



## MINUTES OF MEETING

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### 2021 VAF

**Held online via Teams on Behalf of Box Hill**

**Friday 3rd September 2021 (2pm to 5pm)**

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### Breakdown

Teams on Behalf of Box Hill Friday 3<sup>rd</sup> of September 2021 (2pm to 5pm)

#### 2.00PM | VAF OPENING AND INTRODUCTION – BY ADRIAN LEA

Adrian opened the proceedings and presented the agenda and guest speakers for the afternoon session.

#### 2.08PM | WELCOME – BY MICHAEL COPE (EDUCATION MANAGER (BOX HILL TAFE))

Introduction / official welcome. Michael welcomed the group and outline today's forum and guests. Michael provided some insight to Box Hills Automotive department, including: Donatation of 7 Honda vehicles and works to updated workshop with paint and refresh. A good news story with their Cert II in vehicle servicing students gain good numbers and returning as new cert III apprentices.

Adrian Lea thanked Michael for his great work in gaining the guest speakers. Adrian also acknowledged our interstate attendees and discussed our Next VAF @ gotafe covid depending.

#### 2.13PM | MINUTES OF PREVIOUS MEETING – BY ADRIAN LEA

Adrian acknowledged previous meeting minutes. (April 2021)

#### 2.19PM | WEBSITE UPDATE – BY ALAN PLATT

Alan walked through the new updated VAF website and showed members where to find information around the committee of management, minutes of meetings and upcoming initiatives. He also took the group through the VAF new online registration section with a few little bugs to be ironed out.

#### 2.31PM | TREASURES REPORT - BY PETER LAWRENCE

\$27,559.88 in working account

#### 2.35PM | "DIVERSITY IN THE WORKPLACE"

Yasara Dissanayake outline a current program *"Diversity in the workplace"* some key points were

- 50% through the project
- With 162 sites to assist people.
- Helping to discuss both metal and physical health issues
- Covid 19 impact
- Cultural changes in the workplace "enable women to enter into male dominated roles"
- Gather data for future projects





## MINUTES OF MEETING

### 2.55PM | CMM REPORT – PATRICK THORNTON

Pat Thornton discussed the following

- AUM – recreation vehicle update (mainly caravan industry)
- Case of change to deployment 8 new and revise 38 autonomous units (mainly for the mining industry) but possibly look at importing some to other streams
- VET reform to look at:
- Removing under used units.
- Borden vocational outcomes to produce transferable skills.
- Reduce complexity of qualifications.
- More set skills
- Industry to acknowledge Job function and application
- TAFEs to identify Training, skills, and outcomes.

### 3.06 0PM | PWC

Avani Sharma from PWC discussed the following

AUR- Case of endorsement

- *AUR22021 Certificate II in Automotive Accessory Fitting*
- *AUR32721 Certificate III in Automotive Electric Vehicle Technology*
- *AURETR121 Diagnose and repair electronic management, monitoring and tracking systems*
- *Discussed the process on how Trainers can be a part of future reviews.*

Alexandra Gifford from PWC discussed the following

- Reforms due to a new minister in this sector
- Changes to skills enterprises (i.e., cluster with sub areas)
- Refer to PowerPoint attached.

Adrian thanked PWC and Pat.

### 3.35 to 3.45PM | Short Break

### 3.51PM GUEST | ROD CUMMINGS AUSTRALIAN REFRIGERATION COUNCIL (ARC)

Rob discussed from ARC the following:

- Australian Refrigeration Council (ARC) is a private company established in 2005
- There are currently 110,00 licence holders
- As of the 1<sup>st</sup> of July, new rules around the end-of-life cycle
- Also, AAC02 - Refrigerant handling licence can now be achieved by any holder an Automotive Trade certificate and the completion of the below 2 units:
  - AURETU103      Service air conditioning and HVAC systems
  - AURETU104      Diagnose and repair air conditioning and HVAC components

Power point information attached



**Victorian  
Automotive  
Forum Inc.**

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T: 0419 845 586

President – Adrian Lea  
Vice President - Gavin Cribb  
Secretary – Ron Locandro  
Treasurer – Peter Lawrence

## MINUTES OF MEETING

### 4.23 PM GUEST | STEVE WRATHALL, NIGEL MULLER VACC

Steve Wrathall from the VACC discussed the following:

