

UEE REVIEW – BACKGROUND INFORMATION AND SUMMARY OF MAJOR CHANGES

PURPOSE OF THIS DOCUMENT

This is the final round of public consultation before the UEE Electrotechnology Training Package is submitted for endorsement.

This document provides background information and summarises the main changes made to the currently endorsed UEE11 Electrotechnology Training Package in the draft components that will be submitted in the pending UEE Electrotechnology Training Package Case for Endorsement.

This consultation phase will run from 17 July – 7 August 2019. After the conclusion of consultation, the following activities will occur:

- Technical Advisory Committees (TACs) will consider feedback and make any final amendments to draft training package components.
- The Electrotechnology Industry Reference Committee (IRC) will sign off final training products.
- Editorial, Equity and Quality (QA) reports and the Case for Endorsement will be prepared and provided to State Training Authorities (STAs) for their review.
- Submission of the Case for Endorsement is expected to occur in December 2019. Please note: subject to the volume and complexity of feedback received, if more time is required to finalise draft Training Package components the IRC may consider submitting the training package in parts for endorsement by the AISC.

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PROVIDING FEEDBACK

Feedback will only be accepted through the feedback register. Feedback submitted in any other form outside of the feedback register will not be accepted and will be returned to the proponent so they can submit it through the register.

Feedback should be actionable recommendations, i.e. suggest amendments rather than generalised comments or questions about what has been drafted. Any questions should be directed to the designated AIS contacts via email.

Feedback on content covered in this document can be provided at the following link

https://austindustriestandards.sharepoint.com/IRCOpsTeam/_layouts/15/guestaccess.aspx?guestaccesstoken=PCEtmTaGp0gnUokjHfBBt441o2B7hOfwYmj5bm5YxQ%3d&docid=1_116ec9ad599344267ab547e34a308bef8&wdFormId=%7B4F0C720D%2D075F%2D4884%2DB7C5%2D446DB5769214%7D

Feedback on other draft components can be submitted through the Australian Industry Standards website through the following link

<https://www.australianindustriestandards.org.au/projects/uee-electrotechnology-training-package-project/>

WHAT TRAINING PRODUCTS HAVE BEEN PUBLISHED FOR PUBLIC CONSULTATION

All components (Qualifications, Skill Sets and Units of Competency) that will be included in the UEE Electrotechnology Training Package Case for Endorsement have been released for comment in this final round of public consultation.

Transition of the UEE11 Training Package to the 2012 Standards for Training packages has occurred in two main stages:

- All UEE11 content (87 Qualifications, 75 Skill Sets and 614 Units of Competency) was transitioned to the required templates for compliance with the 2012 Standards for Training Packages.
- It was decided mid 2018 that 12 Qualifications and 394 Units of Competency required further review. As a result, six of the seven TACs that oversaw the original transition were reconvened (the Renewables TAC was not reconvened because none of their content had been identified for the second round of review). The majority of information contained in this document is a result of this review.

Recently the Electrotechnology IRC were concerned that the original transition process may have resulted in the removal of some prerequisites and essential skills and knowledge (EKAS) from the currently endorsed units. They directed Australian Industry Standards (AIS) to reinstate any prerequisites and/or EKAS that may have been removed in the original transition process.

ASSESSMENT/ASSESSOR REQUIREMENTS ADDED TO UNITS AND QUALIFICATIONS

The Electrotechnology Industry Reference Committee (IRC) supported a recommendation from the Electrical Technical Advisory Committee (TAC) to add content to two qualifications and 12 units of competency aimed at strengthening the requirement for the workplace application of skills and knowledge. The primary rationale for these requirements is to address inconsistency in RTO practice and ensure that workplace application of skills is a key aspect of assessment decisions.

