reflected.

Licensing/Regulatory Information

Not applicable.

Pre-Requisites

Not applicable.

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 required performance needed to demonstrate achievement of the element. Where ***bold italicised*** text is used, further information is detailed in the Range Statement. Assessment of performance is to be consistent with the Evidence Guide.

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
1 Identify existing or potential cyclist movements	1.1 New and planned developments are designed to provide for future cyclist movements. 1.2 Complaints, requests, comments, and observations are analysed to identify problems, risks and concerns. 1.3 Records and statistics are analysed to identify cyclist trends. 1.4 Research is undertaken to collect evidence on the movement of cyclists and other traffic flow.
2 Identify current ability of infrastructure to facilitate safe cyclist movement	2.1 Current infrastructure is investigated to clearly establish conditions that affect the safe movement of cyclists. 2.2 Identified problems and concerns are compared and assessed against legislative requirements, Australian standards, codes of practice and community expectations. 2.3 Clear priorities based on a ranking of safety factors are established.
3 Evaluate the options for the safe movement of cyclists	3.1 Options for assisting the safe movement of cyclists are identified. 3.2 All options are assessed on the basis of cost effectiveness, efficiency, equity and practicality. 3.3 Preferred options to rectify problems and concerns are selected based on agreed criteria.
4 Prepare preliminary report	4.1 A submission to council is made in accordance with requirements. 4.2 Opportunities are provided for community consultation to maximise acceptance of preferred options. 4.3 Statutory and other relevant authority approvals are obtained in required time frames with minimal modifications to the preferred option. 4.4 Clear, concise documentation is prepared that provides full preliminary cost details.
5 Prepare detailed design	5.1 A submission to council is made in accordance with requirements. 5.2 Opportunities are provided for community consultation to maximise acceptance of preferred options. 5.3 Statutory and other relevant authority approvals are obtained in required time frames with minimal modifications to the preferred option. 5.4 Clear, concise documentation is prepared that provides full preliminary cost details.
6 Monitor the effectiveness of the design	6.1 Records and statistics are monitored to measure the effectiveness of the program. 6.2 Complaints, requests and comments are reviewed to

ELEMENT**PERFORMANCE CRITERIA**

identify ongoing acceptance of the program.
6.3 Agreed time frame and criteria are considered.

Required Skills and Knowledge

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

Required Skills

- consultation and negotiation
- qualitative and quantitative research
- interpreting policy
- written and verbal reporting
- applying legislation
- applying standards and guidelines
- forecasting cyclists and other traffic trends
- estimating resources
- procurement practices
- cost control
- designing information, brochures, etc.
- analysing and interpreting data
- conducting workshops

Required Knowledge

- associated legislation
- standards and guidelines
- council policy
- council structure and services
- state bicycle plans
- planning cycles
- state and national cycling policies
- development principles

Evidence Guide

Overview of assessment requirements	A person who demonstrates competency in this unit will be able to perform the outcomes described in the Elements to the required performance level detailed in the Performance Criteria. The knowledge and skill requirements described in the Range Statement must also be demonstrated. For example, knowledge of the legislative framework and safe work practices that underpin the performance of the unit are also required to be demonstrated.
Critical aspects of evidence to be considered	Development of bicycle strategic plan. Analysis of information. Production of accurate information. Analysis of sites and information. Interpretation of data. Presentation of options. Effective problem solving based on research.
Context of assessment	On the job or in a simulated work environment.
Method of assessment	The following assessment methods are suggested: • observation of the learner performing a range of workplace tasks over sufficient time to demonstrate handling of a range of contingencies • written and/or oral questioning to assess knowledge and understanding • completion of workplace documentation • third-party reports from experienced practitioners • completion of self-paced learning materials including personal reflection and feedback from trainer, coach or supervisor
Evidence required for demonstration of consistent performance	Evidence will need to be gathered over time across a range of variables.
Resource implications	Access to a workplace or simulated case study that provides the following resources: • state and national cycling policies and bicycle plans • relevant computer database • traffic reports and surveys • consultation process with relevant stakeholders

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. ***Bold italicised*** wording in the Performance Criteria is detailed below.

- Statistics*** may include:
- police reports
 - bicycle agencies
 - traffic management plan
- Options for development*** may include:
- education and awareness programs
 - bicycle strategy plan
 - bike paths and lanes
- Consultation*** may include:
- police
 - health authorities
 - bicycle clubs and associations
 - road and transport authorities
 - other traffic groups

Unit Sector(s)

Planning