- A New government funded program to attract women into the automotive workforce
- This a 4-week program to be run in conjunction with TAFE and the VACC.
- Flyers to be sent out

Nigel Muller from the VACC discussed the following:

- VACC learning and assessment resources.
- Government funded and to be allocated to all TAFEs for free
- Cert II Vetis and Cert III LV AUR20 to be able for the start of 2022
- Government process to gain access to these resources with VACC to assist
- Cert III HV resources by the end of 2022 to following then by other streams i.e., paint/ panel / auto Elec
- Nigel gave a quick demo of the sites and stated that people may apply for temporary logins.
- Details of presentation attached

Adrian thanked Nigel for his presentation

### 5.00 PM GAVIN CRIBB (Action Item)

Gavin Cribb from the ACE outlined the following:

VIC Roads program of retiring vehicles older the 16 years

EOI to be forward to all TAFEs

*Vic Roads Vehicle Donation program.*

*As part of the Victoria's Road Safety Strategy 2021-2030 Vic Roads have received funding to incentivise younger drivers to scrap their older vehicles and move to safer vehicles*

#### **What are they trying to achieve with this initiative?**

*One of the outcomes of the project is to permanently remove up to 1,000 older vehicles of Victorian roads*

#### **What is classed as an older vehicle?**

*Older vehicles have been defined as vehicles aged 16 years and older with very minimal vehicle safety technology.*

*Vic Roads are looking for RTO's that may be interested in joining this initiative.*

*Please register your interest with Grant Petch, [gpetch@kangan.edu.au](mailto:gpetch@kangan.edu.au)*

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#### **5.05 pm ADRIAN LEA CLOSING**

Adrian Lea outlined the following:

The VAF scholarship for \$1000 for a new teacher to put towards completing their TAE.

Outlined a criterion which would be needed to fore fill with the VAF committee to review and announce the winner.

Adrian thanked all and acknowledge that 64 people attended today's event.

#### **5.12 PM MEETING CLOSED NEXT VAF TBC**



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## MINUTES OF MEETING

### ATTENDEES

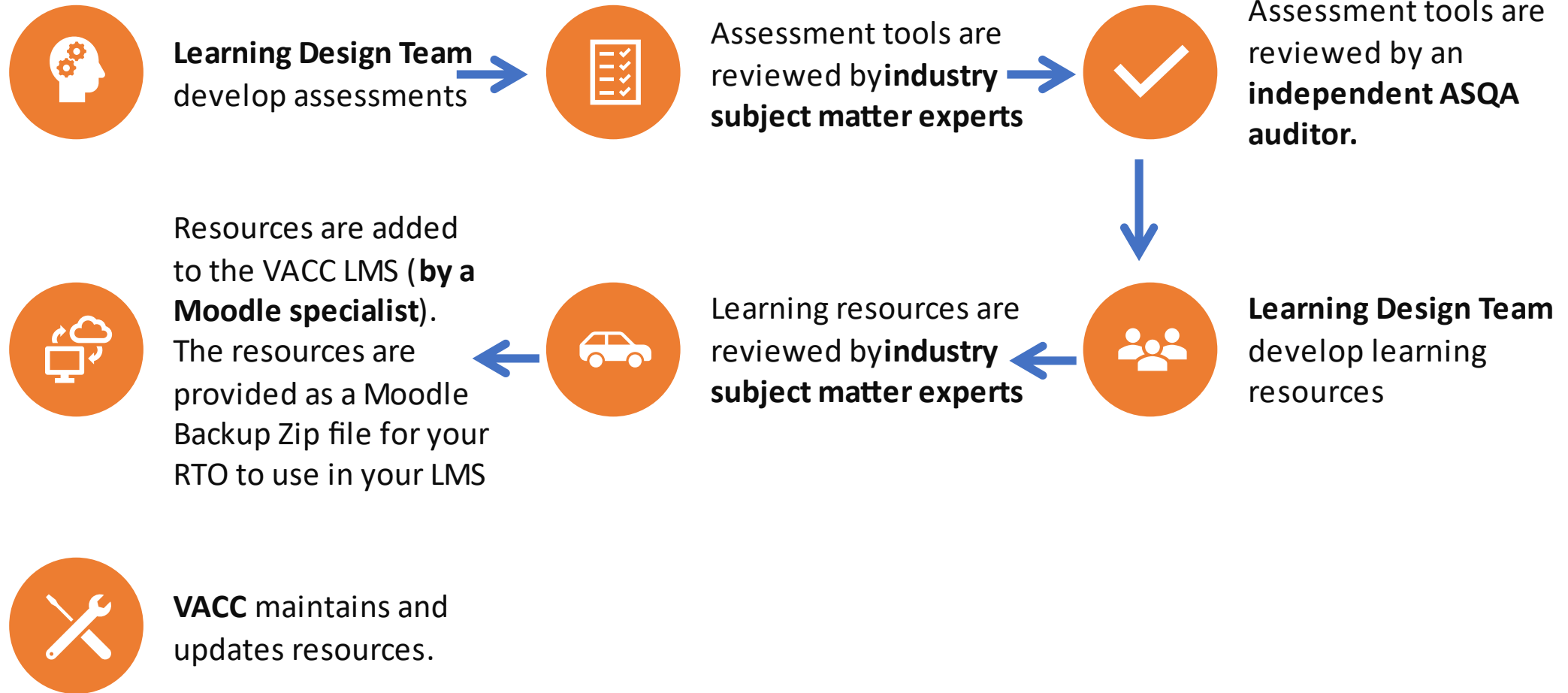
Adrian	Lea
Ron	Locandro
Jamie	Baker
Mark	Egan
Mark	Liberto
Dino	Rajapakse
Chris	Antonopoulos
Alan	Platt
Indhiran	Padayachee
Peter	Lawrence
Gavin	Cribb
Matthew	McCormack
Greg	Barker
David	Camper
Anthony	Ietto
Jake	Patt
Michael	Cope
Robert	Jasper
Pat	Thornton
Peter	Denison
Jeff	Morris
Bill	Stavrou

