

FIELD MANUFACTURING

Review of *Energy and Chemical Plant* qualifications

National Certificate in Energy and Chemical Plant (Boiler Operation) (Level 2) [Ref: 1342]

National Certificate in Energy and Chemical Plant (Process Operation) (Level 2) with optional strands in Petrochemical Industry; Kraft Pulp and Chemical Operations; and Kraft Liquor Evaporation [Ref: 1343]

National Certificate in Energy and Chemical Plant (Process Operation) with optional strands in Steam Generation; Turbine Operations; Waste Treatment; Refrigeration; Chemical Continuous Process; Chemical Batch Process; Solid Handling; Petrochemical Field Operations; Petrochemical Control Room Operations; Petrochemical Production Storage; Kraft Cycle Operations; Kraft Bleach and Chemical Operations; and Kraft Pulping and Chemical Plant [Ref: 1344]

The Primary Industry Training Organisation has completed the review of the qualifications listed above.

Replacement qualifications

New Zealand Certificate in Energy and Chemical Operations (Boiler Operation) (Level 3) [Ref: 2306]

New Zealand Certificate in Energy and Chemical Operations (Plant and Machinery) (Level 3) [Ref: 2305]

New Zealand Certificate in Energy and Chemical Field Operations (Level 4) with strands in Process Plant Equipment, Steam Plant, Geothermal Operation, Petrochemical Operation, Petrochemical Station, and Petrochemical Transfer and Storage [Ref: 2307]

New Zealand Certificate in Energy and Chemical Plant Control Room Operations (Level 5) with strands in Chemical Plant, Steam Generation Plant, and Plant Outage Coordination [Ref: 2308]

Date new versions published

October 2014

The next qualification review is planned to take place during 2019.

Summary of review and consultation process

The standard setting body function has moved from NZ Motor Industry Training Organisation (MITO) to the Primary Industry Training Organisation (Primary ITO) and is reflected in this review. The change has been agreed by NZQA and TEC and is supported by the following Steam and Hazardous Gases Advisory Group (SHAG) member organisations:

- NZ Motor Industry Training Organisation (MITO)
- Primary Industry Training Organisation (Primary ITO)
- Competenz
- Infrastructure Industry Training Organisation (Connexis).

The review occurred as a result of the mandatory review of Energy and Chemical Plant sector qualifications, part of the Targeted Review of Qualifications (TRoQ). The mandatory review involved extensive consultation with stakeholders working in and with

the industry. Consultation included meetings to discuss the need to review the qualifications, and subsequent meetings considered the proposed content of the new qualifications.

Industry confirmed the on-going need for a suite of qualifications in this area that would recognise graduate capabilities and provide an education pathway for trainees.

The existing National qualifications have been replaced by New Zealand qualifications, as detailed below.

Main changes resulting from the review

National Certificate in Energy and Chemical Plant (Boiler Operation) (Level 2) [Ref: 1342]
replaced by

New Zealand Certificate in Energy and Chemical Operations (Boiler Operation) (Level 3) [Ref: 2306]

Review category	C	See Key to Qualification Review Categories at the end of report
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National Certificate in Energy and Chemical Plant (Process Operation) (Level 2) with optional strands in Petrochemical Industry; Kraft Pulp and Chemical Operations; and Kraft Liquor Evaporation [Ref: 1343]
replaced by

New Zealand Certificate in Energy and Chemical Operations (Plant and Machinery) (Level 3) [Ref: 2305]

Review category	C	See Key to Qualification Review Categories at the end of report
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National Certificate in Energy and Chemical Plant (Process Operation) with optional strands in Steam Generation; Turbine Operations; Waste Treatment; Refrigeration; Chemical Continuous Process; Chemical Batch Process; Solid Handling; Petrochemical Field Operations; Petrochemical Control Room Operations; Petrochemical Production Storage; Kraft Cycle Operations; Kraft Bleach and Chemical Operations; and Kraft Pulping and Chemical Plant [Ref: 1344]
replaced by

New Zealand Certificate in Energy and Chemical Field Operations (Level 4) with strands in Process Plant Equipment, Steam Plant, Geothermal Operation, Petrochemical Operation, Petrochemical Station, and Petrochemical Transfer and Storage [Ref: 2307]

Review category	C	See Key to Qualification Review Categories at the end of report
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Transition

The last date for entry into programmes leading towards the replaced qualifications is 31 December 2016. The last date for award of the replaced qualifications is 31 December 2018, when the qualifications will be designated as discontinued. From that date no results can be reported against the qualifications.

People currently working towards the replaced qualifications may either complete the requirements by 31 December 2018 or transfer their results to the replacement

qualifications.

It is anticipated that no existing candidates will be disadvantaged by these transition arrangements. However, anyone who feels that they have been disadvantaged may appeal to Primary ITO at the address below. Appeals will be considered on a case by case basis.

Primary Industry Training Organisation
PO Box 10383
The Terrace
Wellington 6143

Telephone 04 801 9616
Email quality@primaryito.co.nz

Key to Qualification Review Categories

Category A The qualification is published as a new version with the same NQF ID	Changes are made to SSB name, contact details or purpose statement
	No change is made to title, rules or components of the qualification
	No transition arrangements are required
Category B The qualification is published as a new version with the same NQF ID	Changes are made to title, rules or components
	The new version of the qualification recognises a similar skill set to that recognised by the previous version
	The SSB is confident that people awarded the new or previous version are comparable in terms of competence
	Transition arrangements are required if candidates must gain additional/different credits for the new version
Category C A new (replacement) qualification is published with new NQF ID	Significant changes are made to the qualification in terms of components, structure, type or level
	The SSB views people with the replacement qualification as being significantly different in terms of competence from those with the replaced qualification
	Transition arrangements are required
	Transition may be limited to phase-out dates
Category D Qualification will expire. There is no replacement qualification	Qualification is no longer required by industry
	The qualification is designated as expiring and a last date for meeting the qualification requirements is set