Field   Engineering and Technology

Expiry of *Electronic Manufacturing* unit standards

Subfield	Domain	ID
Electronic Engineering	Electronic Manufacturing	12573-12592, 20400-20405, 20524, 22732, 22733

The Skills Organisation has completed the review of the unit standards listed above.

Summary

These unit standards were included in the National Certificate in Electronic Manufacturing (Level 3) [Ref: 0434] and the National Certificate in Electronic Manufacturing (Level 4) with strands in Manufacturing Technology, and Manufacturing Leadership [Ref:0435].

During the review that was completed in August 2016, the industry stakeholders recommended that the national qualifications be phased out, and the associated unit standards set to expire on December 2021. There has been no usage of these unit standards in the past 2 years.

The Skills Organisation will continue to offer electronics and electrical unit standards, leaving the manufacturing suite of standards with the relevant Standard Setting Bodies.

Main changes

These unit standards were set to expire without replacement.

These Category D unit standards will expire at the end of December 2021

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

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

Engineering and Technology > Electronic Engineering > Electronic Manufacturing

ID	Title	Level	Credit	Review Category
12573	Deal with hazardous materials in an electronic manufacturing environment	3	10	D
12574	Pack electronic products	2	10	D
12575	Assemble through-hole printed circuit boards manually	3	10	D
12576	Assemble surface mount printed circuit boards manually	3	15	D
12577	Assemble electronic products	3	15	D
12578	Assemble electronic components	3	15	D
12579	Perform hand soldering in electronic manufacturing	3	10	D
12580	Operate printed circuit board flow soldering equipment	3	10	D
12581	Operate automatic assembly equipment for printed circuit boards	3	35	D
12582	Control printed circuit board fabrication operations	3	30	D
12583	Control printed circuit board manufacturing processes	3	30	D

ID	Title	Level	Credit	Review Category
12584	Control printed circuit board screenprinting processes	3	30	D
12585	Prepare screenprinting stencils for printed circuit board processes	3	20	D
12586	Apply protective coatings to electronic products	3	10	D
12587	Inspect electronic products visually	3	10	D
12588	Conduct go/no-go testing of electronic products in electronic manufacturing	3	10	D
12589	Test and adjust electronic products in electronic manufacturing	4	20	D
12590	Repair printed circuit boards	4	20	D
12591	Prepare production batches for manufacture of electronic products	4	15	D
12592	Manage the production of electronic products within a manufacturing cell	4	30	D
20400	Rework surface mount printed circuit boards	3	10	D
20401	Rework through-hole printed circuit boards	3	10	D
20402	Identify and follow safety practices and procedures in an electronic manufacturing environment	2	5	D
20403	Identify electronic components	2	5	D
20404	Assemble electronic equipment racks or cabinets	3	20	D
20405	Describe and use electrostatic discharge control procedures in electronic manufacturing	2	2	D
20524	Assemble through-hole printed circuit boards using semi-automatic assembly equipment	3	10	D
22732	Apply intermediate knowledge of electronic manufacturing	5	15	D
22733	Demonstrate advanced knowledge of electronic manufacturing process engineering	6	15	D