Field   Manufacturing

Review of *Manufacturing Processes* unit standards

Subfield	Domain	ID
Manufacturing Skills	Manufacturing Processes	4804-4811, 4813, 4814, 19504-19508, 20298-20301, 21329-21333

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

Date new versions published   March 2011

Planned review date   December 2015

Summary

Competenz completed the review of these unit standards in consultation with assessors, moderators, and providers that use the unit standards. Consultation was conducted via an online survey, emails, and ongoing electronic feedback on the unit standards.

The purpose of the review was to ensure that the unit standards continued to meet industry requirements.

The majority of the reviewed unit standards were considered fit for purpose. Some unit standards with very low usage (unit standards 4807, 4808, 19508, and 20301) were designated as expiring and will not be replaced. The remainder of the unit standards were updated to meet current industry requirements.

Main changes

- The titles of unit standards 4804-4806 were updated.
- The level of unit standard 20298 increased from Level 1 to Level 2.
- Unit standards 4807, 4808, 19508, and 20301 were designated as expiring and will not be replaced.
- An outcome (previously element 1) that was included in unit standards 4804, 4805, 4806, 4809, 4810, 4811, 4813, 4814, and 19507 was removed because it was unnecessary to repeat assessment against it: Respond to hazards and emergencies for product inspection, handling, packaging, and labelling in a manufacturing environment.
- The explanatory notes (previously special notes) for each unit standard were updated and made consistent.

Category D unit standards will expire at the end of December 2013

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

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

Manufacturing > Manufacturing Skills > Manufacturing Processes

ID	Title	Level	Credit	Review Category
4804	Inspect, handle, package, and label product in a manufacturing environment **Perform process operations in a manufacturing environment**	2	3	B
4805	Perform non-ferrous extrusion process operations **Perform non-ferrous metal extrusion processes**	2	5	B
4806	Operate a press for non-ferrous extrusions **Operate a press for non-ferrous metal extrusions**	3	10	B
4807	Roller rectify aluminium extrusions	3	7	D
4808	Correct extrusion dies	3	20	D
4809	Feed materials or components in a manufacturing environment	2	5	B
4810	Operate mechanical production process machinery	3	12	B
4811	Set mechanical production process machinery	3	12	B
4813	Assemble components within a manufacturing environment	2	5	B
4814	Hand assemble components within a manufacturing environment	2	3	B
19504	Interpret and apply assembly drawings to ensure product quality	3	4	B
19505	Interpret and apply production drawings to ensure product quality	3	5	B
19506	Demonstrate knowledge of company quality policy on a manufacturing site	2	2	B
19507	Maintain and control a manufacturing process to ensure product quality	3	8	B
19508	Operate Computer Numerical Controlled (CNC) Machinery for metal processing	3	6	D
20298	Fill and close containers	1 **2**	2	B
20299	Label containers manually	2	2	B
20300	Set up and operate automated container labelling equipment	3	6	B
20301	Set up and operate automated filling equipment	3	4	D

ID	Title	Level	Credit	Review Category
21329	Maintain housekeeping in a manufacturing environment	2	2	B
21330	Perform calculations for manufacturing production processes	2	2	B
21331	Perform basic computing functions in a manufacturing environment	2	2	B
21332	Demonstrate basic knowledge of establishing improvements in a manufacturing environment	3	2	B
21333	Demonstrate basic knowledge of workflow management in a manufacturing environment	3	4	B