



INSTITUTE OF THE
MOTOR INDUSTRY
Driving the industry since 1920

Delivering IMI Vocational and Technical Qualifications in Scotland 2020/21



Agenda

- Introduction
- Recap on the delivery of Vocational Qualifications through COVID-19
- Best practice for delivery
- Next steps
- Business Development update
 - TechSafe
 - Vocanto



INSTITUTE OF THE
MOTOR INDUSTRY
Driving the industry since 1920

www.theimi.org.uk/landing/covid-19

@The_IMI

Panellists



Adrian Stevenson MIMI

External Quality
Manager - North



Grant Kidger MIMI

External Quality
Assurer - North



Chris Cotterill MIMI

UK Business
Development Manager



INSTITUTE OF THE
MOTOR INDUSTRY
Driving the industry since 1920

Delivery of Vocational Qualifications through COVID-19

The IMI have made standardised [flexible](#) amendments across the board:

- IMI has engaged with the Scottish regulator to confirm the adjustments to the strategy
- Changing the way in which a qualification is quality assured, for example allowing for a more flexible approach
- Following government guidelines – operate transparently with other Awarding Organisations
- Bespoke support given to IMI Centre's through webinars and utilisation of virtual platforms
- [COVID FAQ](#)



INSTITUTE OF THE
MOTOR INDUSTRY
Driving the industry since 1920

Academic year 2019/20 – Knowledge

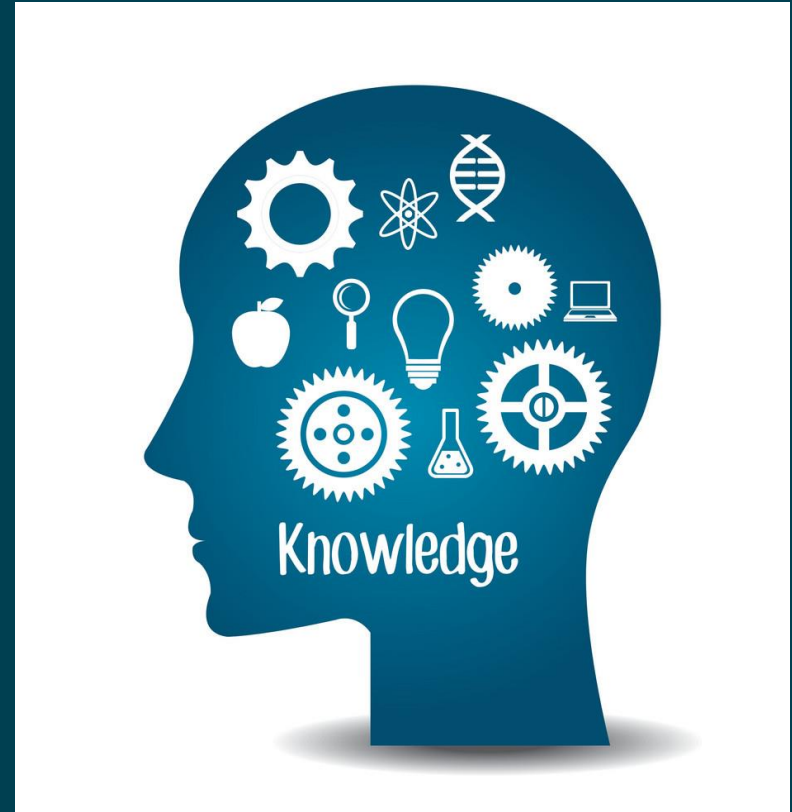
Knowledge

- Completed the on-line examination as normal?

If not completed, then adaptive methods have been:

- Utilisation of IMI written assignments to meet knowledge requirements
- **New** IMI remote online invigilation process was made available
- Utilise Previous Recognised Prior Learning **
- If candidates are coming in to centres then the normal process can be used and is still available

**This may be utilising assignments or assessments from other qualifications/units the learner has completed. The centre will need to ensure that the learning outcomes of the previous learning meets the present learning requirement and will be the centres responsibility to prove this is the case.



INSTITUTE OF THE
MOTOR INDUSTRY
Driving the industry since 1920

Academic year 2019/20 – VRQ's Skills

VRQ's Skills (Practical Tasks) examples being:

- Utilising previously practiced skills and enhanced by a Professional Discussion (SCQF5 and above)
- Utilising SVQ diverse evidence with assessor Q & A to confirm
- Utilising SVQ observations
- Using a professional discussion in place of a practical demonstration (SCQF3 only)
- Previous recognised prior learning
- Diagnostic skills tasks in a virtual environment enhanced with a professional discussion



Academic year 2019/20 – SVQ Competence

SVQ's Competence (work based evidence) examples being:

- Previous recognised prior learning
- Remote Observation (live)
- Direct Simulation in the workplace
- Direct Simulation in the training centre
- Employer Witness Testimony, backed up with a professional discussion (audio, video, written)



INSTITUTE OF THE
MOTOR INDUSTRY
Driving the industry since 1920

Remote Observation

Remote observed assessment constitutes:

- The assessor will be required to carefully plan the assessment with the employer, mentor and the learner
- The video images are of sufficient quality and sound, with a stable internet connection
- There is a requirement to record all of the assessment, with recorded timing of the critical stages
- Generation of evidence without direct supervision and/or observation of an assessor
- To ensure health & safety is adhered to supervision of learner performance by the mentor is recommended
- Assessor judgments must be completed on the day with documented feedback to the learner
- All recording must be made available for internal and external audit

Remote Observation

The use of direct observation from a remote location is permitted as long as the centre seeks and receives the approval of their awarding organisation prior to its use and the awarding organisation discusses and agree this with the IMI prior to its use.