Dale	Roberts
Anthony	Coleman
Darren	Young
Tim	Hearn
Rex	Manks
Laurie	Thomson
Geoff	Beer
Bill	Evans
Jeo	Rachele
Mark	Ward
Garry	Russell
Tim	Kohn
Marc	Earnshaw
Russell	Forster
Mark	Wheeler
John	Ackerley
Derek	Poulton
Ash	Kirkwood
Steve	Heristanidis
Leslie	CeToupe
Wayne	Stephens
Debbie	Joyce
Rod	Sparrow
Peter	McLeod
Jason	Nijk
John	McManus
Scott	Cato
Ian	Dubbeld
Fabio	Cinerari

Russell	Knight
Carl	Gibson
Steve	Williamson
Rinaldo	Marino
Michael	Barlow
Morris	Keiser
James	Stenhouse
Ranjit	Nargri
James	Bagley
Carl	Ludeman
Paul	Forbes
Robert	<u>Mugavin</u>
Brett	Kynnersley
Mark	Cunningham
Peter	Cartwright
Jennifer	Ebert
David	Adams



# The VACC development process (involves learning, automotive and Moodle specialists)



**AUR20720 Units to be developed by January 2022**

AURASA102	Follow safe working practices in an automotive workplace	Core	20
AURTTK102	Use and maintain tools and equipment in an automotive workplace	Core	20
AURLTA101	Identify automotive mechanical systems and components	Core	25
AURETR103	Identify automotive electrical systems and components	Core	25
AURAF104	Resolve routine problems in an automotive workplace	Core	20
AURAF103	Communicate effectively in an automotive workplace	Core	20
AURAEA002	Follow environmental and sustainability best practice in the automotive workplace	Core	25
AURETK003	Operate electrical test equipment	Elective	40
AURETR006	solder electrical wiring and circuits	Elective	20
AURETR115	Inspect, test and service batteries	Elective	10
AURTTA127	Carry out basic vehicle service operations	Elective	40
AURTTB007	Remove and replace brake assemblies	Elective	20
AURTTE008	Dismantle and assemble multi -cylinder four-stroke petrol engines	Elective	40
AURLTJ113	Remove, inspect, and refit light vehicle wheel and tyre assemblies	Elective	20
AURTTE007	Dismantle and assemble single cylinder four-stroke petrol engines	Elective	40

AURVTW010	Set up and use welding equipment (Replace clean vehicles) April ETA	Elective	40
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### AUR30620 units to be developed by February 2022