Content has been added to the 'Qualification Description' of the following qualifications:

- 308XX Certificate III in Electrotechnology Electrician
- 330XX Certificate III in Electrical Fitting

Content has been added to the 'Application' and 'Assessment Conditions' of the following units:

- UEENEEG063X Arrange circuits, control and protection for general electrical installations
- UEENEEG105A Verify compliance and functionality of low voltage general electrical installations
- UEENEEG106X Terminate cables, cords and accessories for low voltage circuits
- UEENEEG107X Select wiring systems and cables for low voltage general electrical installations
- UEENEEG109X Develop and connect electrical control circuits
- UEENEEG993X Isolate, test and troubleshoot low voltage electrical circuits
- UEENEEG994X Evaluate and modify low voltage heating equipment and controls
- UEENEEG995X Evaluate and modify low voltage lighting circuits, equipment, and controls
- UEENEEG996X Evaluate and modify low voltage socket outlets circuits
- UEENEEG997X Solve problems in alternating current (a.c.) rotating machines
- UEENEEG998X Test and connect transformers
- UEENEEG999X Install low voltage wiring, appliances, switchgear and associated accessories

ENTRY REQUIREMENTS ADDED OR CHANGED IN QUALIFICATIONS

The following qualifications have had 'Entry Requirements' either added, or the current ones amended:

- 308XX Certificate III in Electrotechnology Electrician
- 330XX Certificate III in Electrical Fitting
- UEE405XX Certificate IV in Electrical - Air-conditioning Split Systems
- UEE427XX Certificate IV in Air-conditioning and Refrigeration Servicing
- UEE428XX Certificate IV in Air-conditioning Systems Energy Management and Control
- UEE429XX Certificate IV in Refrigeration and Air-conditioning Systems
- UEE512XX Diploma of Air-conditioning and Refrigeration Engineering
- UEE625XX Advanced Diploma of Air-conditioning and Refrigeration Engineering

SPLITTING AND JOINING OF UNITS

As part of the review, the Electrical TAC split / joined the following units:

Current UEE11units	Draft new units for inclusion in UEE
UEENEEE104 Solve problems in DC circuits	UEENEEE999X Solve problems in extra-low voltage single path circuits
	UEENEEE998X Solve problems in multipath direct current (d.c.) circuits
UEENEEG006 Solve problems in single and three phase low voltage machines	UEENEEG998X Test and connect transformers
	UEENEEG997X Solve problems in alternating current (a.c.) rotating machines
UEENEEG101 Solve problems in electromagnetic devices and related circuits	UEENEEG992X Solve problems in electromagnetic devices
	UEENEEG991X Solve problems in direct current (d.c.) machines
UEENEEG033 Solve problems in single and three phase low voltage electrical apparatus and circuits	UEENEEG996X Evaluate and modify low voltage socket outlets circuits
	UEENEEG994X Evaluate and modify low voltage heating equipment and controls
	UEENEEG995X Evaluate and modify low voltage lighting circuits, equipment, and controls
UEENEEG108 Trouble-shoot and repair faults in low voltage electrical apparatus and circuits	UEENEEG993X Isolate, test and troubleshoot low voltage electrical circuits
UEENEEG103 Install low voltage wiring and accessories UEENEEG104 Install appliances, switchgear and associated accessories for low voltage electrical installations	UEENEEG999X Install low voltage wiring, appliances, switchgear and associated accessories

Weighting points for the new units have been calculated based on the current units. For example: a current 60-point unit was split into three x 20 point units; an 80 point unit was split into 30 and 50 point units; and, two 40 point units were joined to make an 80 point unit.

The above units which will only be used in UEE220XX, UEE30811 and UEE33011 Qualifications. The original versions have been transitioned to the 2012 Standards for Training Packages template and reviewed for use in all other UEE qualifications. This has been done to avoid 'not-equivalent' determinations for other qualifications. Feedback is being sought on both the new units, and those being retained for use in other qualifications.

UNITS BEING REPLACED BY IMPORTED UNITS

The following units will be replaced with imported units in all UEE qualifications:

Current unit (will not be included in Case for Endorsement)	Replaced with
UEENEEC010B Deliver a service to customers	BSBCUS201 Deliver a service to customers
UEENEE101A Use computer applications relevant to a workplace	ICTICT203 Operate application software packages

Both imported units have retained the 20 weighting points that was applied to the units they replace.

CONSOLIDATION OF RESTRICTED LICENCE UNITS

The Electrical TAC has consolidated to following units. ERAC and State Regulators have been consulted.