INSTITUTE OF THE
MOTOR INDUSTRY
Driving the industry since 1920

Remote Invigilation of Online Assessment

Remote invigilation EQ13

- Send a Centres Hub Enquiry Form to your IMI External Quality Assurer for the purpose of approving you
- The Centre Coordinator must add details of the assessment to a new Centres Hub Enquiry Form a minimum of 5 working days before the assessment, with your EQA notified
- Invigilators may only conduct invigilation on a 1 to 1 basis irrespective even if the system has the capability of multi candidates being invigilated. Whilst IMI recognise this may become onerous; the ruling is to ensure that the invigilator may monitor the candidate activity effectively and also to reduce the risk of candidate and or centre malpractice.
- It is the responsibility of the centre staff who will be invigilating online assessments remotely, to ensure that candidates have access to a remote system and it is tested prior to the time and date scheduled.
- Please note that remote invigilation can take place in a location outside of an approved centre (such as at the learner's home or an employer's premises).
- It ensures that the learner completes the assessment under the required conditions so that the AO
- Proctoring Exams - The IMI are now looking into the proctoring of IMI online examinations.



Candidate Assessment Summary forms (CAS)

- All IMI current qualification have a CAS form available to download
- These should be used ongoing to show your learners developments
- The CAS form details any ROC that must be observed
- Stretch and challenge units completed last
- Ensure chosen units align with SVQ and VRQ

DOCUMENTS

- [Alternative Evidence Sheets for G0102, G3 and G4 S](#)
- [IMI VRQ Qualification Specification Part A](#)
- [L2 Body Repair Assessment Criteria Part B](#)
- [L2 Body Repair Candidate Assessment Summary](#)
- [L2 Body Repair Practical Assessments](#)
- [L2 Body Repair Teaching Programme 01-09-10](#)
- [L2 Body Repair Written Assessments](#)



CANDIDATE ASSESSMENT SUMMARY

Diploma in Light Vehicle Maintenance and Repair Principles
at SCQF Level 5
SQA I.D: R498 04

All 16 Mandatory Units must be completed and 1 Optional Unit.

Minimum credit points = 78

Maximum credit points = 83

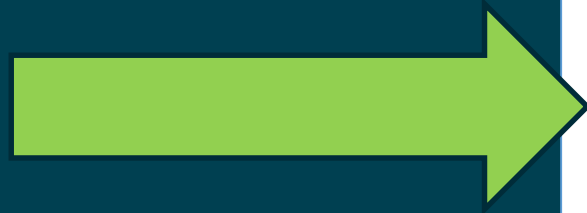
Candidate Name			Candidate Reg No			
MANDATORY UNITS						
Unit Ref:	Unit Title & I.D Number		Units Chosen (Tick)	Date Completed	Assessor PIN	Credit Points
ScG0102K	Knowledge of Health, Safety and Good Housekeeping in the Automotive Environment (U737 04)		✓			3
	Written Assessment					
	Online Test					
ScG0102S	Skills in Health, Safety and Good Housekeeping in the Automotive Environment (U752 04)		✓			7
	Practical Assessment					
	Practical Assessment					
	Practical Assessment					



INSTITUTE OF THE
MOTOR INDUSTRY
Driving the industry since 1920

Ofqual regulated qualifications

- Identified Skills and Knowledge unit completion
- Example shows LV01S & LVO1K
- ROC demands certain 'unit set' requirements
- Example – Group C – A minimum of 15 Credits from 3 sets
- Record completion on-going



IMI Level 2 Diploma in Vehicle Fitting Principles

A minimum of 51 credits must be achieved of which 43 credits must be achieved at Level 2 or above for this qualification.

Group A: 29 credits from the 6 Mandatory Units.

Group B: A minimum of 7 credits from 1 'set' (ensuring both the knowledge and skills units are achieved from the set e.g. VF02K and VF02S)

Group C: A minimum of 15 credits from 3 'sets'

Please Note - a 'set' example is shown below.

The learner is required to **complete both** the '**S**' = Skills and the '**K**' = Knowledge, in order to meet the qualification requirements of each Unit in this qualification – this is referred to as a 'set'.

