

<b>Title</b>	<b>Apply analytical techniques to develop conclusions and recommendations for intelligence products</b>		
<b>Level</b>	<b>6</b>	<b>Credits</b>	<b>45</b>

<b>Purpose</b>	<p>People credited with this unit standard are able to:</p> <ul style="list-style-type: none"> <li>– demonstrate knowledge of different structured analytical techniques and their applicability;</li> <li>– apply analytical techniques to interpret information for intelligence analysis;</li> <li>– generate and test hypotheses for intelligence analysis;</li> <li>– develop inferences using an inference development model; and</li> <li>– develop conclusions and recommendations of analysed information for intelligence products.</li> </ul>
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<b>Classification</b>	Compliance and Law Enforcement > Intelligence Analysis
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation and codes relevant to this unit standard include but are not limited to:
  - Health and Safety at Work Act 2015;
  - Official Information Act 1982;
  - Privacy Act 2020;
  - and all subsequent amendments and replacements;
  - The State Services Code of Conduct, *Standards of Integrity and Conduct* (available from <https://www.publicservice.govt.nz/>) and/or any other agency-specific code or codes of conduct and/or ethics.
- 2 Definitions
  - Analysed* – identified trends, patterns, and relationships.
  - Inference* – may include conclusions, predictions, assessments, hypotheses, indicators and warnings.
  - Information* – unprocessed, raw and/or perishable material or data, that could be collected from any source, to be analysed and refined for decision making.
  - Intelligence* – the functions, activities, people or organisations that are involved in the process of planning, gathering and analysing information that leads to the production of intelligence products, which are of potential value to decision makers.
  - Intelligence product* – the end result of the production step of the intelligence cycle, in which information is developed into an intelligence product through integration, analysis, evaluation and interpretation of all available information.

*Organisational requirements* – refer to instructions to staff on policies, procedures, and methodologies which are documented and are available in the workplace. They must be consistent with applicable legislation and any other applicable compliance requirements.

### 3 Assessment Range

All activities and evidence presented for outcomes and performance criteria in this unit standard must be in accordance with pre-determined terms of reference and organisational requirements.

Competency for this unit standard must be demonstrated through the effective use of four separate analytical techniques.

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## Outcomes and performance criteria

### Outcome 1

Demonstrate knowledge of different structured analytical techniques and their applicability.

Range must include one from each – descriptive, estimative, explanatory, evaluative.

#### Performance criteria

- 1.1 Describe structured analytic techniques.
- 1.2 Discuss how and when the technique is applied.
- 1.3 Discuss the strengths and limitations of the analytical technique, and applicability to different problems.

### Outcome 2

Apply analytical techniques to interpret information for intelligence analysis.

#### Performance criteria

- 2.1 Select and apply analytical techniques to interpret information for intelligence analysis.  
  
Range a minimum of four analytical techniques; at least two categories from – descriptive, estimative, explanatory, evaluative are required.
- 2.2 Supply evidence of the analytical process of the techniques used for interpreting information for intelligence analysis.  
  
Range must include – assumptions, decisions on how you have used the technique, methodology, working documents.
- 2.3 Reflect on the process of applying the selected analytical techniques in terms of its effectiveness and recommendation for future use.

**Outcome 3**

Generate and test hypotheses for intelligence analysis.

Range must use a recognised hypothesis testing technique, may include but are not limited to – Analysis of Competing Hypothesis (ACH), Diagnostic reasoning, Argument Mapping.

**Performance criteria**

3.1 Generate hypotheses to identify tentative answers or alternative explanations.

3.2 Test and modify hypotheses.

3.3 Supply evidence of the generation and testing of hypotheses.

Range must include – assumptions, decisions on how you have used the technique, methodology, working documents.

3.4 Reflect on the process of applying your selected hypothesis testing technique in terms of its effectiveness and recommendation for future use.

**Outcome 4**

Develop inferences using an inference development model.

**Performance criteria**

4.1 Explain the inference development model.

4.2 Apply the inference development model to develop logical inferences.

4.3 Provide evidence of application of the inference development model.

4.4 Reflect on the process of applying your selected inference development model in terms of its effectiveness and recommendation for future use.

**Outcome 5**

Develop conclusions and recommendations from analysed information for intelligence products.

**Performance criteria**

5.1 Develop conclusions from the interpretation of analysed information.

Range must include – appropriate use of probabilistic language, how identified information gaps impact analytical confidence.

5.2 Develop recommendations from the interpretation of analysed information.

Range recommendations may include but is not limited to – warnings, implications, mitigation, collection, analytical, policy changes.

5.3 Present findings to meet client requirements.

Range may include but is not limited to – verbal, written, visual.

<b>Planned review date</b>	31 December 2026
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#### Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	19 March 2015	31 December 2024
Review	2	28 October 2021	31 December 2024
Revision	3	27 April 2023	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0121
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

#### Comments on this unit standard

Please contact Ringa Hora Services Workforce Development Council [qualifications@ringahora.nz](mailto:qualifications@ringahora.nz) if you wish to suggest changes to the content of this unit standard.