Field Engineering and Technology

Review of Aeronautical Maintenance Certification unit standards

Subfield	Domain	ID
Aeronautical Engineering	Aeronautical Maintenance	20894-20904, 21060
	Certification	

The Aviation, Tourism and Travel Training Organisation has completed the review of the unit standards listed above.

Date new versions published

December 2010

Planned review date

December 2015

Summary

The ATTTO has carried out this review of the *Aeronautical Maintenance Certification* unit standards as part of the scheduled review cycle. Input sources to the review included the normal 'comments' process as described on the end of every unit standard/qualification, an Industry Advisory Group was formed with members from the NZ CAA, training providers, registered assessors, and a range of employers from large and medium/small enterprises. Input was also provided by ATTTO qualifications specialists.

Main changes

The main changes are:

- reallocation of content between unit standards to reflect changes in the New Zealand Civil Aviation Authority (NZ CAA) examination syllabuses (unit standard 20894 split into two new unit standards to reflect NZ CAA syllabus changes and duplication between unit standard 20894 and 20902 rationalised)
- minor amendment to content based on changes to the NZ CAA syllabuses
- development of four new unit standards to enable the Diploma in Aeronautical Maintenance Certification to better meet the needs of industry
- changes to credit values to better reflect learner workload.

The category C unit standard will expire at the end of December 2012

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 ATTTO qualifications are impacted by the outcome of this review and will be updated when they are reviewed in 2011. The classifications and/or standards that generated the status *Affected* are listed in **bold**.

Ref	Qualification Title	Classification or ID
1133	National Diploma in Aeronautical Maintenance Certification	20894 , 20895,
	with strands in Aeroplane, Rotorcraft, and Powerplant	20896 , 20898 ,
		20901
1366	National Certificate in Aeronautical Engineering (Gas	20901
	Turbine Overhaul)	

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

All changes are in **bold**.

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

Engineering and Technology > Aeronautical Engineering > Aeronautical Maintenance Certification

ID	Title	Level	Credit	Review Category
20894	Apply knowledge of aeronautical science principles to the certification of aeronautical maintenance	6	25	С
26963	Apply knowledge of mathematics and physics to the certification of aeronautical maintenance	6	20	
26964	Apply knowledge of electrical fundamentals to the certification of aeronautical maintenance	6	20	
20895	Apply engineering knowledge to the certification of aeronautical maintenance Apply knowledge of aircraft engineering to the certification of aeronautical maintenance	6	20	В
20896	Apply aeronautical materials principles to the certification of aeronautical maintenance Apply knowledge of aircraft materials to the certification of aeronautical maintenance	6	20 25	В
20897	Apply knowledge of basic aeroplanes to the certification of aeronautical maintenance	6	20	В
20898	Apply knowledge of pressurised aeroplanes to the certification of aeronautical maintenance	6	20 25	В
20899	Apply knowledge of rotorcraft to the certification of aeronautical maintenance	6	20	В
20900	Apply knowledge of piston engines to the certification of aeronautical maintenance	6	20	В
20901	Apply knowledge of turbine engines to the certification of aeronautical maintenance	6	20 25	В
20902	Apply knowledge of avionics to the certification of aeronautical maintenance	6	25	В

S:\IS\Information Centre\PSO\Audit\ReviewSumTemp\revsumdec10- 2.doc

ID	Title	Level	Credit	Review Category
20903	Apply knowledge of compass compensation to the certification of aeronautical maintenance	6	10	B
20904	Apply knowledge of air law to the certification of aeronautical maintenance	6	25	В
21060	Apply knowledge of human factors to the certification of aeronautical maintenance	6	20	В
26965	Apply knowledge of advanced avionics to the certification of aeronautical maintenance	6	30	New
26966	Apply knowledge of aircraft electrical systems to the certification of aeronautical maintenance	6	30	New
26967	Apply knowledge of aircraft instrument systems to the certification of aeronautical maintenance	6	30	New
26968	Apply knowledge of aircraft radio systems to the certification of aeronautical maintenance	6	30	New