

Field Service Sector**Review of *Air Traffic Services* unit standards**

Subfield	Domain	ID
Aviation	Air Traffic Services	23455-23477

ServiceIQ has completed the review of the unit standards listed above.

Date new versions published **November 2013**

Planned review date **December 2018**

Summary

This review was prompted by the mandatory review of Aviation qualifications in 2012. A small team of specialists from Airways met in February 2013 and reviewed the suitability of all the existing standards for their purpose.

Changes were made to the content of standards for clarity and to ensure alignment with International Civil Aviation Organization (ICAO) and Civil Aviation Authority of New Zealand (CAANZ) regulatory requirements, resulting in some unit standards being merged, and adjustments to the credits and levels of others being made.

The new and reviewed unit standards were sent to specialist Air Traffic Controllers within Airways and CAANZ for further feedback, and changes incorporated. The unit standards were endorsed by Airways in June 2013.

Main changes

- Titles, outcomes, evidence requirements, range statements, and explanatory notes were updated to reflect the present needs of the Air Traffic Services in line with international regulatory requirements.
- Standards 23455, 23463, and 23464 were replaced by standard 28045.
- Standard 23456 was replaced by standard 28048.
- Standard 23465 was replaced by standard 28049.
- Standard 23466 was replaced by standard 28044.
- Standards 23467 and 23471 were replaced by standard 28046.
- Standard 23474 was replaced by standard 28043.
- Standard 23477 was replaced by standard 28047.
- Standard 23469 was designated expiring.
- Credits and levels of standards were changed to better reflect the levels of learning required of Air Traffic Controllers, along with the times for learning, and assessment.
- The titles of several standards were changed to better reflect their content.

Category C and D unit standards will expire at the end of December 2016

Impact on registered qualifications

Key to type of impact	
Affected	The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits The qualification lists a C or D category standard
Not materially affected	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following ServiceIQ qualifications are impacted by the outcome of this review. These qualifications are part of the current sector review of Aviation qualifications that began in 2011. The standards that generated the status *Affected* are listed in **bold**.

Ref	Qualification Title	Classification or ID
1383	National Certificate in Air Traffic Services (Aerodrome Control Theory) (Level 5) with strands in Approach Control Theory, Area Control Radar Theory, and Area Control Theory	23455, 23456, 23459, 23463, 23464, 23465, 23466, 23467, 23471, 23473, 23474, 23477
1384	National Certificate in Air Traffic Services (Level 6) with strands in Aerodrome and/or Area Flight Information, and Oceanic Air-Ground	23455, 23463, 23464, 23465, 23466, 23467, 23468, 23469, 23471, 23475
1385	National Diploma in Air Traffic Services (Level 7) with strands in Aerodrome Control On Site, Approach Control On Site, Approach Radar On Site, Area Control On Site, Area Control Radar On Site, and Automatic Dependence Surveillance On Site	23455, 23456, 23457, 23458, 23459, 23460, 23461, 23462, 23463, 23464, 23465, 23466, 23467, 23470, 23471, 23473, 23474, 23476, 23477

Detailed list of unit standards – classification, title, level, and credits

All changes are in **bold**.

Key to review category	
A	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new version number
B	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID and a new version number
C	Major changes that necessitate the registration of a replacement standard with a new ID
D	Standard will expire and not be replaced

Service Sector > Aviation > Air Traffic Services

ID	Title	Level	Credit	Review Category
23455	Demonstrate knowledge of aviation meteorology for air traffic services	4	4	C
23463	Demonstrate knowledge of the principles of navigation for air traffic services	3	4	C
23464	Demonstrate knowledge of navigation aids used in air traffic services	4	2	C
28045	Demonstrate knowledge of aeronautical meteorology and air navigation for air traffic services	5	15	
23456	Demonstrate knowledge of area control radar for air traffic services under simulated conditions	5	13	C
28048	Demonstrate area control surveillance for air traffic services under simulated conditions	6	30	
23457	Demonstrate knowledge of area control radar for air traffic services on site Demonstrate area control surveillance for air traffic services on site	7	75	B
23458	Demonstrate knowledge of approach control radar for air traffic services on site Demonstrate approach control surveillance for air traffic services on site	7	75	B
23459	Demonstrate knowledge of non-radar approach control for air traffic services under simulated conditions Demonstrate approach control procedural for air traffic services under simulated conditions	5 6	56 60	B
23460	Demonstrate knowledge of approach control for air traffic services on site Demonstrate approach control procedural for air traffic services on site	7	75	B
23461	Demonstrate knowledge of the ADS systems for air traffic services under simulated conditions Demonstrate knowledge of ADS systems for air traffic services under simulated conditions	5 6	65 60	B
23462	Demonstrate knowledge of the ADS systems for air traffic services on site Demonstrate knowledge of ADS systems for air traffic services on site	7	75	B
23465	Demonstrate knowledge of aviation human factors for air traffic services	4	3	C
28049	Demonstrate knowledge of, and apply, principles of human performance in air traffic services	5	15	
23466	Demonstrate knowledge of the principles of flight and aircraft performance for air traffic services	3	4	C
28044	Demonstrate knowledge of the principles of flight and aircraft performance for air traffic services	5	15	

ID	Title	Level	Credit	Review Category
23467	Demonstrate knowledge of emergency and alerting services for air traffic services	4	3	C
23471	Demonstrate knowledge of air traffic services	4	7	C
28046	Demonstrate knowledge of air law and operational procedures relevant to air traffic services	5	15	
23468	Demonstrate knowledge of oceanic air-ground rules and procedures for air traffic services on site Demonstrate oceanic air-ground rules and procedures for air traffic services on site	6	65 75	B
23469	Demonstrate knowledge of aerodrome and/or area flight information services for ATS under simulated conditions	5	27	D
23470	Demonstrate knowledge of aerodrome control for air traffic services on site Demonstrate aerodrome control for air traffic services on site	7	75	B
23472	Demonstrate knowledge of the skills required for flight radiotelephone operator's rating	3	5	B
23473	Demonstrate knowledge of aerodrome control for air traffic services under simulated conditions Demonstrate aerodrome control for air traffic services under simulated conditions	5 6	28 30	B
23474	Demonstrate knowledge of the use of radar in the tower environment under simulated conditions Demonstrate knowledge of the use of ATS and simulation equipment in a tower environment under simulated conditions	5 5	13 15	C
23475	Demonstrate knowledge of aerodrome and/or area flight information services for air traffic services on site Demonstrate aerodrome and/or area flight information services for air traffic services on site	6	65 75	B
23476	Demonstrate knowledge of area control for air traffic services on site Demonstrate area control procedural for air traffic services on site	7	75	B
23477	Demonstrate knowledge of non-radar area control for air traffic services under simulated conditions Demonstrate area control procedural for air traffic services under simulated conditions	5 6	56 30	C