LV01S	Part A	Skills in Routine Light Vehicle Maintenance (H/601/3871) **** EXAMPLE ****			2
		Practical Assessment			
LV01K	Part B	Knowledge of Routine Light Vehicle Maintenance (F/601/3716) **** EXAMPLE ****			3



INSTITUTE OF THE
MOTOR INDUSTRY
Driving the industry since 1920

VRQ practical tasks

- Ensure learner write-ups are detailed
- That all boxes are used
- Ensure completion before moving on to the next one
- Record factual feedback and advice
- If practises were conducted, keep evidence of these as well
- Images taken will support completed task sheet
- Grouping units – steering and suspension tasks completed together

UNIT REF: ScARB02.1S		LEARNER SUPPORT MATERIAL TASK SHEET 2 UNIT TITLE: SKILLS IN REMOVING AND FITTING NON-PERMANENTLY FIXED VEHICLE BODY PANELS	
Learner Name:		Date of activities (may be more than one):	
Vehicle/Rig details			
Reg. No:		Approx. year:	
Make:		Model:	
VIN No:			
Customer Request:			Tick tasks carried out (✓)
1. Remove and refit a non-permanently fixed door using manufacturer's approved methods			
Brief description of work carried out and recommendations for repair:			
Protective Personal Equipment (PPE) worn and special precautions taken:		Technical data used to complete task:	
Special tools used including any calibration required:		Further faults found:	

Improved learner tracking

- Ensure the practice and achievement of individual learners as well as group achievement is recorded
- Ensure tasks are fully written up / completed before moving on
- Scheme of work is being followed, with the internal quality assurance sampling plan aligned
- Claiming of the Level 5 before progressing onto the Level 6 or 7 qualification

IMI Level 1 Diploma in Transport Maintenance											
				Group A				Group B			
Candidate Name	Candidate Number	Start Date	Registration Date	L1MV01	L1MV02	L1MV03	Online Assessment	L1MV04	ET133	L1MV66	L1MV8
A B	*****		10/8/2019								
C D	*****		10/9/2019	1	1	1					
E F	*****		10/10/2019								
G H	*****		10/11/2019								
I J	*****		10/12/2019								
K L	*****		18/05/2020								



In-progress Internal Quality Assurance

- Increased 'in-progress' sampling, which allows for the identification of completed units
- Quality assurance sampling plan aligned to the scheme of work
- Communication and supportive feedback between the Internal Quality Assurer & Assessor
- Detailed and factual reporting
- Closed off reporting – SMART time lines for completion of actions
- Sign off completed units and qualifications



ePortfolios

- Now is the time to move over from paper portfolios to an ePortfolio system
- Improved tracking of learners
- Flexibility for the learner to gather and upload evidence
- Learners and employers can monitor progress
- Centre's can set knowledge tasks for remote working
- Assessor & Internal Quality Assurance reporting (or alternative options)
- Protected evidence & progression recorded



INSTITUTE OF THE
MOTOR INDUSTRY
Driving the industry since 1920

IMI Product Development Update

- Up to date ePortfolio list for Scotland: <https://awarding.theimi.org.uk/>
Requests for any qualifications not on the list will need to be submitted to EQAs and will be reviewed and prioritised by Product development based on current demand
MET L6 SVQ and Diploma currently being added – due for completion by the end of December 2020
- Qualifications currently being updated
Light Vehicle SVQ L5 & L7 (includes ePortfolio)
Light Vehicle Diplomas L5 & L7 (includes ePortfolio)
- Scottish qualifications being extended:
All bus and coach (SVQ & VRQ)
All lift truck (SVQ & VRQ)
All vehicle / tyre fitting (SVQ & VRQ)



Withdrawals and cleansing of data

- Making withdrawals through the IMI Web portal 2 is quick and easy
- Total amount learner data cleansing has been increased to a 1000
- Withdrawals can be made in single entities or as a batch.
- Centre's need to ensure a clear picture is gained on actual 'live' learners registered
- This helps with the Centre's claiming of certificates and any external audits.



Last certification date

Various qualification end dates are about to expire:

November 2020 = 6 qualifications will expire (R161 04, R153 04, R151 04, GC69 23, GG5A 23 & GC65 23)

December 2020 = 4 qualifications will expire (R507 04, GK3M 22, GK3L 22 & GK3K 22)

For further information please refer to IMI Awarding website

The screenshot shows the IMI Awarding website interface. The top navigation bar includes a search bar, 'Home | Contact Us', and a user account section with 'Welcome Grant Kidger | My account' and a 'Logoff' button. The main navigation menu has links for Home, Centres, Qualifications, International, Candidates, News, and IMI. The breadcrumb trail reads: 'You are here: Home > Qualifications > Diploma in Light Vehicle Maintenance and Repair Principles at SCQF L7'.

The main content area is titled 'DIPLOMA IN LIGHT VEHICLE MAINTENANCE AND REPAIR PRINCIPLES AT SCQF LEVEL 7'. Below this, the section 'WHO IS IT SUITABLE FOR?' lists two categories of eligible candidates:

- ▶ school and college leavers who wish to join the automotive industry
- ▶ individuals (who are not employed in the industry) who want the opportunity to develop occupational

A large yellow arrow points from the 'WHO IS IT SUITABLE FOR?' section to the 'FOR THIS QUALIFICATION' section on the right. This section lists the following details:

- ▶ Qual ref: R151 04
- ▶ Start date: 01/08/11
- ▶ End date: 30/11/16
- ▶ Cert date: 30/11/20

Below this list is a section titled 'DOCUMENTS'.



