



Australian Government

Assessment Requirements for POLINV016

Analyse complex factors involved in crash incidents

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 operational features of vehicle
- applying human evidence to a crash analysis
- calculating speed and dynamics of vehicles
- calculating vehicle mass distribution and vehicle dimensions
- examining how human and environmental factors impact on a crash incident
- inspecting vehicle and analysing its mechanical and electronic systems
- interpreting statements and interviews to corroborate analysis
- reviewing medical records as evidence.

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:

- crash analysis methodologies
- environmental factors that may contribute to crash incidents including:
 - geographic location
 - hazards and obstructions
 - lighting
 - road design and maintenance
 - roadside furniture
 - weather conditions
- factors impacting human ability to operate a vehicle including:
 - distraction
 - experience
 - fatigue
 - impairment
 - medical conditions
- faults and defects impacting vehicle operations

- features, standards and capabilities of vehicles including:
 - braking systems and efficiency
 - control
 - legal vehicle configurations and modifications
 - motion
 - roll thresholds
 - safety equipment
 - steering
 - suspension
 - transmission
- interview evaluation techniques
- medical information and records
- organisational policies and procedures related to work health and safety (WHS)
- road evidence
- road laws
- sources of electronic evidence
- standard operations and maintenance of mechanical parts and systems
- types of electronic data recorder systems
- vehicle maintenance record keeping systems.

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>