

Qualification details

Qualification number/Te nama o te tohu mātauranga	2906-2		
English title/Taitara Ingarihi	New Zealand Diploma in Aeronautical Engineering (Technical Support) (Level 6)		
Māori title/Taitara Māori			
Version number/Te putanga	2	Qualification type/Te momo tohu	Diploma
Level/Te kaupae	6	Credits/Ngā whiwhinga	130
NZSCED/Whakaraupapa	031503 Engineering and Related Technologies>Aerospace Engineering and Technology>Aircraft Maintenance Engineering		
Qualification developer/Te kaihangā tohu	Ringa Hora Services Workforce Development Council		
Review Date /Te rā arotake	31/12/2027		

Outcome statement/Te tauāki ā-hua

Strategic Purpose statement/ Te rautaki o te tohu
<p>The purpose of this qualification is to provide the aeronautical engineering industry with graduates who have attained sufficient theoretical knowledge and practical skills to provide technical support services for aircraft operation and maintenance activities.</p> <p>This qualification is intended for learners who are experienced aeronautical engineers, and who want to broaden their knowledge and skills in the technical support function of the aeronautical engineering sector.</p> <p>Graduates will be equipped with a comprehensive set of skills relating to the administration and management of technical support for an aviation engineering organisation.</p>

Graduate Profile/Ngā hua o te tohu
<p>Graduates of this qualification will be able to:</p> <ul style="list-style-type: none"> - Control and evaluate incoming aeronautical engineering technical information in relation to mandatory and non-mandatory requirements for aircraft operating and maintenance activities. - Promulgate, control, and provide aeronautical engineering and technical information to meet enterprise and customer requirements. - Develop and maintain maintenance programmes for aircraft and aircraft components to meet aircraft and/or fleet operating profile, to comply with all mandatory and airworthiness authority requirements.

Education Pathway/ Ngā huarahi mātauranga

<p>This qualification can pathway from the various New Zealand certificates and diplomas in Aeronautical Engineering.</p> <p>Pathway qualifications include:</p> <p>New Zealand Diploma in Aeronautical Engineering (Quality and Safety – SMS) (Level 6) [Ref: 2905]</p> <p>New Zealand Diploma in Aeronautical Engineering (Maintenance Planning) (Level 5) [Ref: 2904]</p> <p>Career progression beyond these specialist maintenance roles is most likely to be in management, or in-house training for aircraft type specific training.</p>
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<p>Employment, Cultural, Community Pathway/ Ko ngā huarahi ā-mahi, ā-ahurea, ā-whānau, ā-hapū, ā-iwi, ā-hapori anō hoki</p>
<p>Graduates will have the skills and knowledge to be employed within a Technical Support role. They may progress into other Aeronautical Engineering roles such as Quality Assurance, or Engineering Planning.</p>

Qualification Specifications/ Ngā tauwhāititanga o te tohu

Qualification Award/ Te whakawhiwhinga o te tohu	This qualification may be awarded by any education organisation with an approved programme.
Evidence requirements for assuring consistency/ Ngā taunaki hei whakaū i te tauritenga	<p>Evidence may include the following:</p> <ul style="list-style-type: none"> analysis of employer surveys to determine if graduates of the qualification meet the graduate profile outcomes analysis of graduate surveys to determine if graduates of the qualification meet the graduate profile outcomes analysis of a range of workplace evidence demonstrating that graduates of the qualification meet the graduate profile outcomes evidence of effective internal and external quality assurance systems to assure that graduates of the qualification meet the graduate profile outcomes.
Minimum standard of achievement and standards for grade endorsements/ Te pae o raro e tutuki ai, ngā paerewa hoki hei whakaatu i te taumata o te whakatutukinga	Achieved.
Other requirements for the qualification (including regulatory body or legislative requirements)/ Kō ētahi atu here o te tohu (tae atu hoki ki ngā here ā-hinonga whakamarumarū, ki ngā here ā-ture rānei)	None.
General conditions for programme/ Ngā tikanga whānui o te hōtaka	<p>To achieve this qualification trainees must at all times comply with aviation regulations applicable to aeronautical engineers, such as those set-in place by Civil Aviation Authority (CAA) Rules or New Zealand Defence Force (NZDF) Policy.</p> <p>Additional guidance and recommendations for programme development can be found on the Ringa Hora website at https://www.ringahora.nz/qualifications-and-standards-overview/programme-guidance-documents-for-providers-developing-programmes/</p>

	<p>Providers are advised to refer to the Ringa Hora Services Workforce Development Council Programme endorsement considerations:</p> <ul style="list-style-type: none"> • Ngā Whakamārama - Programme content • Mana ōrite mō te hunga ako - Equity for learners • Torotoronga me te kimi whakaaro - Programme engagement and consultation • Te ao Māori • Te akoako me ngā reo o Te Moana-nui-a-Kiwa - Pacific languages and learners • Tangata Whaikaha - Disabled people <p>Further information is available from NZQA on Programme approval and provider accreditation</p>
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Conditions relating to the Graduate Profile /Ngā tikanga e hāngai ana ki nga hua o te tohu

Qualification outcomes/ Ngā hua	Credits/Ngā whiwhinga	Conditions/Ngā tikanga
1. Control and evaluate incoming aeronautical engineering technical information in relation to mandatory and non-mandatory requirements for aircraft operating and maintenance activities.	26 credits	Programmes must include the following unit standards: 10793, 10794
2. Promulgate, control, and provide aeronautical engineering and technical information to meet enterprise and customer requirements.	83 credits	Programmes must include the following unit standards: 10795, 10796
3. Develop and maintain maintenance programmes for aircraft and aircraft components to meet aircraft and/or fleet operating profile, to comply with all mandatory and airworthiness authority requirements.	21 credits	Within the Field Engineering and Technology, and the Subfield Aeronautical Engineering, standards from the following Domains: - Aeronautical Engineering Planning - Aeronautical Engineering Production Control - Aeronautical Engineering Quality Assurance

Transition information/ He kōrero whakawhiti

Replacement information/ He kōrero mō te whakakapi	
Additional transition information/ Kō ētahi atu kōrero mō te whakakapi	<p>Version Information</p> <p>Version 2 of this qualification was published in December 2022 as the result of a scheduled review.</p> <p>Please refer to Qualifications and Assessment Standards Approvals for further information.</p>

	<p>The last date for assessment for programmes leading to version 1 of this qualification is 31 December 2026. It is the intention of Ringa Hora Services Workforce Development Council that no existing trainee should be disadvantaged by these transition arrangements. Any person who considers they have been disadvantaged may appeal to:</p> <p>Ringa Hora Services Workforce Development Council PO Box 445 Wellington Phone: 04 909 0306 Web: https://www.ringahora.nz/ Email Qualifications@ringahora.nz</p>
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