Current unit (will not be included in Case for Endorsement)	New unit
UEENEEP010A Disconnect - reconnect appliances connected to low voltage installation wiring	UEENEEP999X Disconnect-reconnect electrical equipment connected to low voltage (LV) installation wiring
UEENEEP011A Disconnect - reconnect neon signs connected to low voltage installation wiring	
UEENEEP012A Disconnect - reconnect composite appliances connected to low voltage installation wiring	
UEENEEP013A Disconnect - reconnect control devices connected to low voltage installation wiring	
UEENEEP014A Disconnect - reconnect water heaters connected to low voltage installation wiring	
UEENEEP015A Disconnect - reconnect motors connected to low voltage installation wiring	
UEENEEP016A Locate and rectify faults in low voltage appliances using set procedures	UEENEEP998X Locate and rectify faults in low voltage (LV) electrical equipment using set procedures
UEENEEP017A Locate and rectify faults in low voltage composite appliances using set procedures	
UEENEEP018A Locate and rectify faults in low voltage control devices using set procedures	
UEENEEP019A Locate and rectify faults in low voltage water heaters using set procedures	
UEENEEP020A Locate and rectify faults in low voltage motors using set procedures	

RESTRUCTURING OF REFRIGERATION AND AIR CONDITIONING UNITS

The Refrigeration and Air Conditioning TAC have rearranged content of three units as follows:

Current units (will not be included in Case for Endorsement)	Replaced with
UEENEEJ107A Install air conditioning and refrigeration systems, major components and associated equipment	UEENEEJ9991X Install, commission, service and maintain medium temperature systems
UEENEEJ111A Diagnose and rectify faults in air conditioning and refrigeration syst	UEENEEJ9992X Install, commission, service and maintain low temperature systems
UEENEEJ113A Commission air conditioning and refrigeration systems	UEENEEJ9993X Install, commission, service and maintain air conditioning systems

Due to the restructuring of content none of the current or new units above align individually; however, the combined three new units cover what is contained in the combined three old units. Weighting points for the new units equal those of the units they replace.

Current units (will not be included in Case for Endorsement)	Replaced with
UEENEEJ108X Recover, pressure test, evacuate, charge and leak test refrigerants	UEENEEJ999X Safe Handling of Refrigerants and Lubricants UEENEEJ999Y Recover and charge refrigerants
UEENEEJ153X Find and rectify faults in motors and associated controls in refrigeration and air conditioning	UEENEEJ000X Find and rectify faults in single phase motors and associated controls UEENEEJ000Y Find and rectify faults in three phase motors and associated controls

The new units above are not equivalent to the units they replace.

REPLACEMENT OF HAZARDOUS ENVIRONMENT (M) UNITS

There are currently 61 'M' units in the UEE11 Training Package. The vast majority of them are a direct adoption of AS NZS 4761 which has now been superseded by AS NZS 4761.1 2018. The new Standard has significantly restructured content, in most instances removing reference to specific hazardous environments, and also rearranging content between units.

With the exception of three existing units which sit outside of the scope of AS NZS 4761.1 2018, the rest have been replaced. The following table shows the mapping which has directed how the current units have been replaced in draft UEE qualifications:

Current UEE11 Units (will not be included in Case for Endorsement)	Draft Replacement UEE Units
No current unit - New unit is prerequisite to several other new units	UEENEEM999X Enter a classified hazardous area to undertake work related to electrical equipment
No current unit - New unit is prerequisite to several other new units	UEENEEM998X Determine the explosion-protection requirements to meet a specified classified hazardous area
UEENEEM019Attend to breakdowns in hazardous areas - coal mining	UEENEEM997X Maintain equipment associated with hazardous areas
UEENEEM020Attend to breakdowns in hazardous areas - gas atmospheres	
UEENEEM021Attend to breakdowns in hazardous areas - dust atmospheres	
UEENEEM022Attend to breakdowns in hazardous areas - pressurisation	
UEENEEM027Maintain equipment in hazardous areas - coal mining	
UEENEEM028Maintain equipment in hazardous areas - gas atmospheres	
UEENEEM029Maintain equipment in hazardous areas - dust atmospheres	
UEENEEM030Maintain equipment in hazardous areas - pressurisation	
UEENEEM023Install explosion-protected equipment and wiring systems - coal mining	UEENEEM996X Install explosion protected equipment and associated apparatus and wiring systems
UEENEEM024Install explosion-protected equipment and wiring systems - gas atmosph...	
UEENEEM025Install explosion-protected equipment and wiring systems - dust atmsp...	
UEENEEM026Install explosion-protected equipment and wiring systems - pressurizat...	
UEENEEM043Conduct detailed inspection of hazardous areas installations - coal m...	UEENEEM995X Conduct detailed inspection of electrical installations for hazardous areas
UEENEEM044Conduct detailed inspection of hazardous areas installations - gas at...	
UEENEEM045Conduct detailed inspection of hazardous areas installations - dust a...	
UEENEEM046Conduct detailed inspection of hazardous areas installations - pressu...	
UEENEEM054Plan electrical installations for hazardous areas - gas atmospheres	UEENEEM994X Plan electrical installations for hazardous areas
UEENEEM055Plan electrical installations for hazardous areas - dust atmospheres	
UEENEEM056Plan electrical installations for hazardous areas - pressurisation	
UEENEEM074Plan electrical installations in hazardous areas - Coal mining	
UEENEEM047Develop and manage maintenance programs for hazardous areas electrical...	

Current UEE11 Units (will not be included in Case for Endorsement)	Draft Replacement UEE Units
UEENEEM048Develop and manage maintenance programs for hazardous areas electrical...	UEENEEM993X Develop and manage periodic electrical inspection and maintenance programs for hazardous areas
UEENEEM049Develop and manage maintenance programs for hazardous areas electrical...	
UEENEEM050Develop and manage maintenance programs for hazardous areas electrical...	
UEENEEM035Conduct a conformity assessment of explosion-protected equipment - coa...	UEENEEM992X Conduct a conformity assessment review of explosion-protected equipment
UEENEEM036Conduct a conformity assessment of explosion-protected equipment - gas...	
UEENEEM037Conduct a conformity assessment of explosion-protected equipment - dus...	
UEENEEM067Assess the fitness-for-purpose of hazardous areas explosion-protected ...	UEENEEM991X Assess the fitness-for-purpose of explosion-protected equipment
UEENEEM068Assess the fitness-for-purpose of hazardous areas explosion-protected ...	
UEENEEM069Assess the fitness-for-purpose of hazardous areas explosion-protected ...	
UEENEEM057Design explosion-protected electrical systems and installations - gas ...	UEENEEM990X Design explosion-protected of electrical systems and installations
UEENEEM058Design explosion-protected electrical systems and installations - dust...	
UEENEEM059Design explosion-protected electrical systems and installations - pres...	
UEENEEM075Design explosion-protected electrical systems - Coal mining	
UEENEEM064Conduct audit of hazardous areas installations - coal mining	UEENEEM989X Perform compliance audits of hazardous areas and related electrical installation
UEENEEM065Conduct audit of hazardous areas installations - gas atmospheres	
UEENEEM066Conduct audit of hazardous areas installations - dust atmospheres	
UEENEEM078Manage compliance of hazardous areas	UEENEEM988X Manage continuous supervision inspection of electrical installations for hazardous areas
UEENEEM080Report on the integrity of explosion-protected equipment in a hazardou...	
UEENEEM052Classify hazardous areas - gas atmospheres	UEENEEM987X Classify areas where flammable gas or vapour hazards may arise
UEENEEM053Classify hazardous areas - dust atmospheres	UEENEEM986X Classify areas where a combustible dust hazard may arise
UEENEEM070Repair reeling, trailing and flexible cables	UEENEEM985X Repair reeling, trailing and flexible cables used in coal mining
UEENEEM071Test reeling, trailing and flexible cables	UEENEEM984X Test reeling, trailing and flexible cables and their attachments used in coal mining
UEENEEM072Inspect and fit plugs couplers for reeling, trailing and flexible cabl...	UEENEEM983X Inspect, maintain and fit plugs/couplers for reeling, trailing and flexible cables - coal mining
UEENEEM073Verify compliance of repaired reeling, trailing and flexible cables	UEENEEM982X Verify compliance of repaired reeling, trailing and flexible cables and attachments - coal mining
UEENEEM031Overhaul and repair of explosion-protected equipment - coal mining	UEENEEM981X Supervise repair and overhaul of explosion-protected equipment
UEENEEM032Overhaul and repair of explosion-protected equipment - flameproof encl...	
UEENEEM033Overhaul and repair of explosion-protected equipment - gas atmospheres	
UEENEEM034Overhaul and repair of explosion-protected equipment - dust atmosphere...	
UEENEEM060Carry out overhaul and repair of explosion-protected equipment - coal ...	