INSTITUTE OF THE
MOTOR INDUSTRY
Driving the industry since 1920

Ultra Low Emissions Vehicles

Addressing the Skills Gap

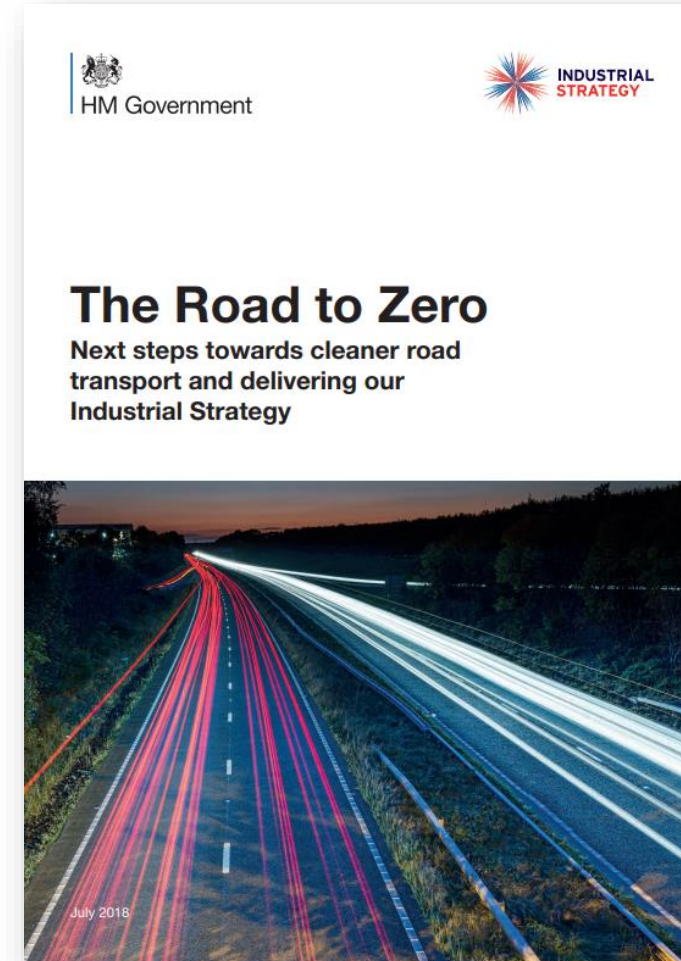
Chris Cotterill MIMI, UK Business
Development Manager



Technology Advancement in-line with Government Policy

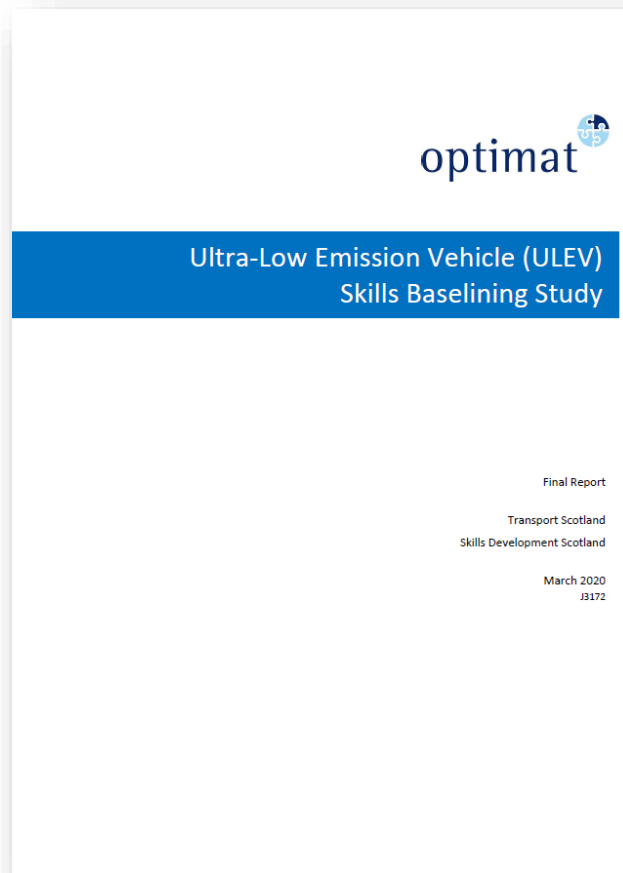
What is Driving Change?

- Working towards a **Carbon Neutral** future
- The drive for **Cleaner Air**
- The present day reality of **Ultra Low Emission Zones**



How Big is the Skills Gap for an ULEV Future?

What research has been carried out?



