

**Field      Manufacturing****Review of *Paint Manufacturing* unit standards**

Subfield	Domain	ID
Coatings, Inks, and Adhesives	Paint Manufacturing	20287, 20288, 20290-20292, 20294-20297, 26284, 26285, 29136-29140

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

**Date new versions published****July 2021****Summary**

These unit standards were reviewed between October 2020 and January 2021 as part of the qualification and programme review for manufacturing qualifications.

The review of paint manufacturing unit standards was completed with consultation with stakeholders, particularly past users of these unit standards in industry and those holding consent to assess. All paint manufacturing unit standards are being expired due to not being used for 5 years, and no longer being required by industry.

**Main changes**

- All paint manufacturing unit standards were set to expire without replacement as they are no longer required and have not been used for 5 years.

**These Category D unit standards will expire at the end of December 2022****Detailed list of unit standards – classification, title, level, and credits**

Key to review category	
<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

**Manufacturing > Coatings, Inks, and Adhesives > Paint Manufacturing**

ID	Title	Level	Credit	Review Category
20287	Demonstrate knowledge of paint and paint production	2	2	D
20288	Demonstrate knowledge of paint raw material components	3	5	D
20290	Match paint colours	5	15	D
20291	Prepare to assemble and assemble ingredients for paint manufacture	2	2	D
20292	Prepare and perform paint mixing operations	2	4	D
20294	Prepare to operate, and operate high speed dispersion equipment for paint manufacture	4	10	D
20295	Prepare to operate, and operate mills to disperse paint	4	10	D
20296	Perform in-process dispersion tests on a paint product	3	2	D
20297	Test and adjust paints	5	20	D

<b>ID</b>	<b>Title</b>	<b>Level</b>	<b>Credit</b>	<b>Review Category</b>
26284	Demonstrate knowledge of dispersion equipment used in paint manufacture	3	4	D
26285	Demonstrate knowledge of dispersion in paint manufacture	3	2	D
29136	Describe the end-use performance and properties of resins commonly used in paint	4	4	D
29137	Describe the performance and properties, and end use performance of paint emulsions	4	4	D
29138	Describe the performance and properties of paint pigments	4	4	D
29139	Describe the performance and properties of paint extenders	4	4	D
29140	Describe the performance and properties of paint solvents	4	4	D