

**FIELD                      MANUFACTURING****Review of *Paint Manufacturing* unit standards 20287-20297**

<b>Subfield</b>	<b>Domain</b>	<b>Id</b>
Coatings, Inks, and Adhesives	Paint Manufacturing	20287-20297

The Plastics and Materials Processing Industry Training Organisation (PaMPITO) has completed the review of the unit standards listed above.

**Date new versions published**

**February 2010**

**Planned review date**

**December 2014**

**Summary of review and consultation process**

The unit standards underwent a regular review with an Industry Advisory Group from September to November 2009. The Industry Advisory group was made up of Paint Manufacturing industry experts, a Workplace Assessor and a qualifications expert. Following the formal meetings further input was also sought from Paint Manufacturing industry representatives.

All industry representatives agreed that the reviewed amendments to the unit standards and a repackaging of the Paint Manufacturing qualifications will lead to greater uptake by industry and their trainees. Changes to levels and credits, and the splitting of one unit standard, arising from this review, give a better reflection of the competencies involved in these unit standards.

**Main changes resulting from the review**

- General technical amendments for clarification were made to each of the unit standards under review
- Unit standard 20289 increased to Level 4 from Level 3 and increased its credit value from 9 to 12 credits
- Unit standard 20290 increased to Level 5 from Level 4
- Unit standard 20291 increased to Level 2 from Level 1
- Unit standard 20293 was replaced by two new unit standards as explained below
- Two new unit standards, Unit 26284, *Demonstrate knowledge of dispersion equipment used in paint manufacture*, and Unit 26285, *Demonstrate knowledge of dispersion in paint manufacture*, were developed. Together they replaced unit standard 20293. The new unit standards were set at Level 3 with 2 credits
- Unit standard 20294 increased to Level 4 from Level 3
- Unit standard 20295 increased to Level 4 from Level 3
- All references to 'bead mills' was amended to 'mills' throughout unit standard 20295
- A range statement was added to performance criterion 2.8 of unit standard 20295
- Unit standard 20297 increased to Level 5 from Level 4.

**Unit standard 20293 designated category C will expire at the end of December 2010**

**Impact on existing provider accreditations**

None.

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

None.

**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 PaMPITO qualifications are affected by the outcome of this review and are being reviewed in 2010.

Qualification title	Classification or standard in the qualification
National Certificate in Paint Manufacturing (Level 2) [Ref: 1364]	20288, 20291, 20293, 20294, 20295
National Certificate in Paint Manufacturing (Level 3) [Ref: 1365]	20289, 20290, 20297

**Review Categories and changes to classification, title, level and credits**All changes are in **bold**.

<b>Key to review category</b>	
<b>A</b>	Dates changed, but no other changes are made - the new version of the standard carries the same Id and a new version number
<b>B</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
<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      Coatings, Inks, and Adhesives

Domain        Paint Manufacturing

<b>Id</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
20287	Demonstrate basic knowledge of paint and paint production	1	2	B
20288	Demonstrate knowledge of paint raw material components	2	4 <b>5</b>	B
20289	Describe the performance and properties of paint raw material components	3 <b>4</b>	9 <b>12</b>	B
20290	Match paint colours	3 <b>5</b>	15	B
20291	Assemble ingredients for paint manufacture <b>Prepare to assemble and assemble ingredients for paint manufacture</b>	1 <b>2</b>	3	B

Id	Title	Level	Credit	Review Category
20292	Prepare and perform paint mixing operations	2	4	B
20293	Demonstrate knowledge of dispersion and dispersion equipment used in paint manufacture	2	3	C
<b>26284</b>	<b>Demonstrate knowledge of dispersion equipment used in paint manufacture</b>	<b>3</b>	<b>2</b>	
<b>26285</b>	<b>Demonstrate knowledge of dispersion in paint manufacture</b>	<b>3</b>	<b>2</b>	
20294	Prepare to operate, and operate high speed dispersion equipment for paint manufacture	3 4	4	B
20295	Prepare to operate, and operate bead mills to disperse paint <b>Prepare to operate, and operate mills to disperse paint</b>	3 4	5	B
20296	Perform basic paint testing	2	2	B
20297	Test and adjust paints	4 5	18	B