



## Unit standards categorised as category C or D expire at the end of December 2010.

### 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	2	Standards	3831	3
Domain	Refrigeration and Air Conditioning	2		22702 22704 22707	

### Impact on Accreditation and Moderation Action Plan (AMAP)

AMAP 0013 has been updated to reflect the changes made to the standards.

### Impact on existing qualifications

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

<b>Affected</b>	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
<b>Not materially affected</b>	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

The following Competenz qualifications are affected by the outcome of this review and are being revised/reviewed in 2006.

Qualification title	Classification or standard in the qualification
National Certificate in Refrigeration and Air Conditioning (Level 4) [Ref: 0130]	3824, 3829-3841, 3844-3851
National Certificate in Refrigeration and Air Conditioning (Level 5) [Ref: 0720]	3825, 3840-3843, 3847, 3848, 3852, 3853

### Summary of main changes

All changes are in **bold**.

Key to review category	
<b>A</b>	Dates changed, but no other changes are made - the replacement standard carries the same Id and a new version number
<b>B</b>	Changes made, but the overall outcome remains the same - the replacement 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

Subfield Mechanical Engineering  
 Domain Refrigeration and Air Conditioning

Id	Title	Level	Credit	Review Category
3824	Design and develop refrigeration and air conditioning systems with technical supervision	3	35	C
<b>22705</b>	<b>Apply design principles to commercial RAC systems installation</b>	<b>3</b>	<b>15</b>	
3825	Design and develop residential and light commercial refrigeration and air conditioning systems	4	15	C
<b>22708</b>	<b>Apply design principles to commercial RAC systems</b>	<b>4</b>	<b>15</b>	
3828	Design and develop large central plant air conditioning systems	6	20	D
3829	Assemble and manufacture refrigeration and air conditioning system components with technical supervision	1	20	C
and 3830	Assemble and manufacture residential and light commercial refrigeration and a/c system components	1	10	C
<b>22706</b>	<b>Assemble commercial refrigeration and/or air conditioning system components under supervision</b>	<b>2</b>	<b>10</b>	
3831	Assemble and manufacture commercial and light industrial refrigeration and a/c system components	2	10	B
	<b>Assemble and fabricate commercial refrigeration and/or air conditioning system components</b>	<b>3</b>		
3832	Assemble and manufacture industrial refrigeration system components	3	10	D
3833	Assemble and manufacture large central plant air conditioning system components	3	10	D
3834	Install refrigeration and air conditioning systems with technical supervision	1	30	C
and 3839	Commission refrigeration and air conditioning systems with technical supervision	3	20	C
<b>22702</b>	<b>Install and commission commercial refrigeration and air conditioning</b>	<b>3</b>	<b>15</b>	
3835	Install residential and light commercial refrigeration and air conditioning systems	2	12	C
and 3836	Install commercial and light industrial refrigeration and air conditioning systems	3	12	C
<b>22707</b>	<b>Install commercial refrigeration and/or air conditioning systems</b>	<b>3</b>	<b>20</b>	
3837	Install industrial refrigeration systems	3	12	B
	<b>Modify industrial refrigeration systems</b>		<b>20</b>	
3838	Install large central plant air conditioning systems	4	12	D
3840	Commission residential and light commercial refrigeration and air conditioning systems	4	12	D

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
3841	Commission commercial and light industrial refrigeration and air conditioning systems <b>Commission commercial refrigeration and/or air conditioning systems</b>	4	12 <b>20</b>	B
3842	Commission industrial refrigeration systems	5	15 <b>25</b>	B
3843	Commission large central plant air conditioning systems	5	15	D
3844 and 3849	Maintain refrigeration and air conditioning systems with technical supervision	2	15	C
<b>22704</b>	Service refrigeration and air conditioning systems with technical supervision <b>Maintain and service refrigeration and air conditioning systems</b>	3 <b>3</b>	20 <b>20</b>	C
3845	Maintain residential and light commercial refrigeration and air conditioning systems	3	12	D
3846	Maintain commercial and light industrial refrigeration and air conditioning systems <b>Maintain commercial refrigeration and/or air conditioning systems</b>	3	12 <b>20</b>	B
3847	Maintain industrial refrigeration systems <b>Perform maintenance operations on industrial refrigeration systems</b>	4	10 <b>20</b>	B
3848	Maintain large central plant air conditioning systems	4	10	D
3850	Service residential and light commercial refrigeration and air conditioning systems	3	15	D
3851	Service commercial and light industrial refrigeration and air conditioning systems <b>Service commercial refrigeration and/or air conditioning systems</b>	4	20	B
3852	Service industrial refrigeration systems	4	20 <b>25</b>	B
3853	Service large central plant air conditioning systems	5	20	D
<b>22701</b>	<b>Demonstrate knowledge of refrigeration and air conditioning principles and applications</b>	<b>3</b>	<b>15</b>	<b>New</b>
<b>22703</b>	<b>Apply knowledge of electrical and electronics principles in RAC</b>	<b>3</b>	<b>15</b>	<b>New</b>
<b>22709</b>	<b>Apply design principles to industrial refrigeration systems</b>	<b>5</b>	<b>15</b>	<b>New</b>