

## 40945 Conduct screening using explosive trace detection in an aviation workplace

<b>Kaupae   Level</b>	4
<b>Whiwhinga   Credit</b>	5
<b>Whāinga   Purpose</b>	People credited with this skill standard are able to conduct screening using explosive trace detection in an aviation workplace in support of aviation security and safety, contributing to airport security and operational effectiveness.

### Hua o te ako me Paearu aromatawai | Learning outcomes and assessment criteria

Hua o te ako   Learning outcomes	Paearu aromatawai   Assessment criteria
1. Conduct screening using explosive trace detection in an aviation workplace.	a. Set up, check, and operate explosive trace detection (ETD) equipment in an aviation workplace.
	b. Conduct ETD sampling process in an aviation workplace.
	c. Record ETD analysis information for evidential purposes in an aviation workplace.

### Pārongo aromatawai me te taumata paearu | Assessment information and grade criteria

#### Assessment specifications:

Assessments must be conducted in an active or simulated airport environment to ensure practical application to reflect the standards of an aviation workplace.

Evidence presented for assessment against this skill standard must be in accordance with enterprise procedures.

#### Definition:

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 2023, relevant Civil Aviation Rules, Aviation Crimes Act 1972, Aviation Security Service Policies and Procedures, New Zealand Defence Force (NZDF) Policy.

### Ngā momo whiwhinga | Grades available

Achieved

**Ihirangi waitohu | Indicative content**

## Technical skills in ETD equipment operation

- Setting up, calibrating, and operating ETD equipment according to enterprise procedures.
- Adherence to occupational health and safety guidelines during operations.

## Sampling and screening processes

- Performing ETD sampling to screen individuals and a range of articles (e.g., baggage, goods, machinery) in compliance with legislative and enterprise requirements.
- Analysing samples to differentiate between positive and negative results and responding appropriately to positive detections.

## Data recording and evidence management

- Maintaining accurate records of equipment checks, calibration results, sampling processes, and detection outcomes.
- Reporting and saving alarms and calibrations for evidential purposes.

**Rauemi | Resources**

[CAA Advisory Circular AC140-1 Aviation Security Service Organisations – Certification](#)

Enterprise procedures.

**Pārongo Whakaū Kouna | Quality assurance information**

<b>Ngā rōpū whakatau-paerewa  </b> Standard Setting Body	Ringa Hora Services Workforce Development Council
<b>Whakaritenga Rārangi Paetae Aromatawai  </b> DASS classification	Service Sector > Aviation > Airport Operations
<b>Ko te tohutoro ki ngā Whakaritenga i te Whakamanatanga me te Whakaōritenga  </b> CMR	0112

<b>Hātepe   Process</b>	<b>Putanga   Version</b>	<b>Rā whakaputa   Review Date</b>	<b>Rā whakamutunga mō te aromatawai   Last date for assessment</b>
<b>Rēhitatanga   Registration</b>	1	27 November 2025	N/A
<b>Kōrero whakakapinga   Replacement information</b>	This skill standard replaced unit standard 29000.		
<b>Rā arotake   Planned review date</b>	31 December 2030		

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