‘Remove the need for new petrol and diesel cars and vans by 2032’,
Scottish Government target



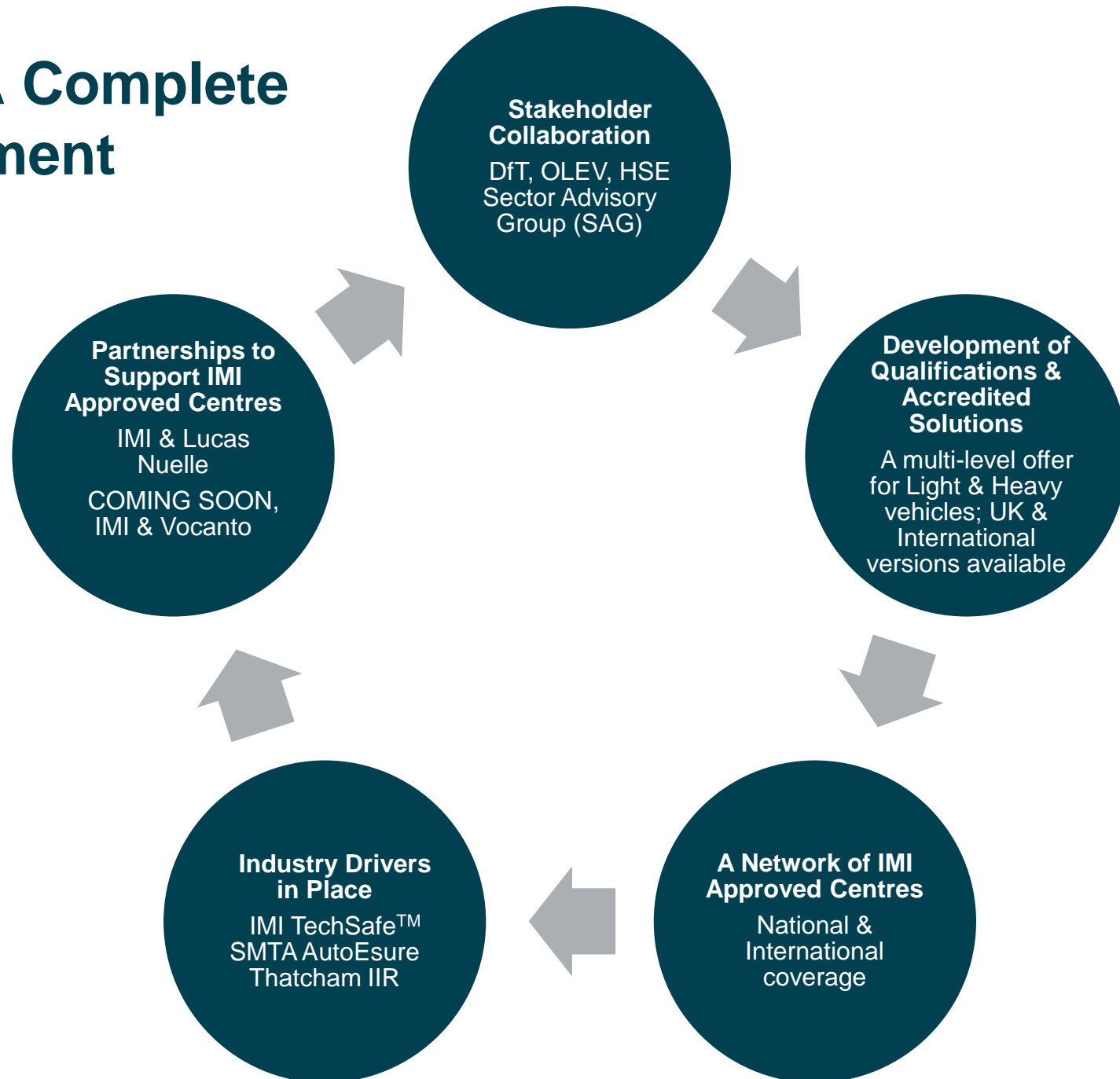
Large numbers of people need to be trained

Over 65,000 people could require some level of training to support the uptake of hybrid / electric vehicles in Scotland:

- **15,000** in repair and maintenance
- **20,500** in vehicle sales
- **7,800** other (e.g. roadside assistance and recovery)
- **22,000** in emergency services



