

Field Engineering and Technology**Review of Aeronautical Engineering - Core unit standard**

Subfield	Domain	ID
Aeronautical Engineering	Aeronautical Engineering – Core	28034

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

Date new versions published

September 2015

Planned review date

31 December 2018

Summary

This unit standard seems to be a duplication of the “Direct Current” unit standard and industry has indicated that it will create a problem with the new New Zealand suite of qualifications. Aircraft technology has become more sophisticated, and certain skills were not covered by existing unit standards. New unit standards were developed to cover these skills.

Main changes

- Title, outcomes, evidence requirements, and range statements were updated to reflect the needs of the aeronautical engineering industry and in line with international regulatory requirements.
- Standards Powmaint and Roto were developed to fill specialist areas.

Engineering and Technology > Aeronautical Engineering > Aeronautical Engineering - Core

ID	Title	Level	Credit	Review Category
28034	Interpret and use non-complex aircraft alternating current (AC) electrical load circuit diagrams to repair faults Demonstrate knowledge of non-complex aircraft alternating current (AC) electrical systems	3	4	B

Engineering and Technology > Aeronautical Engineering > Aircraft Powerplant Maintenance

ID	Title	Level	Credit	Review Category
29134	Describe aircraft powerplant maintenance practices	3	6	New

Engineering and Technology > Aeronautical Engineering > Aeronautical Machining

ID	Title	Level	Credit	Review Category
29135	Roto-peen aeronautical components	4	8	New

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