

Tag Committee: UEE – Specialist
Date of Meeting: 01 March 2024

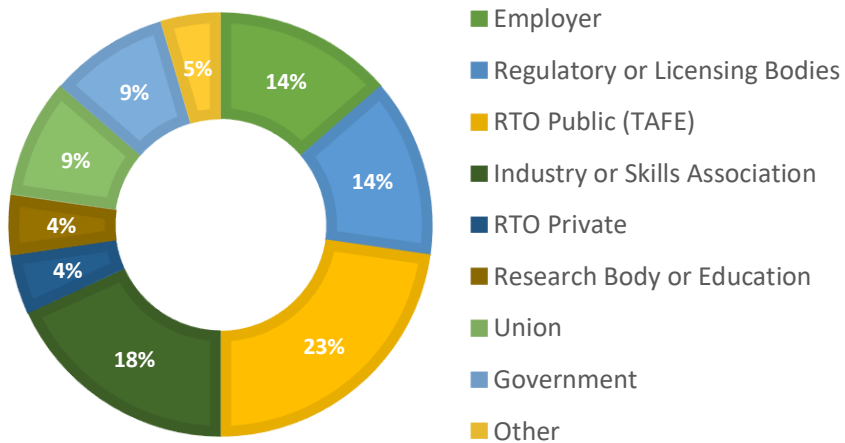
Duration: 120 minutes
Format: Online

Meeting Attendance Statistics

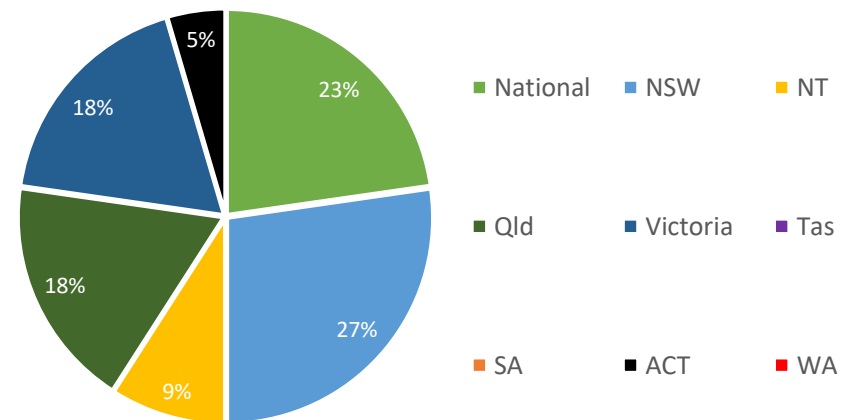
	Number	Percentages
Registered Attendees *not including PSO reps	30	N/A
Actual Attendees *not including PSO reps	22	73% of registered participants attended the meeting
Request for Advice (RfA) Respondents	13	63% of attendees filled in an RfA

Attendee Demographics:

ORGANISATION TYPE







Attendee Regions of Operation



Training Package and TAG Performance

Members are asked in the RfA to score how effective the training package is in meeting skills and workforce needs and the effectiveness of the TAG.

- The TAG Average scores are an average of all individual responses. For transparency, averages from each organisational cohort are also displayed.
- PSO will track these measures longitudinally as a performance metric. Some volatility of scores is expected until a baseline volume of longitudinal data is reached.

Scale:1 - Poor, 3 - Average, 5 - Excellent		
	UEE - Specialist TAG	All TAG Aggregate
Training Package Performance	TAG Average 3.50/5 ( 0.29) ¹	All TAG Average 3.26/5 ( 0.02) ¹
Employer	NSP*	3.33/5
Regulatory or Licensing Bodies	NSP*	3.00/5
Industry or Skills Association	3.00/5	3.21/5
Research Body or Education	NSP*	NSP*
Union	NSP*	NSP*
Government	4.00/5	4.00/5
Other	NSP*	3.00/5
RTOs (combined)	3.50/5	3.33/5
(RTO Public)	(4.00/5)	(3.24/5)
(RTO Private)	(3.30/5)	(3.52/5)
(RTO Enterprise)	(NSP*)	(3.16/5)
TAG Performance	TAG Average 3.50/5 ( 0.31) ¹	All TAG Average 3.68/5 ( 0.19) ¹
Employer	NSP*	3.56/5
Regulatory or Licensing Bodies	4.00/5	3.87/5
Industry or Skills Association	3.60/5	3.81/5
Research Body or Education	NSP*	NSP*
Union	NSP*	NSP*
Government	4.00/5	3.66
Other	NSP*	3.00/5
RTOs (combined)	3.42/5	3.64/5
(RTO Public)	(3.30/5)	(3.77/5)
(RTO Private)	(3.50/5)	(3.70/5)
(RTO Enterprise)	(NSP*)	(3.42/5)
RfA Submissions	63% of attendees submitted an RfA	61.7% of attendees submitted an RfA

NB - Longitudinal performance averages are an average of the individual participants. Organisational cohort statistics are a collated average of each individual in their organisational cohort. Overall performance averages will not equal the average of organisational cohorts.