The IMI Offer – A Complete People Development Solution



**INSTITUTE OF THE
MOTOR INDUSTRY**
Driving the industry since 1920

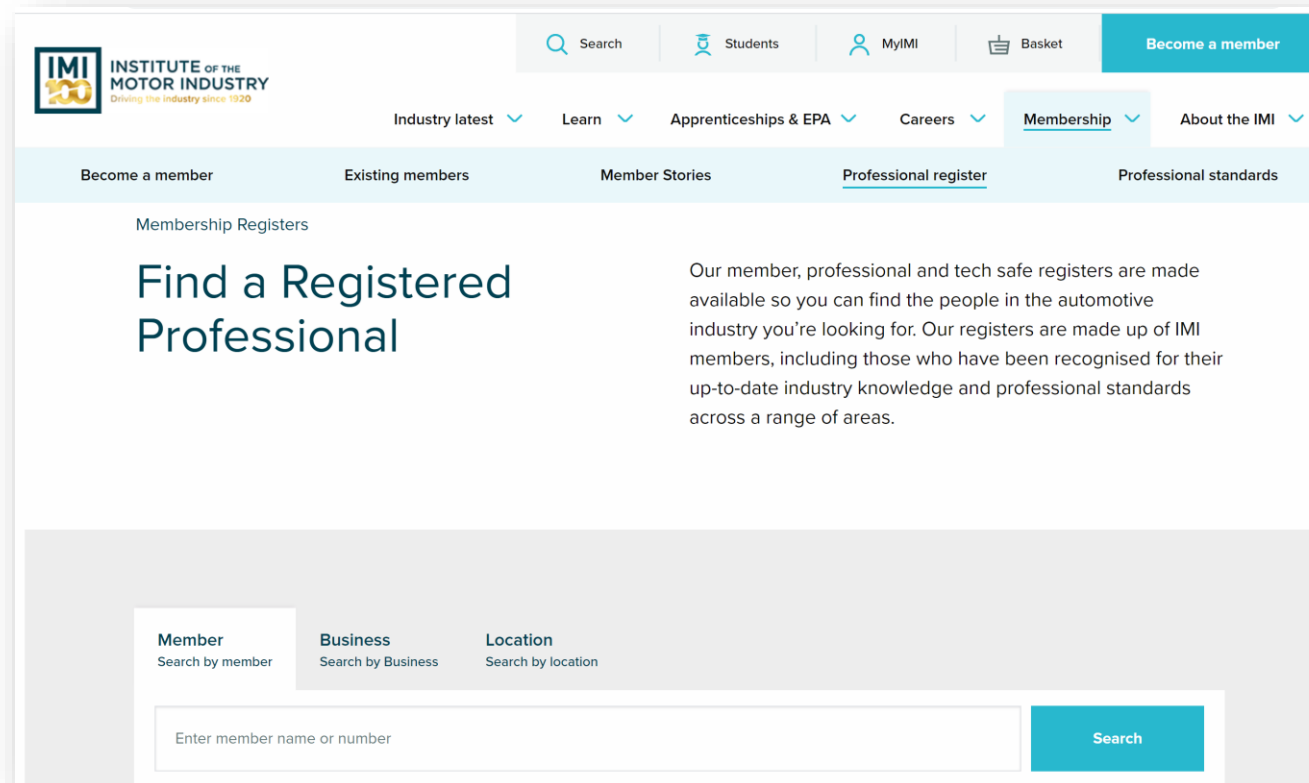
EV TechSafe™ in 50 words

IMI TechSafe™ registration ensures that complex automotive technologies are safely and correctly repaired by qualified technicians. To be registered as IMI TechSafe™, you must:

- Successfully complete an appropriate qualification or IMI Accredited solution
- Join the IMI Professional Register
- Complete CPD from a specified range to maintain professional registration



The New Professional Register Inc. IMI TechSafe™



The screenshot displays the IMI Professional Register website. At the top, the IMI logo is on the left, and navigation links for Search, Students, MyIMI, Basket, and Become a member are on the right. Below this, a horizontal menu includes Industry latest, Learn, Apprenticeships & EPA, Careers, Membership (selected), and About the IMI. A secondary menu below the Membership link shows options: Become a member, Existing members, Member Stories, Professional register (selected), and Professional standards. The main content area is titled 'Membership Registers' and features the heading 'Find a Registered Professional'. To the right of this heading is a paragraph: 'Our member, professional and tech safe registers are made available so you can find the people in the automotive industry you're looking for. Our registers are made up of IMI members, including those who have been recognised for their up-to-date industry knowledge and professional standards across a range of areas.' At the bottom, there is a search section with three tabs: 'Member' (selected), 'Business', and 'Location'. Below the tabs are three search criteria: 'Search by member', 'Search by Business', and 'Search by location'. A large text input field is provided for the search, with the placeholder text 'Enter member name or number'. A blue 'Search' button is located to the right of the input field.

IMI INSTITUTE OF THE MOTOR INDUSTRY Driving the industry since 1920

Search Students MyIMI Basket Become a member

Industry latest Learn Apprenticeships & EPA Careers Membership About the IMI

Become a member Existing members Member Stories Professional register Professional standards

Membership Registers

Find a Registered Professional

Our member, professional and tech safe registers are made available so you can find the people in the automotive industry you're looking for. Our registers are made up of IMI members, including those who have been recognised for their up-to-date industry knowledge and professional standards across a range of areas.

