



Australian Government

Assessment Requirements for POLINV018

Analyse crashes involving motorcycles

Release: 1

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Modification History

Release 1. This is the first release of this unit of competency in the POL Police Training Package.

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:

- analysing motorcycle behaviour and damage
- analysing operational features of a motorcycle
- applying human evidence to a crash investigation
- applying specialist physics and mathematics calculations and principles to motorcycle crashes
- collating and reviewing medical information of persons in crash incident
- determining causal factors of a motorcycle crash
- examining if human and environmental factors affect a motorcycle crash incident
- inspecting a motorcycle and its electronic and mechanical systems
- interpreting statements and interviews to corroborate analysis.

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:

- electronic data recorder systems
- environmental factors that may contribute to a motorcycle crash incident including:
 - geographic location
 - hazards and obstructions
 - lighting
 - road design and maintenance
 - roadside furniture
 - weather conditions
- evidence of motorcycle maintenance
- factors impacting human ability to operate a motorcycle including:
 - distraction
 - experience
 - fatigue

- impairment
- medical conditions
- faults and defects impacting motorcycle operations
- features of motorcycles including:
 - braking systems
 - fork configuration
 - hard and soft frame
 - steering
 - suspension
 - transmission
 - tyres
- interview evaluation techniques
- medical information and records
- methodologies for motorcycle crash analysis
- motorcycle rider safety clothing and equipment
- motorcycle standards, legal motorcycle configurations and modifications
- operational capabilities of motorcycles including:
 - balance
 - braking
 - control
 - lean angles
 - motion
 - pillion
 - safety equipment
- organisational policies and procedures related to work health and safety (WHS)
- physics and mathematical formulas specific to motorcycles
- regulations of motorcycle road use by the rider, pillion or sidecar
- road evidence
- road laws
- types of motorcycles.

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

Assessment must occur in workplace operational situations. Where this is not appropriate, such

as in situations that can affect safety or occur only rarely, assessment can occur in simulated workplace operational situations that reflect workplace conditions.

Resources for assessment must include access to:

- a range of relevant exercises, case studies and/or other simulations
- relevant and appropriate materials, tools, equipment and personal protective equipment (PPE) currently used in industry
- applicable documentation, including workplace procedures, regulations, codes of practice and operation manuals.

Links

Companion Volume Implementation Guides can be found on VETNet - -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=98c3984e-2cf1-48a8-8ed1-85e4b92e7351>