Powering Skills Organisation Ltd

UEE Full Training Product Review

Technical Committee Briefing Note — 27 August 2026

Summary of key decisions, risks and opportunities discussed at the August 2026 Technical Committee meeting (Meeting 9).

Project Progress Update

Meeting 9 covered an extended agenda across workplace evidence Unit of Competency implementation within the UEE3082x Certificate III in Electrotechnology Electrician , the low voltage rescue and emergency response UoC which is the proposed replacement for the current UET LVR UoC within the UEE30820, restricted licensing (RL) units, EL inspection and compliance units, entry requirement and pathway options for post-trade training products, and a substantial slate of qualifications and skill sets for initial in-principle decision, spanning electrotechnology, renewable energy, systems integration, smart technology and electrical engineering disciplines.

The Committee reaffirmed general support for the four-unit workplace evidence model following stakeholder feedback, progressed several near-final restricted licensing and EL unit reviews, and reviewed a number of training products bound for early September release for initial (non-official) stakeholder feedback ahead of formal public consultation from December 2026.

Key Decisions

- **Meeting 8 minutes endorsed:** The Committee confirmed the accuracy of the previous meeting's minutes. .
- **Four-unit workplace evidence model:** General in-principal support confirmed to continue with the model. No feedback provided grounds to redesign the four-unit architecture; most concerns related to implementation rather than unit design. A fact sheet and the four updated draft units based on TC feedback will be drafted by PSO within the next two weeks and will be circulated to Committee members , for consultation with stakeholders over the following month to ensure Technical Committee members are able to return to the September 2026 TC meeting with an informed viewpoint to finalise this approach.
- **Low voltage rescue and emergency response unit:** Updated draft finalised. CPR content and ‘apply basic life support’ wording removed (duplication with the prerequisite unit), post-incident debriefing content added to performance and knowledge evidence, and assessment conditions clarified to require a realistic rescue environment. As part of the implementation of this unit, it was suggested that PSO provide, as part othe Companion Volume Implementation Guide (CVIG) a resource list outlining the minimum requirements needed for a rescue kit, noting that

each jurisdiction has slight variations on this requirement. Status: Resolved, pending final quality assurance.

- **Restricted licensing (RL) units:** Minimal changes overall. RL6 and RL8 (high voltage flexible cable and explosion-protected appliance units) supported for removal, having had no enrolments for several years; PSO to confirm with regulators if this has any regulatory impacts. RL0007 (mobile electrified machines, historically Komatsu-linked) scope under review, particularly for emerging equipment such as electric mining vehicles and electric trains; Ryan Palmer and Troy Bond to consult stakeholders including BHP and other mining companies as well as AUSMASA EV Technical Committee to ensure relevance of the unit is maintained or confirm whether the unit is required for current and future workforce needs. Status: In Principle (RL6/RL8), Deferred (RL0007).
- **EL compliance inspection units:** Units 29 and 30 (single-phase and three-phase low voltage compliance inspection) to be merged into a single unit due to substantial duplication. New units proposed for emergency supply inspection, installations exceeding 400 amps, and renewable energy system inspection, with a related renewable energy skill set under development. Status: In Principle.
- **EL01/EL02 testing units:** Retained pending further consultation; usage is jurisdiction-specific, with heavy use in Queensland and some use in the Northern Territory and Tasmania. To go to the broad SME group, regulators and industry reference groups for comment. It was noted that the regulators are the SMEs for these units of competency and therefore, review and confirmation of unit design requires support from all regulatory departments. Status: Deferred, out for consultation.
- **Entry requirements and pathways framework:** The Committee confirmed a four-category approach to entry requirements for post-trade training products: unrestricted licence, qualification/skill set/unit prerequisite, capstone or final licensing assessment, or a recognised pathway (for example overseas qualification recognition or Engineers Australia accreditation). Agreed that skill sets without entry requirements can allow apprentices to commence post-trade units early, with results held until the underlying qualification and licence are completed. Status: In Principle, wording to be finalised.
- **Advanced Diploma of Electrical Engineering:** Support confirmed for entry via unrestricted electrical licence only. Merges four existing advanced diplomas (Renewable Energy, Explosion Protection, Electrical Engineering, Coal Mining) into a single new, non-equivalent qualification of 25 units (19 core, 6 elective), aligned to Engineers Australia accreditation requirements. Status: In Principle.
- **Certificate II in Electronics:** Structure supported in principle, retaining stream-based elective choices (electronic assembly, electronic technology, data and voice, computer assembly) with a common core; unit codes changing due to package-wide rewrites, content largely unchanged. It was further noted that this qualification will be

released Thursday 3 September 2026 for initial stakeholder feedback as part of the overall strategy of transparency of training product development. Status: In Principle.

