

**FIELD            MANUFACTURING****Revision and Rollover of *Manufacturing Processes* unit standards**

<b>Subfield</b>	<b>Domain</b>	<b>Id</b>
Manufacturing Skills	Manufacturing Processes	4804, 4809, 4810, 4814, <b>19504-19507</b> , 20300, 21329-21332

Competenz has revised the unit standards listed above. The unit standards in **bold** have also been rolled over.

**Date new versions published**

**August 2007**

**Planned review date for the rolled over standards**

**December 2009**

The Planned review date for revised standards remain unchanged.

**Reason for the revision**

Competenz has reviewed the manufacturing and mechanical engineering qualifications. This prompted a reconsideration of the levels of standards in the Manufacturing Process domain. All standards that were up for revision in the Manufacturing Processes domain were compared to the level descriptors as well as similar standards in the Food and Related Product Production Line Operation, Food and Related Product Quality, Meat Industry Generic, Dairy Generic, and Competitive Manufacturing domains. The revision achieved much better alignment with level descriptors and similar standards in other domains.

**Main changes resulting from the revision**

- Standards 4814, 19506, 21329, 21330, and 21331 have increased to Level 2.
- Standards 4810, 19504, 19505, 19507, 20300, and 21332 have increased to Level 3.
- Purpose statements and elements were adjusted, where required, to ensure consistency between them; and minor format and punctuation faults were corrected.

**Impact on existing provider accreditations**

<b>Current Accreditation for</b>			<b>Accreditation extended to</b>		
Nature of accreditation	Classification or Id	Level	Nature of accreditation	Classification or Id	Level
Domain	Manufacturing Processes	2	Domain	Manufacturing Processes	3
Domain	Manufacturing Processes	3	Domain	Manufacturing Processes	4

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

None.

## Impact on existing qualifications

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

<b>Affected</b>	The qualification lists a revised classification (domain or subfield) in an elective set The qualification lists a standard that has changes to level or credits
<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 qualification is affected by the changes and will be reviewed in 2007.

Qualification title	Standard in the qualification
National Certificate in Food and Related Products Processing (Level 2) [Ref: 0342]	4809, 4810

The following qualifications are also affected by the changes. The standard setting bodies (SSBs) have been advised that they require revision.

Qualification title	Standard in the qualification	SSB Name
National Certificate in Materials Processing (Level 1) with strands in General, Plastics Injection Moulding, Plastics Extrusion, Plastics Blow Moulding, Plastics Thermoforming, Plastics Blown Film Extrusion, Plastics Film Conversion, Plastics Injection Stretch-Blow Moulding, Plastics Rotational Moulding, Plastics Film Slitting, Expanded Polystyrene Moulding, Glass Containers and Paint Manufacturing [Ref: 1072]	19506	Plastics and Materials Processing Industry Training Organisation Incorporated
National Certificate in Competitive Manufacturing with strands in Introductory Application, and Technical Application [Ref: 1215]	21332	Forest Industries Training and Education Council (FITEC)

## Summary of main changes

All changes are in **bold**.

Subfield      Manufacturing Skills  
Domain        Manufacturing Processes

Id	Title	Level	Credit
4804	Inspect, handle, package, and label product in a manufacturing environment	1 <b>2</b>	3
4809	Feed materials or components in a manufacturing environment	1 <b>2</b>	5
4810	Operate mechanical production process machinery	2 <b>3</b>	12
4814	Hand assemble components within a manufacturing environment	1 <b>2</b>	3
19504	Interpret and apply assembly drawings to ensure product quality	2 <b>3</b>	4
19505	Interpret and apply production drawings to ensure product quality	2 <b>3</b>	5

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>
19506	Demonstrate knowledge of company quality policy on a manufacturing site	1 2	2
19507	Maintain and control a manufacturing process to ensure product quality	2 3	8
20300	Set up and operate automated container labelling equipment	2 3	6
21329	Maintain housekeeping in a manufacturing environment	1 2	2
21330	Perform calculations for manufacturing production processes	1 2	2
21331	Perform basic computing functions in a manufacturing environment	1 2	2
21332	Demonstrate basic knowledge of establishing improvements in a manufacturing environment	2 3	2