Current UEE11 Units (will not be included in Case for Endorsement)	Draft Replacement UEE Units
UEENEEM061	
UEENEEM062 Carry out overhaul and repair of explosion-protected equipment - gas a...	
UEENEEM063 Carry out overhaul and repair of explosion-protected equipment - dust ...	
UEENEEM042 Conduct visual inspection of hazardous areas installations	UEENEEM980X Conduct visual inspection of electrical installations for hazardous areas
UEENEEM038 Conduct testing of hazardous areas installations - coal mining	Content absorbed across: UEENEEM998X, UEENEEM997X & UEENEEM995X
UEENEEM039 Conduct testing of hazardous areas installations - gas atmospheres	
UEENEEM040 Conduct testing of hazardous areas installations - dust atmospheres	
UEENEEM041 Conduct testing of hazardous area installations - pressurisation	
UEENEEM076 Use and maintain the integrity of a portable gas detection device	Retain transitioned units
UEENEEM077 Install and maintain the integrity of fixed gas detection equipment	
UEENEEM079 Design of gas detection systems	

In addition, UEE11 Skill Sets based on the superseded AS NZS 4761 will not be transitioned to UEE.

CONTENT TO COVER NEW LICENCING EPCS

The revised Licencing requirements include: *EPC55 - Demonstrate knowledge and application of electricity generation systems and electricity converters and the requirements of AS/NZS 3000 Wiring Rules for stand-alone and grid connected systems. Basic knowledge of battery storage systems and uninterruptible power supplies.* A new unit, **UEENEEG990X Identify, shut down and restart systems with alternate supplies**, has been created to cover part of this EPC. In addition, content in UEENEEG993X, UEENEEG063X, UEENEEG997X and UEENEEG999X to cover this new EPC.

Content has been added to both UEENEEE101X and UEENEEE137X to cover new EPC29 requirements related to asbestos awareness. In addition, minor amendments/additions have been made in a range of other 'Electrical' (G) units to cover changes to EPCs.

ZERO ENROLMENT CONTENT RECOMMENDED FOR DELETION

During December 2018 and January 2019 AIS sought feedback through public consultation on the possible deletion of 78 units and 20 qualifications which had no reported enrolments during the previous three years. Feedback on these components was also sought from State Training Authorities. The result of this feedback was that five of the Qualifications and 35 of the units be retained

Final justification to retain any of the following 15 qualifications and 43 units still recommended for deletion is being sought.

Qualifications

UEE204XX	Certificate II in Winding and Assembly
UEE208XX	Certificate II in Electrical Wholesaling
UEE210XX	Certificate II in Fire Alarms Servicing
UEE212XX	Certificate II in Antennae Equipment
UEE214XX	Certificate II in Remote Area Power Supply Maintenance
UEE303XX	Certificate III in Custom Electronics Installations
UEE311XX	Certificate III in Gaming Electronics
UEE315XX	Certificate III in Rail - Communications and Networks
UEE402XX	Certificate IV in Electrical - Data and Voice Communications
UEE408XX	Certificate IV in Electrical - Fire Protection Control Systems
UEE508XX	Diploma of Research and Development
UEE530XX	Diploma of Electrical Systems Engineering
UEE611XX	Advanced Diploma of Automated Systems Maintenance and Engineering
UEE615XX	Advanced Diploma of Instrumentation and Control Engineering
UEE630XX	Advanced Diploma of Electrical Systems Engineering

