

Title	Control construction and maintenance work airside at an airport		
Level	4	Credits	4

Purpose	<p>This unit standard is intended for operations staff at an airport.</p> <p>People credited with this unit standard are able to: control works airside that affect aircraft operations; control works airside that affect neither aircraft operations nor passenger facilitation; and confirm rules applicable to all construction and maintenance works airside are applied.</p>
----------------	--

Classification	Aviation > Airport Operations
-----------------------	-------------------------------

Available grade	Achieved
------------------------	----------

Guidance Information

1 Definitions

Aeronautical Information Publication New Zealand (AIPNZ) is a regularly published record of information related to air navigation in New Zealand. It has occasional supplements.

Airside refers to the movement area of an airport, adjacent terrain and buildings, or portions thereof, where access is controlled.

Method of works plan refers to the job card or work card that describes the task to be performed.

NOTAM is a Notice to Airmen. It is a notice distributed by means of telecommunication containing information concerning the establishment, condition or change in any aeronautical facility, service, procedure or hazard, the timely knowledge of which is essential to personnel concerned with flight operations.

Obstacle Limitation Surfaces are a series of surfaces that define the limits to which objects may project into the airspace surrounding an aerodrome so as to permit aircraft to be operated safely.

The term *airport* refers to aerodrome as per Civil Aviation Rules.

Works refers to construction and maintenance work at an airport.

Zone 1 refers to a rectangular area which symmetrically surrounds the runway. Its sides are 45 metres from the runway centreline and its ends 60 metres beyond the runway ends.

Zone 2 refers to a rectangular area where the ends coincide with the ends of Zone 1, except that where there is a clearway, the end is extended to include it. The sides are 75 metres from the runway centreline.

Zone 3 refers to a rectangular area which is only required at aerodromes having a runway strip wider than 150 metres. It extends to the edge of the runway strip, either 110 metres or 150 metres from the runway centreline where appropriate.

- 2 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 1990, relevant Civil Aviation Rules, New Zealand Defence Force (NZDF) Policy.
- 3 Works that affect neither aircraft operations nor passenger facilitation are works that affect the requirements of an airport, such as repairing the perimeter fence, but do not interfere with aircraft movements or passenger services.

Outcomes and performance criteria

Outcome 1

Control works airside that affect aircraft operations.

Performance criteria

- 1.1 The plan for method of works or works procedures is adhered to when controlling works.

Range may include but is not limited to – title page, works information; restrictions to aircraft operations; restrictions to work organisation, administration, authority, drawings, distribution list.
- 1.2 Works are notified in accordance with enterprise procedures.

Range notification may include but is not limited to – NOTAM, AIPNZ, AIP supplement, markers.
- 1.3 Aircraft operations and passenger access are maintained during works in accordance with enterprise procedures.

Outcome 2

Control works airside that affect neither aircraft operations nor passenger facilitation.

Performance criteria

- 2.1 Works are controlled and conform to specifications in accordance with enterprise procedures.
- 2.2 Security boundaries are maintained at works in accordance with enterprise procedures.
- 2.3 Safety is maintained for affected parties in accordance with enterprise procedures.

Range may include but is not limited to – method of works plan, Civil Aviation Rule Part 139 – exposition; works safety officers' duties.

Outcome 3

Confirm rules applicable to all construction and maintenance works airside are applied.

Performance criteria

3.1 The rules pertaining to works airside at an airport are adhered to in accordance with enterprise procedures.

Range may include but is not limited to – operating limits, isolation of work area, tall equipment, obstructions, clear routes for emergencies, obstacle limitation surfaces, vehicle access, escorts, airfield signage, markings, operational length reduction, displaced thresholds, Zone 1, Zone 2, Zone 3.

3.2 The rules pertaining to maintaining cleanliness during works activity are adhered to in accordance with enterprise procedures.

Range may include but is not limited to – build-up of debris; contamination outside works area through vehicle movement; cleaning routines; regular inspections for enforcement; foreign object debris.

Replacement information	This unit standard was replaced by skill standard 41107.
--------------------------------	--

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	27 April 2000	31 December 2016
Revision	2	21 November 2000	31 December 2016
Revision	3	22 July 2005	31 December 2016
Review	4	21 November 2008	31 December 2016
Review	5	24 October 2014	31 December 2023
Review	6	29 July 2021	31 December 2027
Review	7	18 December 2025	31 December 2027

Consent and Moderation Requirements (CMR) reference	0028
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.