- **Certificate II in Electrotechnology:** Structure supported in principle; core unchanged from earlier drafts, with additional elective units added for First Nations energy literacy, energy generation and transmission literacy, smart home technology fundamentals, and working at heights. It was further noted that this qualification will be released Thursday 3 September 2026 for initial stakeholder feedback as part of the overall strategy of transparency of training product development. Status: In Principle.
- **Certificate IV in Systems Integration (replacing the previous audio-visual qualification):** Restructured around a lead technician/designer role across five specialisation streams (AV design, assistive technology, security technologies, system design, networking as well asproject management). Industry has endorsed the draft. It was further noted that finalisation of this qualification will now occur and the initial draft for initial stakeholder feedback will be available at the end of September 2026. Status: In Principle, proceeding to quality assurance and initial feedback release.
- **Certificate IV in Renewable Energy: The latest draft no longer has a s**treamed elective structure and is replaced with a single combined elective group for greater RTO delivery flexibility; new core unit added for supervising and mentoring in electrotechnology; solar PV and battery systems combined into a single unit. It was further noted that this qualification will be released Thursday 3 September 2026 for initial stakeholder feedback as part of the overall strategy of transparency of training product development. Status: In Principle.
- **Renewable energy grid-connect and standalone skill sets:** Two new skill sets developed under the Certificate IV in Renewable Energy: grid connected photovoltaic and battery systems, and standalone power systems (each four units: prepare, plan, install, maintain). Photovoltaic and battery competencies have been combined into a single unit; the standalone skill set requires prior completion of the grid-connected skill set. It was further noted that this skill set will be released Thursday 3 September 2026 for initial stakeholder feedback as part of the overall strategy of transparency of training product development. Status: In Principle.
- **New systems integration and smart technology skill sets:** Six new skill sets developed to support current trade workers and non-trade personnel (sales, estimators, project coordinators) moving into systems integration, smart home and building automation, and assistive technology/smart energy integration for aged care and disability accommodation settings, without requiring completion of the full qualification. It was further noted that finalisation of these skill sets will now occur and the initial drafts for initial stakeholder feedback will be available at the end of September 2026. Status: In Principle, feedback invited on ACSF level suitability.

Key Risks

- **Implementation and transition burden:** Significant guidance, fact sheets and possibly a bridging mechanism are needed for apprentices, RTOs and employers transitioning to the four-unit workplace evidence model; risk of inconsistent RTO delivery for the UEE3082x Certificate III in Electrotechnology Electrician.
- **Employer verification workload:** Greater reliance on employer sign-off within the workplace evidence model raises concern about verification workload and potential misinterpretation of requirements for the UEE3082x Certificate III in Electrotechnology Electrician.
- **Skill sets as entry pathways:** Risk of poor RTO practice around issuing or withholding units, and possible confusion between completing a unit and being licensed to carry out the associated work, given a skill set does not equal a licence where skill sets run parrell to an apprenticeship. It was further noted by the ETU that this could pose a risk to students who may be required to do additional training outside their apprenticeship by their employer, increasing workload stress on the apprentice.
- **Title and duplication confusion:** Risk of new EL compliance inspection unit titles being confused with regulator or licensing-specific compliance inspection roles.
- **Emerging equipment coverage gap:** Uncertainty over whether current RL and EL units adequately cover emerging technologies, including electrified mining and mobile plant and electric trains, without further stakeholder consultation.
- **ACSF and skill-level suitability:** Potential mismatch between the ACSF demands of new systems integration and smart technology skill set units and the intended non-trade or upskilling cohorts.
- **Consultation timeframe:** High concurrent volume of draft training products requires stakeholders to review a large body of material within a compressed public consultation window (December 2026 to March 2027).
- **Assessment conditions and mandatory workplace evidence not clearly distinguished:** ASQA engagement identified a risk that UEE30820 Certificate III Electrotechnology Electrician could be delivered wholly on-the-job or wholly in an institutional setting without breaching compliance, unless assessment conditions and mandatory workplace evidence wording are clearly separated across relevant units.
- **Grandfather clause wording unresolved:** Current wording is contradictory (an unconditional exemption immediately followed by additional conditions) and does not comply with Training Package Assurance requirements. Only one stakeholder survey response received to date; the Committee is seeking further member input via survey before redrafting.

Key Opportunities

- **Skill sets as flexible pathways:** Broader use of skill sets without entry requirements could let apprentices begin post-trade learning earlier and support qualified workers to upskill without undertaking a full qualification.

- **Consolidation of duplicated units:** Combining low voltage compliance inspection units (29/30) and other overlapping units reduces training package duplication and better reflects contemporary trade practice covering both single and three phase work.
- **New skill set areas:** New skill sets in assistive technology, smart energy integration and independent living support address a growing, currently unsupported industry area, with strong SME and stakeholder engagement.
- **Stronger regulator and licensing alignment:** Ongoing engagement with regulators and licensing authorities on RL and EL units supports removal of redundant units and improved national consistency.
- **Consolidated Advanced Diploma pathway:** Merging four advanced diplomas into a single qualification, aligned with Engineers Australia accreditation requirements, offers a clearer articulation pathway to a Bachelor of Engineering.