Field Engineering and Technology

Review of Engineering - Fabrication unit standards 2426-2429 and 16957

Subfield	Domain	ID
Mechanical Engineering	Engineering - Fabrication	2426-2429, 16957

Competenz has completed the review of the unit standards listed above.

Date new versions published

May 2010

Planned review date

December 2015

Summary

This is a planned review of the Level 5 unit standards in the *Engineering - Fabrication* domain. Polytechnic tutors, assessors, industry experts, and employers have been consulted during the review and all feedback incorporated into the unit standards.

A key issue concerned the supervision aspects covered in unit standards 2426-2429 for key fabrication supervision. Feedback indicated that in practice, supervision rarely fell into clear cut activities as suggested by the existing standards, and industry would be better served by a single standard covering all aspects of fabrication supervision.

The reviewed standards were endorsed by the Sector Advisory Group on 10 February 2010.

Main changes

The review process resulted in the following changes to the unit standards:

- unit standards 2426-2429 were replaced by unit standard 26418, a single 30 credit unit standard, as it better represents the work of supervisors in the fabrication industry;
- title of unit standard 16957 was changed;
- unit standard16957 was amended to a single element;
- credit value for unit standard 16957 was increased from 4 to 6 to better reflect the range of knowledge required to demonstrate competence for this unit standard.

Category C unit standards will expire at the end of December 2014

Impact on Accreditation and Moderation Action Plan (AMAP)

None.

Impact on registered qualifications

None.

Detailed list of unit standards - classification, title, level, and credits

All changes are in **bold**.

Ke	Key to review category			
Α	Dates changed, but no other changes are made - the new version of the standard carries the same ID and a new			
	version number			
В	Changes made, but the overall outcome remains the same - the new version of the standard carries the same ID			
	and a new version number			
С	Major changes that necessitate the registration of a replacement standard with a new ID			
D	Standard will expire and not be replaced			

Engineering and Technology > Mechanical Engineering > Engineering - Fabrication

ID To	Title		Cradit Daview	
טו	Title	Level	Credit	Review
				Category
2426	Supervise the laying out and marking off of	5	18	С
	fabrication shapes			
2427	Supervise the forming and shaping of fabrication	5	20	С
	materials			
2428	Supervise assembly and mechanical joining of	5	20	С
	fabricated parts			
2429	Supervise fabrication mechanical cutting	5	15	С
	operations			
26418	Supervise engineering fabrication operations	5	30	
16957	Demonstrate knowledge of the principles of	5	4	В
	mechanics in engineering fabrication			
	Apply knowledge of force and stress in		6	
	engineering fabrications			