AURASA102	Follow Safe Working Practices in an Automotive Workplace	Core	20
AURAEA002	Follow Environmental and Sustainability Best Practice in The Automotive Workplace	Core	25
AURTTK102	Use And Maintain Tools and Equipment in An Automotive Workplace	Core	20
AURTTA104	Carry Out Servicing Operations	Core	20
AURTTE104	Inspect And Service Engines	Core	20
AURTTB101	Inspect and Service Braking Systems	Core	20
AURTTF101	Inspect & Service Petrol Fuel Systems	Core	25
AURETR125	Test, Charge and Replace Batteries And Jump-Start Vehicle	Core	15
AURETR112	Test And Repair Basic Electrical Circuits	Core	40
AURLTB103	Diagnose And Repair Light Vehicle Hydraulic Braking Systems	Core	40
AURTTA118	Develop and Carry out Diagnostic Test Strategies	Core	20
AURLTD104	Diagnose & Repair Light Vehicle Steering Systems	Core	30
AURLTD105	Diagnose & Repair Light Vehicle Suspension Systems	Core	30
AURLTZ101	Diagnose And Repair Light Vehicle Emission Control Systems	Core	20

AURTTC103	Diagnose And Repair Cooling Systems	Core	20
AURETR129	Diagnose And Repair Charging Systems	Core	30
AURETR130	Diagnose And Repair Starting Systems	Core	30
AURETR131	Diagnose And Repair Ignition Systems	Core	30
AURLTE102	Diagnose & Repair Light Vehicle Engines	Core	60
AURETR123	Diagnose And Repair Spark Ignition Engine Management Systems	Core	60

AURAF103	Communicate Effectively in An Automotive Workplace	Elective	20
AURTTF102	Inspect and Service Diesel Fuel Injection Systems	Elective	20
AURTTX103	Inspect and service automatic transmissions	Elective	10
AURLTJ102	Remove, Inspect, Repair and Refit Light Vehicle Tyres and Tubes	Elective	40
AURLTQ102	Diagnose & Repair Light Vehicle Drive Shafts	Elective	20
AURETR011	Install Basic Ancillary Electrical Systems and Components	Elective	40
AURLTF102	Diagnose & Repair Light Vehicle Diesel Fuel Injection Systems	Elective	50
AURLTX103	Diagnose And Repair Light Vehicle Clutch Systems	Elective	30
AURLTX101	Diagnose & Repair Light Vehicle Manual Transmissions	Elective	40
AURTTF105	Diagnose And Repair Engine Forced-Induction Systems	Elective	15

AURETR124	Diagnose And Repair Electronic Compression Ignition Engine Management Systems	Elective	50
AURETR122	Diagnose And Repair Vehicle Dynamic Control Systems	Elective	70
AURETR143	Diagnose And Repair Electronic Body Management Systems	Elective	40
AURETR144	Diagnose And Repair Integrated Engine and Transmission Management Systems	Elective	50
AURETR132	Diagnose & Repair Automotive Electrical Systems	Elective	80
AURLTX102	Diagnose & Repair Light Vehicle Automatic Transmissions	Elective	50
AURETR010	Repair wiring harnesses and looms	Elective	20
AURACA101	Respond To Customer Needs and Enquiries In An Automotive Workplace	Elective	20
AURETU103	Service air conditioning and HVAC systems	Elective	25
AURETU104	Diagnose and repair air conditioning and HVAC components	Elective	35

# VACC automotive training and assessment resources

Developed by industry for industry

- Focused on **practical tasks** to **develop skills**
- Easy to **navigate**
- Designed by **industry subject matter experts, learning designers** and a **Moodle specialist**

## Learning content

- Custom high-quality resources
- Content follows a logical sequence
- Information is 'chunked' to aid learning
- Written in clear, easy-to-understand language
- Includes technical drawings, images and videos

## Learning tasks

- Aligned to the assessment tasks to maximise student outcomes
- Student and assessor versions

## Assessment

- Developed by industry experts and automotive learners
- Student and assessor versions
- Mapped to the unit of competency
- Reviewed by an independent ASQA auditor





VACC apprentice training and assessment resources - the development process



VACC Learning Design Team develop assessments aligned to units of competency and current industry practice



Assessment tools are reviewed by VACC industry subject matter experts



Assessment tools are reviewed by an independent ASQA auditor



VACC Learning Design Team develop learning resources aligned to assessments to maximise student outcomes