* NSP (No Score Provided) reflects that while representatives from the cohort may have been in attendance and/or filled in a Request for Advice, they did not provide a response/ score for those particular questions.

¹ Refers to measure as compared to previous TAG

Prioritisation/Support and Action Overview

This table provides an overview of the scored RfA and stakeholder support and proposed actions related to topics discussed within a TAG meeting and RfA. More detailed themes and notes related to each topic are contained later in the report. Support levels guide PSO in identifying industry support for change, prioritising topics for action and in identifying the volume and severity of risk associated with potential change.

- **RfA Support** – Scores between 0 and 1.9 indicate low industry support and/or high risk associated with proposed change. Scores of 2 to 3.5 indicate mixed responses, medium levels of risk and further investigation required. Scores above 3.5 indicate high levels of industry support and prioritisation.
- **Stakeholder Support** – Stakeholder support is based on the level of underlying support of participants in the TAG discussion and in TAG RfA non-scored/ open text responses.
- **RTO Data** – RTO data for RfA support is averaged across private, public and enterprise RTOs to provide a single cohort score.

Qual/UOC	Question	Stakeholder Support Indicator	Proposed Actions <small>*further detail within individual topics</small>
UEECD0039	Extra knowledge components were added to the unit descriptor for UEECD0039. Previous TAG discussion and RfA submissions indicated some components may not be relevant and could be considered for removal. Which specific knowledge points do you think should be removed?	Medium	Further engagement required: PSO to adequately identify benefits, risk and requirements for change. Final changes may be best packaged with other required changes to the qualification.
Stakeholder Organisation Cohorts		RfA Support by Cohort	
This topic was not scored - qualitative insights only.			
Qual/UOC	Question	Stakeholder Support Indicator	Proposed Actions <small>*further detail within individual topics</small>
UEEIC0013 & UEEIC0015	Within the assessment requirement knowledge evidence for these units, it has been proposed to add reference to compliance with International Standard (IEC) – Programmable Controllers. It has also been proposed that offline simulation should be added. <ul style="list-style-type: none"> • Do you believe the think the knowledge evidence for these units should be updated to include reference to the international standards (IEC)? 	Medium	Actioned: PSO will explore the inclusion of the relevant International Standards within the mentioned UOC's and if it would be major or minor change. At this stage, inclusion of offline simulation does not appear supported.

	<ul style="list-style-type: none"> What are the benefits or risks of adding wording to reference compliance with IEC? <p>Do you believe offline simulation should be added to the knowledge evidence/performance?</p>		
Stakeholder Organisation Cohorts		RfA Support by Cohort	
Employer Regulatory or Licensing Bodies Industry or Skills Association Research Body or Education Union Government RTOs (Combined) (RTO Public) (RTO Private)	NSP* NSP* NSP* NSP* NSP* 5.00/5 3.00/5 (5.00/5) (2.33/5)		

Note: Support levels are indicative aggregates only and do not accurately represent the range of views expressed within the insights and feedback. Support levels will be used in conjunction with qualitative feedback and in-depth analysis of all individual comments and insights provided. Stakeholder support levels are indicative of discussion and comments within the TAG meeting and qualitative comments across the RfA. The support level range was from 1 to 5 with one being very low importance, three being average/ medium importance and five being extremely important.

Meeting Minutes Summary

Themes

- There are some issues within Rail Signalling which need to be addressed – the ETU has provided details. PSO will investigate this further.
- General acknowledgement when reviewing engagement and discussion from the previous TAG regarding Motor Winding Pathways that the pathway is important for niche sections of industry and should be an area of focus when reviewing the broader qualification and pathways.
- More industry comments and feedback would be beneficial for the group.
- The ELV subsector is generally well served by the Training Package, but there are some small tweaks that would be beneficial.
- Pre-reading and earlier distribution of agendas would enable more in-depth discussion (PSO commit to providing TAG dates and agendas with a longer lead time).
- There is concern from some members regarding ASQA's recent advice on superseded units (PSO to seek clarification and suggests members contact ASQA if they have concerns).
- A member raised that duplication of the educational content across the first half of each TAG session was frustrating for members attending multiple TAGs and should be reviewed.
- Members would like clearer visibility of the PSO decision making process and governance documents.
- Speed to implement change should remain a focus of PSO.
- Discussion should be balanced, respectful and inclusive.

Individual Topics

Topic/UOC: UEECD0039 - Provide solutions to basic engineering computational problems

Question: Extra knowledge components were added to the unit descriptor for UEECD0039. Previous TAG discussion and RfA submissions indicated some of the components may not be relevant and could be considered for removal.

