



**Australian Government**

# **TLIC0035 Apply low risk motorcycle riding behaviours**

**Release: 1**

# TLIC0035 Apply low risk 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 to apply low risk motorcycle riding behaviours.

It includes applying relevant legislation applicable to low risk motorcycle riding, applying low risk motorcycle riding behaviours and applying low risk motorcycle riding strategies. It also includes explaining risk factors that contribute to collisions when riding a motorcycle, and applying operation and motorcycle control skills.

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

This unit applies to motorcycle riders required to apply low risk riding behaviours.

Low risk motorcycle 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

### PERFORMANCE CRITERIA

Performance criteria describe the performance needed to

essential outcomes.

demonstrate achievement of the element.

**1 Apply relevant legislation applicable to low risk motorcycle riding**

- 1.1** Work health and safety (WHS)/occupational health and safety (OHS) regulatory requirements are adhered to prior to riding in order to eliminate or control hazards relating to the riding environment and equipment
- 1.2** Current and relevant road rules and applicable state/territory law and regulations are identified, interpreted and applied

**2 Apply low risk riding behaviours on a motorcycle**

- 2.1** Requirements for low risk 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, including interacting with other road users, in accordance with road rules to ensure safe and efficient traffic flow
- 2.4** Importance of motivation to ride in a low risk manner is interpreted and explained
- 2.5** Principles of low risk motorcycle riding methods are identified and applied
- 2.6** Contributing risk factors to potential collision risks, are identified and taken into consideration

**3 Apply low risk motorcycle riding strategies**

- 3.1** Contributing risk factors to forming opinions and beliefs about low risk motorcycle riding, are applied
- 3.2** Human factors that can influence low risk motorcycle riding behaviour are outlined
- 3.3** Low risk motorcycle riding strategies are applied and their intent explained
- 3.4** Features and benefits of protective clothing are explained as required and directed by state and territory legislation

**4 Explain risk factors that contribute to collisions or incidents when riding a motorcycle**

- 4.1** Contributing risk factors to collisions or incidents are recognised
- 4.2** External and internal risk factors that could lead to collisions or incidents are outlined
- 4.3** Consequences of collisions or incidents in relation to

- relevant traffic laws and physical, financial and psychological costs to the individual and society are explained
- 4.4 Functions of motorcycle operation and controls and how to recover control of a motorcycle are explained
  - 4.5 Corrective actions to be taken after a collision or incident, 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 Motorcycle is operated and controlled to a high level of technical competence, including braking, steering and counter-steering
  - 5.3 Slow speed manoeuvres are carried out to a high level of technical competence
  - 5.4 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 TLI Transport and Logistics Training Package Companion Volume Implementation Guide.

## Unit Mapping Information

This unit replaces and is equivalent to TLIC3038 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 TLIC0035 Apply low risk 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.

## Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all 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 to maximise safety and efficiency
- applying advanced observation and scanning techniques including:
  - hazard awareness identification at short, mid and long ranges
  - removal of blind spot, natural eye blind spot and vision block out
  - selecting a legal and low risk lateral position in unlaned, multi-laned lanes, rural and urban roads
  - straight line riding, short, mid and long-range scanning techniques
- applying correct selection and application of a braking system
- applying correct steering control techniques to maximise stability and safety on rural and urban roads when turning and negotiating
- applying early position planning techniques that reduces braking distance on approach to hazards
- applying high-level roadcraft skills to maximise road surface traction, motorcycle stability in a low risk manner
- applying low risk motorcycle riding strategies
- applying road rules when riding in a low risk and legal manner
- applying work health and safety (WHS)/occupational health and safety (OHS), workplace procedures, requirements and practices
- complying with relevant legislative, regulatory and workplace procedures when riding a motorcycle
- conducting pre- and post-operational checks and related actions on motorcycles
- controlling a motorcycle during a variety of slow speed manoeuvres
- evaluating risk, consequences and personal responsibility of own motorcycle riding actions
- following operational instructions
- identifying risk factors that might impact on motorcycle riding behaviours and implementing appropriate low risk motorcycle riding response measures
- identifying, monitoring and anticipating traffic hazards and taking appropriate and timely action
- making necessary adjustments to suit motorcycle riding environment

- monitoring motorcycle performance and taking appropriate action as required
- 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 when riding
- selecting an appropriate speed and safety gap to lower risk when riding a motorcycle in adverse weather, hazard density and road conditions
- selecting and using motorcycle operations, controls and safety devices to enable low risk motorcycle riding
- selecting the appropriate gear for riding conditions
- stopping the motorcycle from variable speeds at a defined location in a safe, controlled and legal manner
- 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 the requirements of the elements and performance criteria and include knowledge of:

- application of different steering methods when turning and negotiating bends
- body weight transfer principles
- cognitive factors that may influence performance when riding a motorcycle
- consequences of motorcycle collisions or incidents
- correct application of low and high-speed braking theories
- critical factors underpinning high-level motorcycle riding competence
- efficient vehicle movement from a stationary position, manual and automatic, while protecting the drive train
- factors contributing to collisions or incidents:
  - age, experience, drugs, alcohol, medication, road conditions, fatigue and time of day
  - consequences of vehicle collisions or incidents
  - emotional factors, rider's own behaviours and operation at high levels of risk
  - types of adverse riding conditions commonly encountered during riding activities, rider values, emotions, limitations and personal needs
- features and benefits of protective motorcycle riding apparel
- low risk motorcycle riding behaviours including:
  - application of advanced observation and scanning techniques
  - application of key techniques that reduce braking distance on approach to hazards
  - creating and maintaining collision and incident avoidance space technique
  - early position selection on approach to hazards and risk reduction theories
  - hazard approach and negotiation
  - protecting collision and incident avoidance space

- speed selection based on hazard density and legal requirements
- minimum legal requirements of protective motorcycle riding apparel
- motorcycle operation and control including:
  - managing accelerator
  - managing brakes
  - managing gears
  - 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 low risk motorcycle riding
- rationale for ongoing development of traffic regulations to meet changing traffic conditions
- relevant laws and penalties for demerit point offences, such as motorcycle riding while unlicensed, disqualified or under the influence of drugs or alcohol
- relevant road rules and traffic safety legislation including:
  - alcohol and drugs
  - motorcycle registration
  - rationale for ongoing development of traffic regulations to meet changing traffic conditions
  - rider licensing
- road rules, safety information and directions
- road signs, signals and markings meanings
- sources and availability of relevant learning resources and learning materials
- types of adverse riding conditions commonly encountered during motorcycle riding activities.

## Assessment Conditions

Assessors must hold credentials specified within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must satisfy the Principles of Assessment and Rules of Evidence and all regulatory requirements included within the Standards for Registered Training Organisations current at the time of assessment.

Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace 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 must include access to:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation including legislation, regulations, codes of practice, workplace

procedures and operation manuals

- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- suitable motorcycle that meets state/territory requirements.

## Links

Companion Volume Implementation Guides are found in VETNet -

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