Learning content is reviewed by VACC industry subject matter experts



Resources are provided to your RTO to plug into your own LMS



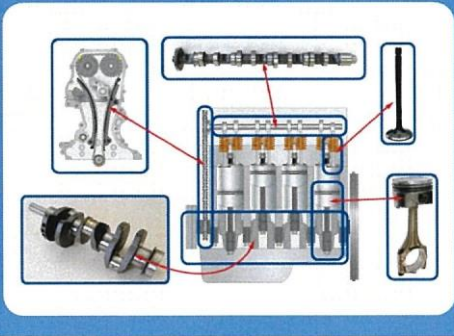
VACC maintains and updates resources

ASSESSMENT TASK 2

Section B - Observation checklist

Marking criteria	Satisfactory		Comments
	Yes	No	
<b>Pre-Job Tasks</b>			
1. Read the job can and accurately described the requirements to the assessor and asks questions for clarification	<input type="checkbox"/>	<input type="checkbox"/>	
2. Located correct manufacturer in the job card	<input type="checkbox"/>	<input type="checkbox"/>	
3. Inspected area, equipment and vehicle for hazards and risks were managed as per Safety procedures and recorded on the service checklist	<input type="checkbox"/>	<input type="checkbox"/>	
4. 11. Selected appropriate tools and equipment for the task, checked they were working correctly as per workplace procedures	<input type="checkbox"/>	<input type="checkbox"/>	
b. The student correctly answered the following question: What is your work place procedure for identifying, tagging, and isolating faulty wiring?	<input type="checkbox"/>	<input type="checkbox"/>	
5. The student was able to correctly explain the operation of the four stroke spark plug igniter engine referring to the diagram provided by their assessor	<input type="checkbox"/>	<input type="checkbox"/>	
6. Student correctly answered the following: a. Identify a precaution you must take to avoid rotating components b. Identify a precaution you could take to avoid injury from hot components	<input type="checkbox"/>	<input type="checkbox"/>	
7. Student correctly answered the following: Before you change the engine oil, describe how you will catch the waste engine oil and store it?	<input type="checkbox"/>	<input type="checkbox"/>	
8. Student correctly answered the following: What disposal method is best for your waste oil?	<input type="checkbox"/>	<input type="checkbox"/>	
a. Identify a precaution you must take when working with high energy ignition systems and high voltage injector systems?	<input type="checkbox"/>	<input type="checkbox"/>	
b. Identify a precaution you must take when working with high voltage injector systems?	<input type="checkbox"/>	<input type="checkbox"/>	

High quality technical drawings, animations and video



# Victorian Automotive Forum 2021





# Agenda

#	Agenda Item	Time allocated
1	<b>Training Package update since last VAF</b> <ul style="list-style-type: none"><li>a) AUR Release Version 6.0 - November 2020<ul style="list-style-type: none"><li>○ Incl. transition extension request updates</li></ul></li><li>b) AISC direction on zero-enrolment deletions - May 2021</li></ul>	10 mins
2	<b>Current Automotive training package projects update</b> <ul style="list-style-type: none"><li>a) High level summary of projects and phases</li><li>b) Invitation to contribute, timeline and next steps</li></ul>	5mins
3	<b>Other matters</b> and questions	5 mins

# Accessory Fitting - Overview of project scope

## what is being proposed?

Accessory fitting is a sought-after job role by employers but there is no clear pathway within the training package that would lead apprentices to it as an occupational outcome. Feedback suggests the creation of an AQF level 2 qualification (i.e. Certificate II) leading to an entry-level job role and supporting units of competency to reflect the skills and knowledge required of an Accessory Fitter.

PwC's Skills for Australia is seeking industry input on the following draft training products to understand the skills and knowledge required of the role of an entry-level accessory fitter in the Automotive industry:

### New qualification

AUR22021 **Certificate II** in Automotive Accessory Fitting



### Updated units of competency

- AURLTD101 Select and install performance enhanced **suspension system** products
- AURVTN112 Install vehicle **sunroofs**
- AURVTT119 Fabricate and install automotive and marine **frames, canopies and side curtains**

3

### New units of competency

- AURETR049 Install and modify **in-car entertainment and convenience systems**
- AURLTD008 Replace and refit vehicle **steering and suspension** components
- AURVTN043 Install **protection equipment** to vehicles

# Battery Electric Vehicle - Overview of project scope

## What is being proposed?

The current training package does not provide a viable skilling pathway for technicians whose work primarily involves working with battery electric vehicles. Feedback suggests the creation of an AQF level 3 qualification (i.e. Certificate III) related to battery electric vehicles with two streams - one dedicated to light vehicles and the other to heavy vehicles. Two new units of competency have been created as part of this project, related to battery electric vehicle repair skills.

