

41110 Maintain safety standards on the apron of an airport

Kaupae Level	4
Whiwhinga Credit	4
Whāinga Purpose	<p>People credited with this skill standard are able to maintain safety standards on the apron of an airport, ensuring a focus on safety, compliance, coordination, and communication.</p> <p>This skill standard is intended for airport employees or contractors only, as airside assessment opportunities are restricted to those persons holding an Airport Identity Card issued by the New Zealand Civil Aviation Authority under the sponsorship of an airport employer, or New Zealand Defence Force (NZDF) equivalent.</p>

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

Hua o te ako Learning outcomes	Paearu aromatawai Assessment criteria
1. Maintain safety standards on the apron of an airport.	a. Identify and respond to foreign object debris (FOD) on the apron of an airport.
	b. Maintain aircraft safety on the apron of an airport.
	c. Maintain pedestrian safety on the apron of an airport.
	d. Maintain an environment that meets the requirements of occupational health and safety regulations on the apron of an airport.
	e. Maintain vehicle and/or equipment safety on the apron of an airport.

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

Assessment specifications:

Rules pertaining to lights and signals on an apron could include aircraft, vehicles, warning devices, anti-collision lights, traffic lights, marshalling.

Rules pertaining to emergency protocols on an apron could include alarms, emergency phones, emergency shutoffs, valves, switches, fuel stops.

Rules pertaining to contaminants on an apron could include poisons, oil, jet fuel, glycol, bio-waste.

Assessments must be conducted in an active 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.

Definitions:

Aerodrome means any defined area of land or water intended or designed to be used either wholly or partly for the landing, departure, and surface movement of aircraft; and includes any building, installations, and equipment on or adjacent to any such area used in connection with the aerodrome or its administration.

Airport refers to aerodrome as per Civil Aviation Rules.

Airside worthiness refers to the compliance of vehicles with the requirements for the type of vehicles and the area of the airport in which they are operating, as specified in Civil Aviation Rule Part 139; it does not include road worthiness.

Apron means a defined area on a land aerodrome intended to accommodate aircraft for the purpose of loading or unloading passengers or cargo, refuelling, parking, or maintenance.

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, and any relevant legislative and/or regulatory requirements, which may include but are not limited to: Civil Aviation Act 2023, relevant Civil Aviation Rules, New Zealand Defence Force (NZDF) Policy.

Ngā momo whiwhinga | Grades available

Achieved

Ihirangi waitohu | Indicative content

Foreign object debris (FOD) awareness and response

- Definition and types of FOD (e.g. tools, litter, loose hardware).
- Causes and consequences of FOD incidents.
- FOD detection techniques (visual inspection, patrols).
- Reporting and recording procedures.

Aircraft safety protocols

- Aircraft right-of-way rules and operational zones.
- Jet blast and propeller wash hazards.
- Circle of safety: definition, boundaries, and access restrictions.
- Refuelling safety procedures and fire risk management.
- Servicing protocols and coordination with ground crew.
- Use of radios and mobile phones near aircraft.
- ATS light signals.

Pedestrian safety on the apron

- Pedestrian access zones and restricted areas.
- Communication protocols (e.g. radio use, hand signals).
- Visual signals and lighting systems (e.g. anti-collision lights, marshalling signals).
- Emergency response procedures (e.g. alarms, shutoffs, emergency phones).
- Apron markings and their meanings.
- Safe zones and designated walkways.
- Personal protective equipment (PPE) requirements and high-visibility clothing standards.
- Smoking restrictions and hazard awareness.

Occupational health and safety compliance

- Overview of the Health and Safety at Work Act 2015.
- Use and maintenance of safety equipment (e.g. fire extinguishers, spill kits).
- Handling and reporting of contaminants (e.g. fuel, oil, glycol).
- Wildlife and animal hazard management.
- Environmental protection protocols.

Vehicle and equipment safety

- Airside worthiness standards and vehicle compliance.
- Leak detection and containment procedures.
- Vehicle movement rules and apron markings.
- Safe parking and operating zones.
- Incident and accident reporting (Civil Aviation Rule Part 12).
- Enforcement, penalties, and compliance monitoring.
- Licensing and permit requirements for airside vehicles.

Rauemi | Resources

[Civil Aviation Rule Part 12 Accidents, Incidents, and Statistics](#)

[Civil Aviation Rule Part 139 Aerodromes – Certification, Operation and Use](#)

[Hazardous Substances and New Organisms Act 1996](#)

[Health and Safety at Work Act 2015](#)

Enterprise procedures.

Pārongo Whakaū Kouna | Quality assurance information

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

Hātepe Process	Putanga Version	Rā whakaputa Review Date	Rā whakamutunga mō te aromatawai Last date for assessment
Rēhitatanga Registration	1	18 December 2025	N/A
Kōrero whakakapinga Replacement information	This skill standard replaced unit standard 17355.		
Rā arotake Planned review date	31 December 2030		

Please contact Ringa Hora Services Workforce Development Council qualifications@ringahora.nz to suggest changes to the content of this skill standard.