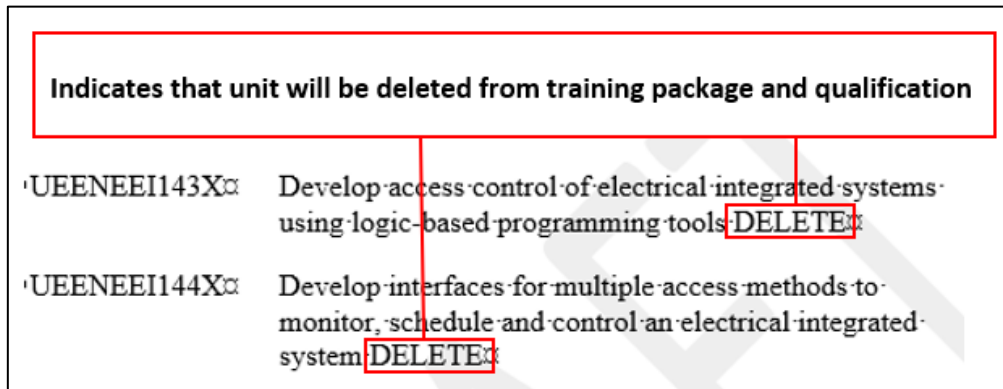
Units of competency

UEENEEA107X	Make up wiring looms for internal wiring of appliances and machinery
UEENEEC009X	Provide quotations for inspection and compliance audit services
UEENEEC012X	Direct technical and non-technical enquiries to appropriate personnel
UEENEEC013X	Participate in business equipment work and competency development activities
UEENEEC023X	Participate in gaming electronic work and competency development activities

UEENEEC027X	Participate in rail communications and networks work and competency development activities
UEENEEE077X	Write specifications for automated systems projects
UEENEEE131X	Solve problems in ELV circuits for non electrical workers
UEENEEE145X	Apply computation when using equipment
UEENEEE149X	Contribute to the operation of support plant and equipment used in electricity supply industry
UEENEEE151X	Transport apparatus, equipment and materials
UEENEEE162X	Select drive components for electrical equipment design
UEENEEE164X	Design electrical machine drives and production layout plans
UEENE EF103X	Install and maintain telecommunication cabling for services in lifts
UEENEEG126X	Install and maintain field power and distribution systems with a low voltage demand up to...
UEENEEG160X	Evaluate performance of LV electrical machines
UEENEEG161X	Design and develop modifications to LV electrical machines
UEENEEG166X	Install and maintain escalators, moving walks and treadways
UEENEEH109X	Set up and test gaming and game equipment
UEENEEH120X	Fault find and repair gaming and games equipment
UEENEEH122X	Fault find and repair remote control apparatus
UEENEEH123X	Fault find and repair microwave heating apparatus
UEENEEH136X	Design commercial video audio installations
UEENEEH158X	Design integrated security systems
UEENEEH159X	Design integrated complex security systems for multiple sites
UEENEEH174X	Troubleshoot audio - video recording equipment
UEENEEH175X	Troubleshooting in security system installations
UEENEEH179X	Diagnose and rectify faults in digital television circuits and apparatus
UEENEEH187X	Solve problems in electronic musical equipment circuits
UEENEEI128X	Set up and configure controls on complex fluid systems
UEENEEI129X	Set up electronically controlled mechanically operated complex systems
UEENEEI136X	Manage automated control systems projects
UEENEEI137X	Plan automated and control systems projects
UEENEEI143X	Develop access control of electrical integrated systems using logic-based programming tools
UEENEEI144X	Develop interfaces for multiple access methods to monitor, schedule and control an electric...
UEENEEJ108X	Recover, pressure test, evacuate, charge and leak test refrigerants
UEENEEJ153X	Find and rectify faults in motors and associated controls in refrigeration and air conditioning...
UEENEEK108X	Plan periodic maintenance schedules of remote area power supplies (RAPS)
UEENEEK111X	Assemble and connect remote area power supplies
UEENEEK117X	Maintain and repair facilities associated with remote area essential service operations
UEENEER004X	Contribute to the trial of a product application service
UEENEER005X	Contribute to intellectual property management

FINDING UNITS RECOMMENDED FOR DELETION IN DRAFT QUALIFICATIONS

When reviewing qualifications please note that units recommended for deletion will be shown as in the following diagram. They are being displayed this way so stakeholders can consider the impact of their deletion on how qualifications can be packaged.