PwC's Skills for Australia is seeking industry input on the following draft training products to understand the skills and knowledge required for those working with battery electric vehicles in the Automotive industry:

### New qualification

AUR32721 **Certificate III** in Automotive Electric Vehicle Technology



2

### New units of competency

- AURETH015 Diagnose and repair heavy electric vehicle **rechargeable energy storage systems**
- AURETH016 Diagnose and repair complex faults in **battery electric vehicle powertrains**

# Heavy Vehicle Telematics - Overview of project scope

## What is being proposed?

Working with telematics systems and their associated technology also requires the underlying skills and knowledge required to work with advanced digital technology that is currently unrepresented in the training package. The skills gaps in the AUR Training Package in relation to emerging technologies pose a major safety concern due to the lack of industry awareness about their functions and interactions with vehicle safety systems. Feedback suggests the need to create new units of competency that would cover the application of this technology in different heavy vehicle sectors such as precision agriculture, commercial road transport, and mobile plant machinery.

PwC's Skills for Australia is seeking industry input on the following draft training products to understand the skills and knowledge required of those working with heavy vehicle telematics systems in the Automotive industry:

### Updated unit of competency

- AURETR121 Diagnose and repair **electronic management, monitoring and tracking systems**

3

### New units of competency

- AURETR051 Diagnose and repair **precision agriculture systems**
- AURETR052 Diagnose and repair **commercial road transport** electronic management systems
- AURETR053 Diagnose and repair **mobile plant electronic management systems**

# Get Involved | 2021 Automotive Projects

## What projects can I get involved in?

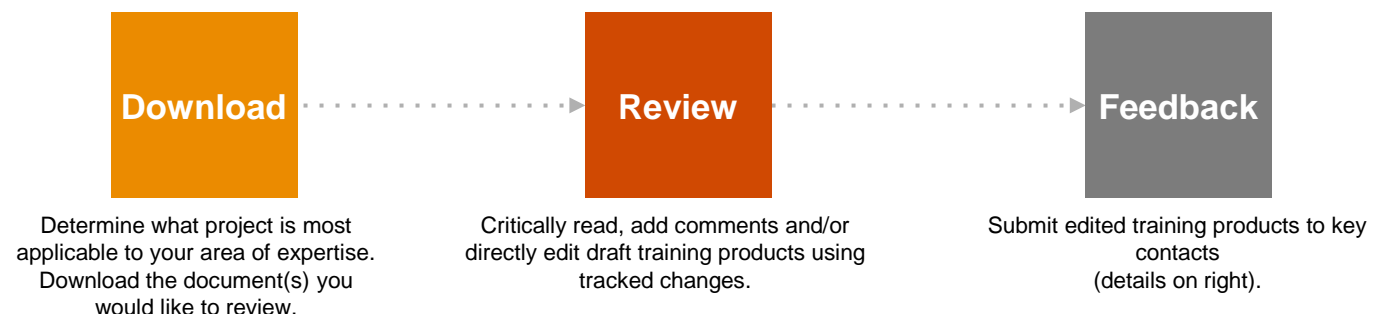
PwC's Skills for Australia is seeking input from **industry representatives, peak bodies, trainers/training providers, subject matter experts, recruiters and anyone with an interest or expertise in the projects.**

The three projects available for your participation, include:

- **Accessory Fitting:** New units of competency and one qualification have been created to meet a skills gap for an automotive accessory fitter. Existing units of competency have also been reviewed and updated remove outdated industry standards.
- **Battery Electric Vehicles:** New units of competency and one qualification have been created to service a new emerging job role of a battery electric vehicle technician which is yet to be fully represented in the AUR Training Package.
- **Heavy Vehicle Telematics:** New units of competency have been created and existing units of competency have been reviewed to meet the skills and knowledge required to diagnose and repair a diverse range of telematics systems

The three projects seek to develop training products that better match the needs of a changing workforce with rapid advancements in technologies. These training products are not represented or clearly defined in the AUR Automotive, Retail, Service and Repair Training Package.

