

Impact on existing provider accreditations

Current Accreditation for			Accreditation extended to		
Nature of accreditation	Classification or Id	Level	Nature of accreditation	Classification or Id	Level
Subfield	Mechanical Engineering	5	Standard	24534	6
Domain	Refrigeration and Air Conditioning	5	Standard	24534	6

Impact on Accreditation and Moderation Action Plan (AMAP)

None.

Impact on existing qualifications

Qualifications that contain the reviewed standards or classifications are tabled below.

Affected	The qualification lists a reviewed classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits The qualification lists a C or D category standard
Not materially affected	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following Competenz qualification is affected by the outcome of this review and will be reviewed in 2008.

Qualification title	Standard in the qualification
National Certificate in Refrigeration and Air Conditioning (Level 5) [Ref: 0720]	3826

Summary of main changes

All changes are in **bold**.

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

Subfield Mechanical Engineering
 Domain Heating, Ventilating, and Air Conditioning
 Domain **Applied Principles of Mechanical Engineering**

Id	Title	Level	Credit	Review Category
3206	Design and specify hot water heating systems	6	30	C
3207	Design and specify chilled water systems	6	30	
24530	Demonstrate and apply knowledge of water based system design for HVAC applications	6	15	
3208	Design and specify potable hot and cold water systems	6	30	C
3209	Design and specify steam and condensate systems	6	30	
3212	Design and specify systems for gases	6	30	
3213	Design and specify industrial liquids systems	6	30	
24531	Demonstrate and apply knowledge of piped services system design	6	15	
3210	Design and specify ventilation systems	6	30	
3211	Design and specify air conditioning systems	6	30	C
24532	Demonstrate and apply knowledge of air handling system design for HVAC applications	6	15	
3214	Design and specify duct work for manufacture	6	30	
3215	Design and specify control and building management systems	6	30	C
24533	Demonstrate and apply knowledge of HVAC control and building management system design	6	15	
3216	Prepare mechanical services operating and maintenance manuals	6	15	D

Subfield Mechanical Engineering
 Domain Refrigeration and Air Conditioning
 Domain **Applied Principles of Mechanical Engineering**

Id	Title	Level	Credit	Review Category
3826	Design and develop commercial and light industrial refrigeration and air conditioning systems	5	20	C
24534	Demonstrate and apply knowledge of commercial and light industrial RAC system design	6	15	

Id	Title	Level	Credit	Review Category
3827	Design and develop industrial refrigeration systems	6	20	C
24535	Demonstrate and apply knowledge of industrial refrigeration system design	6	15	