SKILL SETS RECOMMENDED FOR DELETION

The following table lists current UEE11 Skill Sets recommended for deletion and the reason for that recommendation.

Current UEE11 Skill Set	Reason for deletion recommendation
UEESS00121X Hazardous Areas - Inspect, repair and test reeling, trailing...	Skill Sets no longer relevant under AS NZS4761.1 2018
UEESS00122X Hazardous Areas – Verifying compliance of repaired reeling...	
UEESS00059X - Attend to Breakdowns in Hazardous Areas - Coal Mining	
UEESS00060X Hazardous Areas - Carry Out Overhaul and Repair of Explosion...	
UEESS00061X Hazardous Areas - Conduct a Conformity Assessment of Explosion...	
UEESS00062X Hazardous Areas - Conduct Audit of Hazardous Areas Installations...	
UEESS00063X Hazardous Areas - Conduct Detailed Inspection of Hazardous Areas...	
UEESS00064X - Conduct Testing of Hazardous Areas Installations - Coal	
UEESS00065X Hazardous Areas - Design Explosion-Protected Electrical Systems...	
UEESS00066X Hazardous Areas - Develop and Manage Maintenance Programs...	
UEESS00068X - Install Explosion-Protected Equipment and Wiring Systems...	
UEESS00069X - Maintain Equipment in Hazardous Areas - Coal Mining	
UEESS00070X Hazardous Areas - Overhaul and Repair of Explosion-Protected...	
UEESS00071X Hazardous Areas - Plan Electrical Installations in Hazardous Areas...	
UEESS00113X – Electrical equipment in dust atmospheres	
UEESS00114X – Electrical equipment in gas atmospheres	
UEESS00115X – Electrical equipment in hazardous areas – pressurisation	
UEESS00117X Hazardous Areas – Design and Classification	
UEESS00127X - Design and Maintain Safe Hazardous Areas Installations	
UEESS00128X Hazardous Areas - Classify, Audit and Report on Hazardous Areas...	
UEESS00093X - Disconnection_reconnection of fixed wired low voltage appliance...	Specialist areas consolidated into new unit
UEESS00094X - Disconnection_reconnection of fixed wired low voltage control...	
UEESS00095X - Disconnection_reconnection of fixed wired low voltage motor...	
UEESS00096X - Disconnection_reconnection of fixed wired low voltage water...	

Current UEE11 Skill Set	Reason for deletion recommendation
UEESS00097X - Disconnection_reconnection of fixed wired low voltage compos...	Contain units that have had zero enrolments in last three years
UEESS00074X Instrumentation - Develop access control of integrated systems...	
UEESS00076X Instrumentation - Develop interfaces for multiple access methods...	
UEESS00108X Sustainable - Energy Efficiency Systems Integration	