Member Search by member Business Search by Business Location Search by location

Enter member name or number

Search

The New Professional Register Inc. IMI TechSafe™

722 Professional register

Filter

Professional Standard

☒ IMI TechSafe™

Grade

☐ Associate (AMIMI)

☐ Member (MIMI)

☐ Fellow (FIMI)

Update


Antonio Tuccio			IMI TechSafe™
Member Number	Grade	Job title	View
9710123	<u>MIMI</u>	Motor Engineering Assessor	

Russell Filby			IMI TechSafe™
Member Number	Grade	Job title	View
9405185	<u>MIMI</u>	Account Manager	

James Happs			IMI TechSafe™
Member Number	Grade	Job title	View
9506121	<u>MIMI</u>	Motor Engineering Assessor	

Kenneth Davey			IMI TechSafe™
---------------	--	--	---------------

The New Professional Register Inc. IMI TechSafe™


**INSTITUTE OF THE
MOTOR INDUSTRY**
Driving the industry since 1920

[Search](#) [Students](#) [MyIMI](#) [Basket](#) [Become a member](#)


[Industry latest](#) [Learn](#) [Apprenticeships & EPA](#) [Careers](#) [Membership](#) [About the IMI](#)

[Home](#) / [Search](#) / Antonio Tuccio

Antonio Tuccio



Member number	Qualified to work on:	Place of work
9710123	Electric Vehicle ✓	Control Expert
Job title	VDA ✓	Uk Ltd
Motor		Control Expert,
Engineering		The Hub
Assessor		Fowler Avenue
	See an explanation of different service types	Farnborough
Grade		Hampshire
MIMI		GU14 7JF



IMI Membership
Join the IMI community

Take out annual IMI membership and take advantage of a range of member benefits as well as regular insights and updates from the sector.

[Sign me up](#)

COMING SOON

IMI have formed a new partnership to bring a market leading eLearning solution to the UK & Ireland.

