

FIELD ENGINEERING AND TECHNOLOGY**Revision and Rollover of *Electricity Supply – Metering* unit standards 19309-19322, 19472, 19655**

Subfield	Domain	Id
Electricity Supply	Electricity Supply – Metering	19309-19322, 19472, 19655

The Electricity Supply Industry Training Organisation has revised the unit standards listed above. The opportunity was also taken to roll these unit standards over to extend their currency until a full review can be undertaken.

Date new versions published

April 2007

Planned review date

December 2012

Reason for the revision

Minor content amendments have been made to these unit standards in conjunction with an overall revision of the National Certificate in Electrical Supply Metering Technician qualifications. Unit standards have been updated to more accurately reflect current industry terminology, and more broadly encompass evidence requirements. In some unit standards Levels and credits have been increased to reflect a revised consideration of the skill and work required to achieve the unit standard.

Main changes resulting from the revision

- Range statements updated.
- Terminology updated.
- Entry information changed to 'open' (19310, 19320).
- Credit and/or level increased (19313, 19315, 19316, 19318).
- Titles updated (19314, 19316, 19318, 19322).

Impact on existing provider accreditations

None.

Impact on existing qualifications

Qualifications that contain the revised standards are tabled below.

Affected	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
Not materially affected	The qualification lists a standard that has a new title The qualification lists a standard that has a new classification

In the following table, the unit standards that generated the *affected* status are in **bold**.

The following Electricity Supply Industry Training Organisation qualifications are affected by the changes and will be revised in 2007.

Qualification title	Standard in the qualification
National Certificate in Electricity Supply (Metering Technician) (Level 4) [Ref: 1247]	19313 , 19314, 19315 , 19318
National Certificate in Electricity Supply (Metering Technician) (Level 5) [Ref: 1248]	19316 , 19322

Summary of main changes

All changes are in **bold**.

Subfield Electricity Supply
Domain Electricity Supply - Metering

Id	Title	Level	Credit
19309	Install electricity metering control relays	3	2
19310	Install electricity metering single-phase whole current meters	4	3
19311	Install electricity metering poly-phase whole current meters	4	3
19312	Transport and package electricity metering revenue meters and test equipment	2	2
19313	Demonstrate knowledge of electricity metering systems and installations	3 4	8 10
19314	Programme electricity metering data loggers in the electricity supply industry Programme electricity meter data loggers in the electricity supply industry	4	3
19315	Bench test and adjust electricity meters	3 4	4 5
19316	Design a low voltage (LV) electricity meter installation Design a current transformer (CT) electricity meter installation	5	10 12
19317	Design a high voltage (HV) electricity meter installation	5	5
19318	Install and commission low voltage (LV) electricity current transformer metering Install and commission electricity current transformer metering	4 5	10
19319	Install and commission voltage transformer metering in the electricity supply industry	4	12
19320	Calibrate revenue metering current transformers in the electricity supply industry	5	12
19321	Calibrate revenue metering voltage transformers in the electricity supply industry	5	12
19322	Calibrate electricity meters in the electricity supply industry Calibrate high accuracy electricity meters in the electricity supply industry	5	12
19472	Install and commission high voltage (HV) electricity current transformer metering	4	10
19655	Demonstrate knowledge of electricity protection systems affecting metering installations	4	5