

**Field      Engineering and Technology****Review of *Aeronautical Engineering* unit standards**

<b>Subfield</b>	<b>Domain</b>	<b>ID</b>
Aeronautical Engineering	Aeronautical Document Production	4016-4019
	Aeronautical Engineering Planning	10803-10806, 20906-20910, 21144
	Aeronautical Engineering Quality Assurance	10807, 10997

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

**Date new versions published**

**August 2014**

**Planned review date**

**December 2018**

**Summary**

This is the last stage of the review of all unit standards in the *Aeronautical Engineering* subfield. The review was undertaken in consultation with the Aeronautical Engineering industry to ensure the standards' relevance, as the technology associated with aircraft has become more sophisticated.

**Main changes**

- The prerequisites for standards 10803-10806 were removed.
- Explanatory notes were updated for currency and consistency with other recently listed Aeronautical Engineering standards.
- Standard setting body details were updated following the merger of the Aviation, Tourism and Travel Training Organisation and ServiceIQ.

The last date for assessment of the superseded versions of these standards is 31 December 2016. Results will not be accepted where the assessment date is after the last date for assessment of the superseded version of the standard.

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

All changes are in **bold**.

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

## Engineering and Technology &gt; Aeronautical Engineering &gt; Aeronautical Document Production

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
4016	Produce aeronautical graphic artwork	4	25	A
4017	Convert and transfer aeronautical electronic document files between operating systems	3	4	B
4018	Convert aeronautical manuscripts to electronic files	3	4	B
4019	Convert and transfer aeronautical electronic document files between software packages	3	4	B

## Engineering and Technology &gt; Aeronautical Engineering &gt; Aeronautical Engineering &gt; Aeronautical Engineering Planning

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
10803	Produce a long-term maintenance forecast plan for an aircraft fleet and major aircraft components	5	40	B
10804	Monitor and control an aircraft maintenance activity	5	10	B
10805	Plan aircraft maintenance activities using project management techniques	5	25	B
10806	Define and document the scope and requirements of a planned aircraft maintenance activity	5	45	B
20906	Demonstrate knowledge of CAA Rules relating to the maintenance control and certification of aircraft	4	4	A
20907	Produce a maintenance control system for an aircraft fleet	5	25	B
20908	Demonstrate knowledge of the role of personnel in aircraft maintenance	4	4	A
20909	Demonstrate knowledge of aircraft Maintenance Programmes	4	6	A
20910	Explain the minimum equipment requirements for aircraft operation	4	2	A
21144	Describe the requirements for hiring and cross leasing aircraft in relation to CAA Rules	4	2	A

## Engineering and Technology &gt; Aeronautical Engineering &gt; Aeronautical Engineering Quality Assurance

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
10807	Audit an aeronautical engineering maintenance activity	6	75	B
10997	Ensure the integrity of parts and materials for aircraft use	4	24	B