## How can I provide feedback?



## When can I provide feedback?

The draft training products will be available for review from **Friday, 30 April 2021** until **Monday, 31 May 2021**.

## Need to reach out?

**Please contact:**

Avani Sharma

E: [avani.sharma@pwc.com](mailto:avani.sharma@pwc.com)

*Note: All proposed training product drafts are subject to change as guided by feedback received during all review periods.*

Stay in touch



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# Thank you

[pwc.com](https://pwc.com)

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# C MM Report

Victorian Automotive Forum

3 September 2021



# Updates

- MSM Recreational Vehicle Update
  - New RII Autonomous units
  - VET Qualification Reform

# Autonomous Units

- The latest release of RII Resources and Infrastructure Industry Training Package contains a number of units for autonomous machinery.

# Autonomous Units

<b>RIIARO301</b>	<b>Work safely in autonomous environments</b>
<b>RIIARO302</b>	<b>Work safely with remotely piloted aircraft systems</b>
<b>RIIARO303</b>	<b>Operate equipment in autonomous environments</b>
<b>RIIARO304</b>	<b>Coordinate and interact with autonomous systems</b>
<b>RIIARO305</b>	<b>Build and maintain routes for autonomous operations</b>
<b>RIIARO306</b>	<b>Respond to obstructions to autonomous operations</b>
<b>RIIARO307</b>	<b>Activate and deactivate autonomous systems</b>
<b>RIIARO401</b>	<b>Supervise autonomous operations</b>

# VET Qualification Reform

## Aim

- Remove under-utilized qualifications and units
- Broaden vocational outcomes – produce transferable skills.
- Reduce complexity of qualification and unit structure

# Qualifications Reform Survey now open!

- Good afternoon
- 
- The [Qualifications Reform Survey](#) has opened.
- This survey seeks your feedback on how new qualification design concepts might work in practice. It follows our previous Qualifications Design Survey, which revealed strong support for the design concepts being tested through Qualification Design Trials.
- Everyone is welcome to complete the survey. We are particularly interested in feedback from those in the VET sector involved in the design, development and delivery of national training products.
- We will hold webinars over September to share information about the new qualification design concepts. We will contact you when registrations open.
- You can complete the [survey](#) before **10am (AEDT) Monday 20 September 2021**
- **Want to know more?**
- If you would like more information on Skills Reform visit [skillsreform.gov.au](https://skillsreform.gov.au). To receive further updates on opportunities to provide your feedback, including news about upcoming [webinars here](#).
- 
- Kind regards
- Skills Reform Engagement Team

# VET Qualification Reform

- New structure will be trialled by the three Skills Organisation Pilots

## Skill Sets

- Greater flexibility for industry needs through Skill Sets/Micro Credentialing

# VET Qualification Reform

## Interesting points

- Industry will identify job function
- Educators/TAFE identify what is required to meet job requirements.

I look forward to the opportunity of meeting and working with you all in the future - I know our paths will inevitably cross.

Regards,  
*Pat Thornton*





# Victorian Automotive Forum Inc. 2021

## Who is the ARC?

- ▶ A Private Company (NFP)
- ▶ Headed by the RAC industry Board
- ▶ RIB consists of 3 Mobile, 3 Stationary Directors and the ARC CEO.
- ▶ The ARC have successfully since 2005 administered the Federal Government's Department of the Environment's License Scheme to the RAC industry under a regularly tendered service agreement
- ▶ Currently we have around 110,000 licensed holders.
- ▶ Around 70 permits/licenses are cancelled each year.
- ▶ What does this all mean to the RTO and the Trainer?

# MOBILE INDUTRY SECTOR UPDATES

- ▶ **Mining sector** – release of wall chart and information booklet to mining industry players on the importance reducing emission through proper and regular maintenance procedures
- ▶ **Currently working in conjunction with the Victorian Government and more importantly the EPA**, From 1 July 2021, **new environmental laws** come into effect that focus on the prevention of harm to the environment and human health from pollution and waste. The centerpiece of these new laws are duties relating to environment protection, particularly the General Environmental Duty (GED).
- ▶ **Automotive IRC( light Vehicle)** Recently updated and endorsed AUR T.P.
- ▶ We have provide the IRC with draft versions of UoC in the safe handling and the use on scheduled/controlled refrigerants R1234yf & R744 (CO2).
- ▶ **Stakeholder discussions** centered around EV's and what does this look like in the future.

