

Title	Conduct aviation screening using explosive trace detection		
Level	4	Credits	5

Purpose	People credited with this unit standard are, in an aviation workplace, able to: set up, check, and operate explosive trace detection (ETD) equipment; conduct ETD sampling process; and record ETD analysis information for evidential purposes.
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Classification	Aviation > Airport Operations
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Available grade	Achieved
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Guidance Information

Reference to *enterprise procedures* means that all activities must comply with the requirements contained in the current airport exposition, current airport company manuals and procedures, where applicable, and any relevant legislative and/or regulatory requirements, which may include but are not limited to: Civil Aviation Act 1990, relevant Civil Aviation Rules, Aviation Crimes Act 1972, Aviation Security Service Policies and Procedures, New Zealand Defence Force (NZDF) Policy.

Outcomes and performance criteria

Outcome 1

Set up, check, and operate explosive trace detection (ETD) equipment in an aviation workplace.

Performance criteria

- 1.1 Procedures for setting up ETD equipment in an aviation workplace are followed in accordance with enterprise procedures.
- 1.2 ETD equipment calibration is performed at set up and during operations in accordance with enterprise procedures.
- 1.3 ETD equipment is operated in accordance with enterprise procedures.
- 1.4 Occupational health and safety procedures are followed when setting up and operating the ETD equipment in accordance with enterprise procedures.

Outcome 2

Conduct ETD sampling process in an aviation workplace.

Performance criteria

2.1 Selected persons or articles are screened using approved ETD equipment, in accordance with legislative requirements and enterprise procedures.

Range articles may include but are not limited to – bags, cabin baggage, checked baggage, goods, hold baggage, packages, personal effects, work equipment, tools of trade, display and/or promotional items, vehicles and/or machinery.

2.2 The sample is tested using ETD equipment in accordance with legislative requirements and enterprise procedures.

2.3 Positive and negative results are recognised in accordance with enterprise procedures.

2.4 Action is taken in response to a positive result in accordance with legislative requirements and enterprise procedures.

Outcome 3

Record ETD analysis information for evidential purposes in an aviation workplace.

Performance criteria

3.1 Equipment checks and calibration results are recorded and reported in accordance with enterprise procedures.

3.2 Calibrations and alarms are saved in accordance with enterprise procedures.

3.3 Records of sampling processes, positive and negative results and consequent actions are completed and reported in accordance with enterprise procedures.

Replacement information	This unit standard was replaced by skill standard 40945.
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This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	16 July 2015	31 December 2023
Review	2	29 July 2021	31 December 2027
Review	3	27 November 2025	31 December 2027

Consent and Moderation Requirements (CMR) reference	0028
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.