

FIELD ENGINEERING AND TECHNOLOGY**Review of *Refrigeration and Air Conditioning* unit standard 19666**

Subfield	Domain	Id
Mechanical Engineering	Refrigeration and Air Conditioning	19666

Competenz has completed the review of the unit standard listed above that was registered in September 2002.

Date new version published **February 2006**

New comments by date **February 2010**

Expiry date of new version of the unit standard **December 2011**

Summary of review and consultation process

Competenz was in the process of reviewing qualifications in the refrigeration and air conditioning domain and a new qualification was being developed for split system air conditioning units. This required an early review of unit standard 19666, *Demonstrate knowledge of ozone and how it relates to the refrigeration and air conditioning industry*. Changes to the standard were endorsed at an industry advisory group meeting on 4 August 2005.

Three new Split Air Conditioning standards were developed as part of this project. They are listed for information at the end of this report.

Main changes resulting from the review

- Level reduced from 4 to 3 to more accurately match the NQF Level Descriptors.
- Special notes updated.
- Elements and performance criteria rewritten for clarification.

Impact on existing provider accreditations

None.

Impact on Accreditation and Moderation Action Plan (AMAP)

None.

Impact on existing qualifications

None.

Summary of main changes to standards' Ids, classification, titles, levels, and credits

The following summary shows the changes made to the standard as a result of the review. All changes are in **bold**.

Key to review category

- A** Dates changed, but no other changes are made - the replacement standard carries the same Id and a new version number
- B** Changes made, but the overall outcome remains the same - the replacement 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 Refrigeration and Air Conditioning

Id	Title	Level	Credit	Review Category
19666	Demonstrate knowledge of ozone and how it relates to the refrigeration and air conditioning industry	4 3	3	B

Domain **Split System Air Conditioning**

Id	Title	Level	Credit	Review Category
22441	Demonstrate knowledge of split system air conditioning principles and applications	3	5	New
22442	Install and commission split system air conditioning in a training environment	3	8	New
22443	Install and commission split system air conditioning	3	20	New