



Australian Government

POLINV024 Manage quality of crash analysis

Release: 1

POLINV024 Manage quality of crash analysis

Modification History

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

Application

This unit describes the skills and knowledge required to contribute to and comply with quality assurance processes in police investigations into crash incidents, including undertaking reviews and validation of crash investigators' briefs of evidence. It includes peer reviewing crash analysis methods and findings to test validity of analysis reports and contribute to overall quality and integrity of crash investigations.

This unit applies to those working as police officers involved in vehicle crash analysis.

The skills and knowledge described in this unit must be applied within the legislative, regulatory and policy environment in which they are undertaken. Organisational policies and procedures must be consulted and adhered to, particularly those related to work health and safety (WHS).

Those undertaking this unit would work autonomously while remaining responsible for reporting to senior staff. They would perform a range of complex tasks and demonstrate adaptability across a broad range of contexts.

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

Pre-requisite Unit

Not applicable.

Competency Field

Investigation.

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

PERFORMANCE CRITERIA

Elements describe the essential Performance criteria describe the performance needed to

outcomes.

demonstrate achievement of the element.

- | | |
|-------------------------------------|---|
| 1 Test analysis and findings | 1.1 Review limitations of analysis to test validity of findings
1.2 Interpret evidential inconsistencies to ascertain if and how it impacts the findings
1.3 Test consistency of findings using multiple methodologies
1.4 Evaluate analysis methodologies to corroborate findings |
| 2 Validate analysis report | 2.1 Interrogate quality of evidence and investigation for continuous improvement purposes
2.2 Review evidence to corroborate hypotheses
2.3 Justify methodologies, analysis and findings used in analysis to support evidentiary value |
| 3 Review analysis report | 3.1 Assess evidence using critical and deductive reasoning
3.2 Verify the consistency and accuracy of calculations to support findings
3.3 Evaluate the analysis report for feedback purposes
3.4 Develop recommendations, opinions and conclusions to improve analysis report |
| 4 Identify and mitigate risk | 4.1 Monitor quality control practices to align with jurisdictional policies and procedures
4.2 Identify and apply risk mitigation strategies in line with jurisdictional risk management framework |

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 may be found in the POL Police Training Package Companion Volume Implementation Guide.

Unit Mapping Information

This is a new unit. No equivalent unit.

Links

Companion Volume Implementation Guides can be found on VETNet - -

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

Assessment Requirements for POLINV024 Manage quality of crash analysis

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:

- conducting a peer review of a crash analysis report
- conducting a review of a finalised crash investigation
- demonstrating ability to assess risk in a crash analysis
- identifying areas of good practice and opportunities for improvement in a crash analysis
- identifying limitations of evidence
- providing feedback on a crash analysis report
- recognising risk of contextual and confirmation bias
- validating analysis methodologies and findings.

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:

- biases that may affect analysis of evidence
- continuous improvement procedures
- jurisdictional policies and procedures related to information security and information quality management
- jurisdictional reporting practices
- methodologies for peer review
- methodologies to analyse and test evidential inconsistencies
- organisational policies and procedures related to work health and safety (WHS)
- quality assurance processes
- risk mitigation strategies and organisational and jurisdictional practices and procedures
- sources of crash case law and legal findings
- technological developments in crash analysis.

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>