The components are:

- Relevant manufacturer specifications
- Relevant job safety assessments or risk mitigation processes
- Relevant WHS/OHS legislated requirements
- Relevant workplace documentation
- Relevant workplace instruction, policies and procedures.

Which specific knowledge points do you think should be removed?

What are the risks in removing these knowledge points and how/ do we need to mitigate those risks?

Are there any unintended consequences or potential negative impacts on industry, RTO's or students related to these changes?

RfA support level: This topic was not scored - qualitative insights only.

Themes:

Members cited:

- Relevant Manufacturer Specifications and Relevant Job Safety Assessments or Risk Mitigations were identified by members as the top two knowledge points which should be considered for removal within this UOC – 60% of respondents identifying them as not relevant to the UOC.
- 20% of members cited that the knowledge points should be retained and the UOC left unchanged, no specific risk or barriers were identified.
- Relevant WHS/OHS Legislated Requirements and Relevant Workplace Instruction, Policies and Procedures were both identified by 40% of respondents for potential removal.
- Relevant Workplace Documentation had the lowest support for removal with only 20% of respondents citing it should be removed.
- There were a relatively low volume of respondents to this question. Further engagement would be beneficial before progression.

Prioritisation: Medium

Proposed Outcomes: Potential to remove the multiple knowledge points if further risk is not identified.

Actions: Further engagement is required to adequately identify benefits, risk and requirements for change. Changes may be best incorporated within larger change to the qualification.

Topic/UOC: UEEIC0013 - Develop, enter and verify discrete control programs for programmable controllers, UEEIC0015 - Develop, enter and verify word and analogue control programs for programmable logic controllers.

Question: Within the assessment requirement knowledge evidence for these units, it has been proposed to add reference to compliance with International Standard (IEC) – Programmable Controllers. It has also been proposed that offline simulation should be added.

- Do you believe the think the knowledge evidence for these units should be updated to include reference to the international standards (IEC)?
- What are the benefits or risks of adding wording to reference compliance with IEC?
- Do you believe offline simulation should be added to the knowledge evidence/performance?

RfA support:

Average of all individual scores - 3/5

Average for stakeholder cohorts – Government 3/5, RTOs 3/5. [PSO note low stakeholder cohort diversity in the scored RfA responses for this topic.](#)

Themes:

Members cited:

- That the qualification may benefit from including a reference to the international standard, but that the standard should be referenced without the number/version to ensure the UOC does not require ongoing maintenance every time the standard is updated.
- The majority of devices are already compliant with the standard, so there is little risk in updating the knowledge points.
- That aligning the UOC's with global standards would be beneficial.
- These units don't contain a range statement, it may be better to include reference to the International Standards within a newly developed range statement.
- That fault finding doesn't sit within the knowledge requirements for these UOC's (but is in the performance criteria), this is potentially a risk.
- Some members from private RTO's cited concerns regarding the cost of change and that some of their equipment may not meet the standards – this may need to be explored in more detail to identify potential unintended consequences on smaller RTO's.
- Regarding adding offline simulation as a knowledge/ performance evidence, members had split views.
- Further definition of what offline simulation would consist of was sought by the members before a final position could be provided.

Prioritisation: Medium

Proposed Outcomes: **Potential** updating of the UOC's to include reference to the **International Standards**

Actions: PSO to further explore the inclusion of the relevant International Standards within the mentioned UOC's and if it would be major or minor change. At this stage, inclusion of offline simulation does not appear supported.

*Please note: discussion and insights regarding Certificate II Career Start and Pathways will be presented in a separate paper.

Organisations in attendance

Department for Customer Service (Licensing NSW) Ashwin Sawhney	Centre for U James Pilbeam	Komatsu Kieron Hinsley and Matthew Tosolini	Federation TAFE Peter Collins
TAFE NSW Mu Zhang and Nic Bryant	ETU Sarah Brunton	Utilities & Electrotechnology ITAB NSW Tony Palladino	Charles Darwin University – TAFE Rick Baker
Queensland Electrical Safety Office Michael Heinemann and Greer Novak	Queensland Rail Greg Keep	Energy Skills Australia Mark Burgess	Box Hill Institute Steve Bryant
Sydney Trains David Mulley and Peter Woods	Canberra Institute of Technology Gregory Kempton	Future Energy Skills Michael Cullen	V Mauri, Training and Safety Consulting Veronica Mauri
Department of Employment and Workplace Relations Michelle Harding	Industry Skills Advisory Council Northern Territory Jonathan Jones		

The next UEE Specialist TAG meeting is scheduled for Friday 24th May 2024, 11am (AEST). Please register via the PSO website.

To speak with a Powering Skills Organisation (PSO) representative, receive PSO news and updates or to report an issue, concern or raise an opportunity related to the UEE, UEG, UET or UEP Training Packages, please:

[Visit our website](#)

[Log a query or request for contact](#)



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