



Australian Government

TLIC3038 Apply safe motorcycle riding behaviours

Release: 1

TLIC3038 Apply safe motorcycle riding behaviours

Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit involves the skills and knowledge required for higher-order safe motorcycle riding. This unit applies to motorcycle riders required to apply safe riding behaviours.

This includes higher-order skills involving broad cognitive, technical, communication and motorcycle management. It also requires knowledge about hazard perception, risk control and safe riding behaviour, judgement, decision making and multi-tasking that builds on rider licence requirements across a range of motorcycles and riding situations.

Safe riding behaviours are applied without supervision.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Pre-requisite Unit

Not applicable.

Competency Field

C – Vehicle Operation

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Apply relevant legislation applicable to safe motorcycle

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

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| 1.1 | Current road rules and regulations are identified, interpreted and applied |
| 1.2 | Road signs, signals and markings are identified and complied |

riding	with in safe motorcycle riding activities
	1.3 Purpose of road rules and traffic safety laws in ensuring safe and efficient regulation of traffic flow, is interpreted and applied when riding a motorcycle
2 Apply safe motorcycle riding behaviours	2.1 Requirements for safe motorcycle riding are applied
	2.2 Importance of attitude in complying with road rules in relation to level of risk faced by a rider, is applied when riding a motorcycle
	2.3 Importance of road sharing principles is applied when riding a motorcycle
	2.4 Importance of motivation to ride safely is interpreted and explained
	2.5 Principles of proactive riding methods, that maintain one's riding at a low-level risk, are identified and applied
	2.6 Contributing risk factors to potential crash risks, are identified and are taken into consideration
3 Apply low-risk riding strategies	3.1 Contributing risk factors to forming opinions and beliefs about low-risk riding are applied
	3.2 Human factors that can influence low-risk riding behaviour are outlined
	3.3 Low-risk riding strategies are applied and their rationale is explained
	3.4 Features and benefits of protective clothing are explained and appropriate protective clothing is used as required
4 Explain risk factors that contribute to accidents when riding a motorcycle	4.1 Contributing risk factors to accidents are recognised
	4.2 External factors that could lead to accidents are outlined
	4.3 Internal factors that could lead to accidents are outlined
	4.4 Consequences of accidents in relation to relevant traffic laws and physical, financial and psychological costs to the individual and society, are explained
	4.5 Functions of motorcycle operation and controls and how to recover control of a motorcycle are explained
	4.6 Corrective actions to be taken after an accident, in

		accordance with workplace procedures and regulatory requirements, are outlined
5	Apply operation and motorcycle control skills	5.1 Appropriate action is taken to respond to hazardous situations
		5.2 Principles of braking are applied to a high level of technical competence
		5.3 Principles of steering and counter-steering are applied to a high level of technical competence
		5.4 Slow speed manoeuvres are carried out to a high level of technical competence
		5.5 Motorcycle is operated and controlled to a high level of technical competence
		5.6 Principles of body weight transfer are applied to a high level of technical competence

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions can be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIC3038A Apply safe motorcycle riding behaviours.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

Assessment Requirements for TLIC3038 Apply safe motorcycle riding behaviours

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- adapting to differences in motorcycles, including their operations, controls and safety devices
- applying correct selection and application of a braking system
- applying correct steering control techniques in a variety of motorcycle riding conditions
- applying high-level road craft skills
- applying road rules
- applying safe motorcycle riding strategies
- appropriate use of protective clothing
- carrying out pre-operational checks and related action on motorcycles
- complying with relevant legislative, regulatory and workplace procedures
- controlling a motorcycle during a variety of slow speed manoeuvres
- dealing with adverse road conditions while riding a motorcycle
- evaluating risk and consequences of own riding actions
- following operational instructions
- identifying risk factors that might impact on riding behaviours and implementing appropriate low-risk riding response measures
- identifying, monitoring and anticipating traffic hazards and taking appropriate and timely action
- implementing contingency plans
- implementing work health and safety (WHS)/occupational health and safety (OHS) requirements and practices when:
 - conducting prestart-up checks
 - identifying hazards
 - minimising, controlling or eliminating hazards
 - observing and interpreting rider behaviour that may put people at risk
- maintaining situational awareness
- making necessary adjustments to suit riding environment
- managing speed and space while riding a motorcycle
- monitoring motorcycle performance and taking appropriate action as required
- monitoring traffic and road conditions and reacting appropriately

- negotiating a variety of traffic and road conditions and making appropriate decisions
- reading and interpreting relevant instructions, road rules, procedures, jurisdictional requirements, information and signs
- selecting and using motorcycle operations, controls and safety devices to enable safe motorcycle riding
- taking appropriate evasive action as required
- using body weight to increase traction
- using protective clothing appropriately
- working collaboratively with other road users when riding a motorcycle.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- body weight transfer principles
- cognitive factors that may influence performance when riding a motorcycle
- consequences of motorcycle accidents
- correct application of braking techniques
- critical factors underpinning high-level riding competence
- factors contributing to accidents:
 - age, experience, drugs, alcohol, medication, road conditions, fatigue and time of day
 - emotional factors, rider's own behaviours and rider's operation at high levels of risk
 - rider values, emotions, limitations and personal needs
 - speed, space, vision, road conditions, motorcycle condition and environmental conditions
- features and benefits of protective riding apparel
- low-risk riding behaviours including:
 - creating and maintaining crash avoidance space
 - protecting crash avoidance space
 - obeying road rules, safety information and directions
- minimum legal requirements of protective riding apparel
- motorcycle operation and control including:
 - managing accelerator
 - managing brakes
 - managing steering
 - start, move off, shut down and secure
- observation and scanning techniques
- procedures for identifying and responding to hazards
- purpose and benefits of road rules enforcement for safe motorcycle riding

- rationale for ongoing development of traffic regulations to meet changing traffic conditions
- relevant road rules and traffic safety legislation including:
 - alcohol and drugs
 - rider licensing
 - motorcycle registration
 - motorcycle standards
- relevant laws and penalties for demerit point offences, such as riding while unlicensed, disqualified or under the influence of drugs or alcohol
- road signs, signals and markings
- sources and availability of relevant learning resources and learning materials
- steering operation and controls
- types of adverse riding conditions commonly encountered during riding activities.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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Assessment must occur in workplace operational situations on an approved motorcycle for the class typical of that used in industry and on a variety of road conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment include:

- a range of relevant exercises, case studies and/or simulations
- a motorcycle for the class typical of that used in industry
- an approved motorcycle helmet and suitable protective clothing
- applicable documentation including workplace procedures, regulations, Australian Road Rules, codes of practice and operation manuals
- relevant materials, tools and equipment currently used in industry.

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