Field   Engineering and Technology

Revision and Rollover of *Electronic Engineering* unit standards

Subfield	Domain	ID
Electronic Engineering	Electronic Manufacturing	12573-12592, 20400-20404, 20524

The ElectroTechnogy Industry Training Organisation (ETITO) has completed the revision of the unit standards listed above. The standards have also been rolled over to maintain their currency until they are reviewed.

Date new versions published   **March 2010**

Planned review date   **December 2013**

Summary

These unit standards have been revised to ensure currency. The ETITO plan to carry out a review of all the standards in the Electronic Manufacturing domain in 2013.

Main changes

- Changes reflect new standards format.
- Special notes have been updated to refer to current codes of practice and standards.
- Special notes have been updated to refer to current reference material.

Impact on existing accreditations

None.

Impact on Accreditation and Moderation Action Plan (AMAP)

None.

Impact on registered qualifications

None.

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

All changes are in **bold**.

Engineering and Technology > Electronic Engineering > Electronic Manufacturing

ID	Title	Level	Credit
12573	Deal with hazardous materials in an electronic manufacturing environment	3	10
12574	Pack electronic products	2	10
12575	Assemble through-hole printed circuit boards manually	3	10
12576	Assemble surface mount printed circuit boards manually	3	15

ID	Title	Level	Credit
12577	Assemble electronic products	3	15
12578	Assemble electronic components	3	15
12579	Perform hand soldering in electronic manufacturing	3	10
12580	Operate printed circuit board flow soldering equipment	3	10
12581	Operate automatic assembly equipment for printed circuit boards	3	35
12582	Control printed circuit board fabrication operations	3	30
12583	Control printed circuit board manufacturing processes	3	30
12584	Control printed circuit board screenprinting processes	3	30
12585	Prepare screenprinting stencils for printed circuit board processes	3	20
12586	Apply protective coatings to electronic products	3	10
12587	Inspect electronic products visually	3	10
12588	Conduct go/no-go testing of electronic products in electronic manufacturing	3	10
12589	Test and adjust electronic products in electronic manufacturing	4	20
12590	Repair printed circuit boards	4	20
12591	Prepare production batches for manufacture of electronic products	4	15
12592	Manage the production of electronic products within a manufacturing cell	4	30
20400	Rework surface mount printed circuit boards	3	10
20401	Rework through-hole printed circuit boards	3	10
20402	Identify and follow safety practices and procedures in an electronic manufacturing environment	2	5
20403	Identify electronic components	2	5
20404	Assemble electronic equipment racks or cabinets	3	20
20405	Describe and use electrostatic discharge control procedures in electronic manufacturing	2	2
20524	Assemble through-hole printed circuit boards using semi-automatic assembly equipment	3	10