# MOBILE LICENSE UPDATES

## ▶ RRR10 & ACC02

- ▶ **RRR10 - Restricted refrigeration and air conditioning license (Recovery)**
- ▶ Required Qualifications(Recovery)
- ▶ Successful completion of a knowledge assessment and practical component for **RAC** and **Auto**, as demonstrated to an approved assessor, or
- ▶ **AURSS00045 Vehicle Recovery Skills Set or its unit AURETU002 Recover vehicle refrigerants; or the previous AURSS00022 Vehicle Recovery Skills Set or its unit AURETU002 Recover vehicle refrigerants, and**
- ▶ UEERA0095 Recover refrigerant from stationary self-contained end of life decommissioned equipment

# MOBILE LICENSE UPDATES Cont.

- ▶ **ACC02 – Refrigerant Handling License**
- ▶ Individuals who attain any of the following requirements will be considered eligible to obtain an Automotive Air Conditioning License on the condition they include the following units
  - AURETU003** (previously AURETU2003) Service air conditioning and HVAC systems and
  - AURETU004** (previously AURETU2004) Diagnose and repair air conditioning and HVAC systems
  - AUR20416** (previous AUR20412) Certificate II in Automotive Electrical Technology
- ▶ AUR21416 (previous AUR21412) Certificate II in Automotive Cooling System Technology
- ▶ AUR30316 (previous AUR30312) Certificate III in Automotive Electrical Technology
- ▶ AUR30416 (previous AUR30412) Certificate III in Agricultural Technology
- ▶ AUR30616 (previous AUR30612) Certificate III in Light Vehicle Mechanical Technology
- ▶ AUR31116 (previous AUR31114 or AUR31112) Certificate III in Heavy Commercial Vehicle Mechanical Technology
- ▶ AUR31216 (previous AUR31212) Certificate III in Mobile Plant Technology
- ▶ AUR31416 Certificate III in Automotive Diesel Fuel Technology
- ▶ AUR31516 Certificate III in Automotive Diesel Engine Technology
- ▶ AUR31716 (previous AUR31712) Certificate III in Forklift Technology
- ▶ **Or for one of the Automotive trades listed above achieved prior to AUR05 (2005):**
- ▶ **Successful completion of an Apprenticeship eg., Proficiency Certificate; or**
- ▶ **Trade Recognition Certificate or**
- ▶ **Trade Certificate with a Trade Outcome and evidence of automotive industry experience**

# COMPLIANCE

- ▶ The ARC conducts around 6000 + Permit Condition Checks ( Audits) Annually (Nationally)
- ▶ The mobile sector accounts for around 50% of permits administered to date.
- ▶ NATIONALLY.
- ▶ The following information is from our 2020-2021 year.
- ▶ 5598 PCC completed with a compliance rate of 60.3%
- ▶ 2902 were mobile sector permits with a compliance rate of 60.6%
- ▶ Top 3 NC issues , No Leak test records, No RHL staff records and not all staff handling are licensed.
- ▶ VICTORIA.
- ▶ 464 were mobile sector permits completed with a compliance rate of 66.2%
- ▶ Top 3 NC issues , No RHL staff records, Has disposable cylinders in their possession and has not included RTA # on all invoices.



AUSTRALIAN  
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# Equipment required for RTA





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# Frequently asked Questions.



# FAQ

- ▶ Q. Audit documentation filling out audit records amounts of refrigerant recording bulk amounts bought etc?

The ARC website has many reporting templates in both electronic and paper based are available  
[Click Here](#)

- ▶ Q. Gas bottles is there guideline for storage/transporting in vehicles ?

Refer the caller to their CoP and Fact Sheet 2 for further information.

- ▶ Q. Where can equipment be purchased?

A reputable refrigeration wholesaler company

- ▶ Q. Can used equipment be purchased from another business ?

In short yes you can, this ~~int~~ challenges if it is linked to another RTA. It will need to be de lin via some communication first.

- ▶ Q. How long is the life of a recovery bottle ?

These types of cylinders normally have a life span of 10 years. An authorised pressure vessel will determine its future life span these are to be inspected and tested for their integrity every 10 years.