EQUIVALENCY OF UEE QUALIFICATIONS

Qualification	Equivalent
UEE101XX Certificate I in ElectroComms Skills	Yes
UEE201XX Cert II in Split Air-conditioning and Heat Pump Systems	Yes
UEE205XX Certificate II in Computer Assembly and Repair	Yes
UEE207XX Certificate II in Data and Voice Communications	Yes
UEE209XX Certificate II in Electronic Assembly	Yes
UEE216XX Certificate II in Security Assembly and Set-up	Yes
UEE217XX Certificate II in Technical Support	Yes
UEE219XX Certificate II in Electronics	Yes
UEE220XX Certificate II in Electrotechnology (Career Start)	No
UEE221XX Certificate II in Sustainable Energy (Career Start)	Yes
UEE301XX Certificate III in Business Equipment	Yes
UEE302XX Certificate III in Computer Systems Equipment	Yes
UEE304XX Certificate III in Data and Voice Communications	Yes
UEE306XX Certificate III in Electrical Machine Repair	Yes
UEE307XX Certificate III in Switchgear and Controlgear	Yes
UEE308XX Certificate III in Electrotechnology Electrician	No
UEE309XX Certificate III in Electronics and Communications	Yes
UEE310XX Certificate III in Fire Protection Control	Yes
UEE312XX - Certificate III in Instrumentation and Control	Yes
UEE314XX Certificate III in Security Equipment	Yes
UEE320XX Certificate III in Renewable Energy ELV	Yes
UEE321XX Cert III in Appliance Service	Yes
UEE322XX Cert III in Air-conditioning and Refrigeration	Yes
UEE330XX Certificate III in Electrical Fitting	No
UEE401XX Certificate IV in Computer Systems	Yes
UEE403XX Certificate IV in Installation Inspection and Audits	Yes
UEE404XX - Certificate IV in Electrical - Instrumentation	Yes
UEE405XX Certificate IV in Electrical - Air-conditioning Split Systems	Yes
UEE406XX Certificate IV in Electrotechnology - Systems Electrician	Yes
UEE407XX Certificate IV in Electronics and Communications	Yes
UEE409XX - Certificate IV in Industrial Electronics and Control	Yes
UEE410XX Certificate IV in Energy Management and Control	Yes
UEE411XX - Certificate IV in Electrical - Lift Systems	Yes
UEE412XX Certificate IV in Electrical – Rail Signalling	Yes
UEE415XX Certificate IV in Video and Audio Systems	Yes

Qualification	Equivalent
UEE416XX Certificate IV in Renewable Energy	Yes
UEE417XX Certificate IV in Rail - Communications and Network Systems	Yes
UEE419XX Certificate IV in Electrical - Renewable Energy	Yes
UEE420XX Certificate IV in Electrical - Photovoltaic systems	Yes
UEE421XX Certificate IV in Electrotechnology - Electrical Contracting	Yes
UEE422XX - Certificate IV in Instrumentation and Control	Yes
UEE426XX Certificate IV in Hazardous areas - Electrical	Yes
UEE427XX Certificate IV in Air-conditioning and Refrigeration Servicing	Yes
UEE428XX Certificate IV in Air-conditioning Systems Energy Management and Control	Yes
UEE429XX Certificate IV in Refrigeration and Air-conditioning Systems	Yes
UEE430XX Certificate IV in Electrical Equipment and Systems	Yes
UEE431XX Certificate IV in Energy Efficiency and Assessment	Yes
UEE432XX - Certificate IV in Industrial Automation and Control	Yes
UEE501XX Diploma of Computer Systems Engineering	Yes
UEE502XX - Diploma of Electrical and Instrumentation	Yes
UEE503XX Diploma of Electrical and Refrigeration and Air-conditioning	Yes
UEE504XX - Diploma of Electrical Engineering	Yes
UEE505XX Diploma of Electronics and Communications Engineering	Yes
UEE507XX Diploma of Renewable Energy Engineering	Yes
UEE509XX - Diploma of Industrial Electronics and Control Engineering	Yes
UEE510XX - Diploma of Instrumentation and Control Engineering	Yes
UEE511XX Diploma of Engineering Technology - Refrigeration and Air-conditioning	Yes
UEE512XX Diploma of Air-conditioning and Refrigeration Engineering	Yes
UEE602XX Advanced Diploma of Electronics and Communications Engineering	Yes
UEE604XX Advanced Diploma of Computer Systems Engineering	Yes
UEE606XX - Advanced Diploma of Industrial Electronics and Control Engineering	Yes
UEE609XX Advanced Diploma of Renewable Energy Engineering	Yes
UEE612XX - Advanced Diploma of Engineering - Explosion protection	Yes
UEE617XX Advanced Diploma of Engineering Technology - Electronics	Yes
UEE618XX Advanced Diploma of Engineering Technology - Computer Systems	Yes
UEE620XX Advanced Diploma of Engineering Technology - Renewable Energy	Yes
UEE621XX - Advanced Diploma of Engineering Technology - Electrical	Yes
UEE622XX - Advanced Diploma of Electrical - Engineering	Yes
UEE623XX - Advanced Diploma of Electrical Engineering - Coal Mining	Yes
UEE624XX Advanced Diploma of Engineering Technology - Air-conditioning	Yes
UEE625XX Advanced Diploma of Air-conditioning and Refrigeration Engineering	Yes