

## **UET09 Electricity Supply Industry – Transmission, Distribution and Rail Sector**

Electricity Supply Industry – Transmission and Distribution and Rail vocations generally cover such work as the design, research, assembly, installation, construction, diagnosis, maintenance, commissioning, programming, testing or repair of; networks, systems, circuits, equipment, components, appliances, facilities and the like, in the fields of transmission and distribution of electricity and the supply of electricity for rail traction.

The UET06 Electricity Supply Industry - Transmission, Distribution and Rail Sector Training Package Training Package was endorsed by the National Quality Council on 19 June 2006.

This review of this Training Package was conducted as part of continuous improvement on the UET06 Electricity Supply Industry — Transmission, Distribution and Rail Training Package Version 1. Industry and stakeholders anticipated that this work would result in the endorsement of UET06 Electricity Supply Industry — Transmission, Distribution and Rail Training Package Version 2. However, the UET06 has a review date of 31 July 2009. The proximity of this date to the date of submission to National Quality Council for endorsement gave rise to consideration of this work as a full review the package and hence the recoding of the Training Package as UET09 Electricity Supply Industry — Transmission, Distribution and Rail Sector Training Package - Version 1.

EE-Oz has considered the following factors in making this decision:

- The extent of work done on the package both during development and subsequent to quality assurance and stakeholder evaluation
- The proximity of the review date and the likelihood of having to recode the package soon after the expiry of the review date.
- Advice from stakeholders
- The timing with regard to the launch of the revised National Training Information Service - Training.gov.au

Given these factors EE-OZ submitted for endorsement the recoded UET09 Electricity Supply Industry - Transmission, Distribution and Rail Sector Training Package Version 1 for endorsement with a new review date of 31 July 2012.

The submission covers the review of UET09 Electricity Supply Industry — Transmission, Distribution and Rail Training Package Version 1 and includes the addition of 11 new units of competency to the Training Package and the revision of 8 existing qualifications within the Training Package.

Seven new units have been added to the bank of electives available for UET50109 Diploma of ESI - Power systems and UET60109 Advanced Diploma of ESI - Power systems to address the needs of industry by expanding the range of electives in these qualifications.

The qualification packaging rules for the four Certificate III qualifications in Distribution, Transmission, Cable Jointing and Rail have been altered to reflect the removal of the imported unit *UEENEEE008B Lay wiring and terminate accessories for extra-low voltage circuits* from the core of each qualification to reduce duplication and increase the accessibility of these qualifications for line workers. This unit has been made available as an elective in each of these qualifications.

The review also includes changes to all of the units within the UET09 Training Package to include:

- The inclusion of employability skills
- Reformatted units
- Update of imported units
- Update of pre-requisites units where appropriate.

To better reflect the fact that the Electrical Regulatory Authorities Council (ERAC) requirements can be met via a number of qualifications from the UEE07 Electrotechnology Training Package units requiring entrants to hold or satisfy ERAC requirements for the issue of an Unrestricted Electrical Licence have had the following statement included in the prerequisite section: *Entry into this unit requires a current 'Unrestricted Electrician's Licence' or equivalent issued in an Australian State or Territory or satisfaction of the ERAC requirements for the issue of an unrestricted electrician's licence.* This statement also reduces the prerequisite chain for these units.

The universal electrotechnology units (UEU) have been replaced by imported units from the UEE07 Electrotechnology Training Package. This rationalisation reduces duplication and maintenance efforts for State Training Authorities, Registered Training Organisations and the Industry Skills Councils.

The revisions to units of competence and qualifications within the UET09 also recognise the convergence and connectivity of skills within the sector and its close relationships with other energy sectors including electricity generation and electrotechnology. This recognition is evidenced in common qualification structures, the sharing of common units of competency and skills within and between the sectors.

The NQC endorsed the UET09 Electricity Supply Industry - Transmission, Distribution and Rail Sector Training Package on 22 June 2009. The Ministerial delegate approved the NQC endorsement decision on 7 July 2009.

### **Qualification Outcomes:**

UET20109 Certificate II in Electricity Supply Industry -Vegetation Control

UET20209 Certificate II in Electricity Supply Industry -Transmission Line  
Assembly

UET30109 Certificate III in Electricity Supply Industry - Transmission

UET30209 Certificate III in Electricity Supply Industry - Distribution

UET30309 Certificate III in Electricity Supply Industry - Rail Traction

UET30409 Certificate III in Electricity Supply Industry - Cable Jointing

UET50109 Diploma of Electricity Supply Industry - Power Systems  
UET60109 Advanced Diploma of Electricity Supply Industry - Power Systems

**For further information, contact**

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