

FIELD ENGINEERING AND TECHNOLOGY

Review of *Engineering* qualification

National Diploma in Engineering (Level 6) with strands in Mechanical Engineering, Production Engineering, and an optional Practical Endorsement strand [Ref: 0534]

Competenz has completed the review of the qualification listed above.

Date new versions published

February 2009

The next qualification review is planned to take place during 2012.

Summary of review and consultation process

In response to industry requests, Competenz reviewed the qualification to incorporate a Mechanical Services strand, to cater for careers in refrigeration, heating, ventilating, air conditioning, piped services systems, and building systems management. Key stakeholders involved in the review included representatives from the refrigeration, heating, ventilating and air conditioning industry and a consortium of Institutes of Technology and Polytechnics.

Main changes resulting from the review

A new strand for Mechanical Services, comprising six standards from the domain of Applied Principles of Mechanical Engineering, was added to the qualification.

National Diploma in Engineering (Level 6) with strands in Mechanical Engineering, Production Engineering, and an optional Practical Endorsement strand [Ref: 0534]
National Diploma in Engineering (Level 6) with strands in Mechanical Engineering, Production Engineering, and Mechanical Services, and with an optional strand in Practical Endorsement [Ref: 0534]

Review category	B	See Key to Qualification Review Categories at the end of report
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Changes to structure and content

- The purpose statement was updated to more accurately describe the purpose and focus of the qualification
- An extra strand in Mechanical Services was added to cater for careers in the refrigeration, heating, ventilating, and air conditioning sectors
- Standards 24530-24535 were included in the Mechanical Services strand
- The National Certificate in Heating, Ventilating, and Air Conditioning (Mechanical Services) (Level 5) [Ref: 0897] was added as a possible pathway to the diploma
- Credit transfer arrangements were updated to include exemptions for holders of the Trade Certificate/Advanced Trade Certificate in Fitting and Turning
- Exemption for standard 21775 was removed
- Expiring standard 7452 in the optional strand in Practical Endorsement was replaced with standard 25463
- Contact details for the standard setting body were updated.

Transition

There are no transition implications for people currently enrolled in programmes leading to the award of version 2. The last date for assessments to take place for version 2 is December 2012.

All new candidates will be enrolled in programmes leading to the award of version 3.

It is not intended that anyone is disadvantaged by this review, and the above arrangements have been designed for a smooth transition. However, anyone who feels they have been disadvantaged may appeal to:

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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