We will be launching in Q1 of 2021



INSTITUTE OF THE
MOTOR INDUSTRY
Driving the industry since 1920

Electric Vehicle eLearning Offer



EV Introduction

- 16 Modules



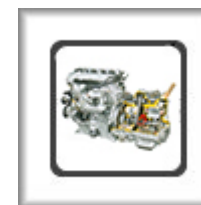
Safe Handling of High Voltage Systems

- 9 Modules



Battery Systems

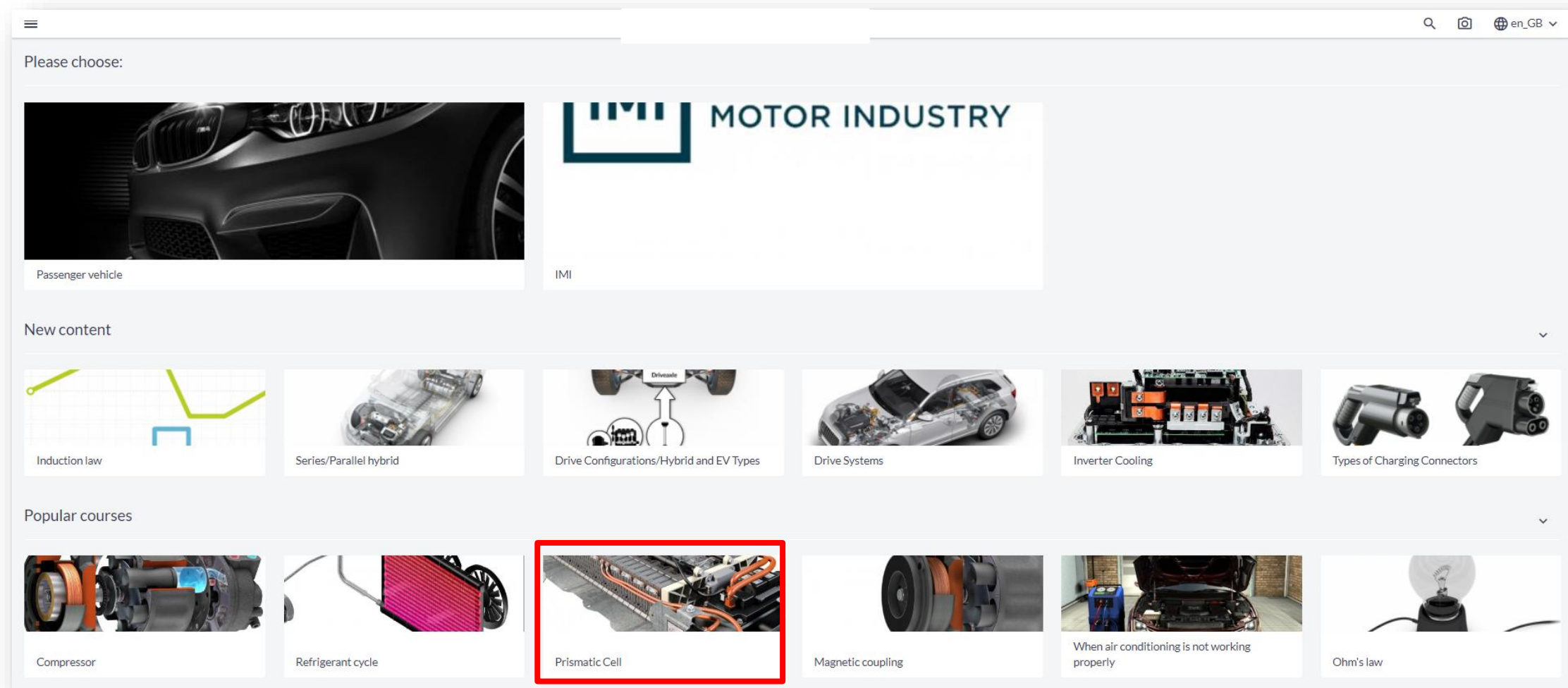
- 16 Modules



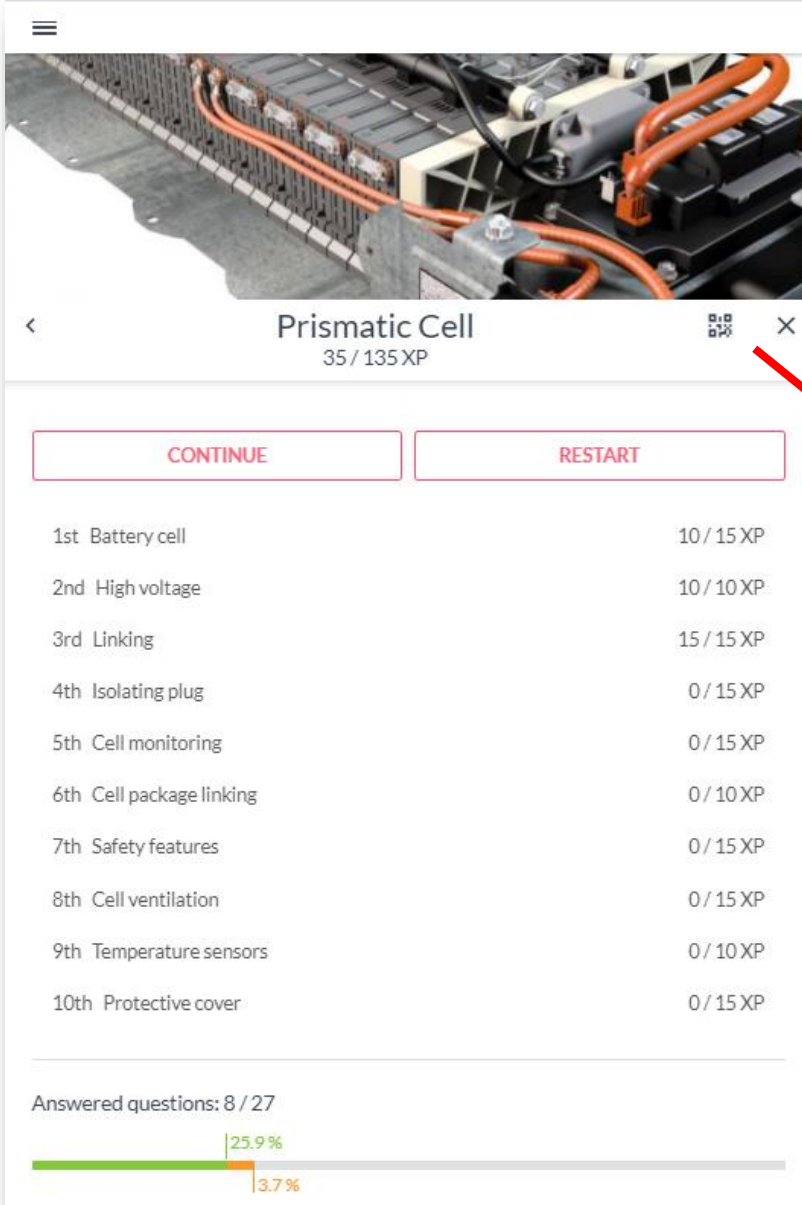
EV Diagnostic Strategies

- 4 Modules

What does the platform look like?



What does the platform look like cont'd



The screenshot shows a mobile application interface for a 'Prismatic Cell' assessment. At the top is a header image of a battery pack with orange cables. Below the image, the title 'Prismatic Cell' is displayed with a progress indicator '35 / 135 XP'. There are two buttons: 'CONTINUE' and 'RESTART'. A list of 10 tasks follows, each with a progress status. At the bottom, a progress bar shows 'Answered questions: 8 / 27' with a green bar at 25.9% and an orange bar at 3.7%.

Task	Progress
1st Battery cell	10 / 15 XP
2nd High voltage	10 / 10 XP
3rd Linking	15 / 15 XP
4th Isolating plug	0 / 15 XP
5th Cell monitoring	0 / 15 XP
6th Cell package linking	0 / 10 XP
7th Safety features	0 / 15 XP
8th Cell ventilation	0 / 15 XP
9th Temperature sensors	0 / 10 XP
10th Protective cover	0 / 15 XP

Answered questions: 8 / 27

25.9%
3.7%



The screenshot shows a mobile application interface for a 'Prismatic Cell' assessment. It features a large QR code in the center. Below the QR code, the text 'Prismatic Cell' is displayed. At the bottom right, there are icons for a document and a printer, and a 'CLOSE' button.

Prismatic Cell

Prismatic Cell

CLOSE

What does the platform look like cont'd

←

Prismatic Cell

🔍 ⚙️

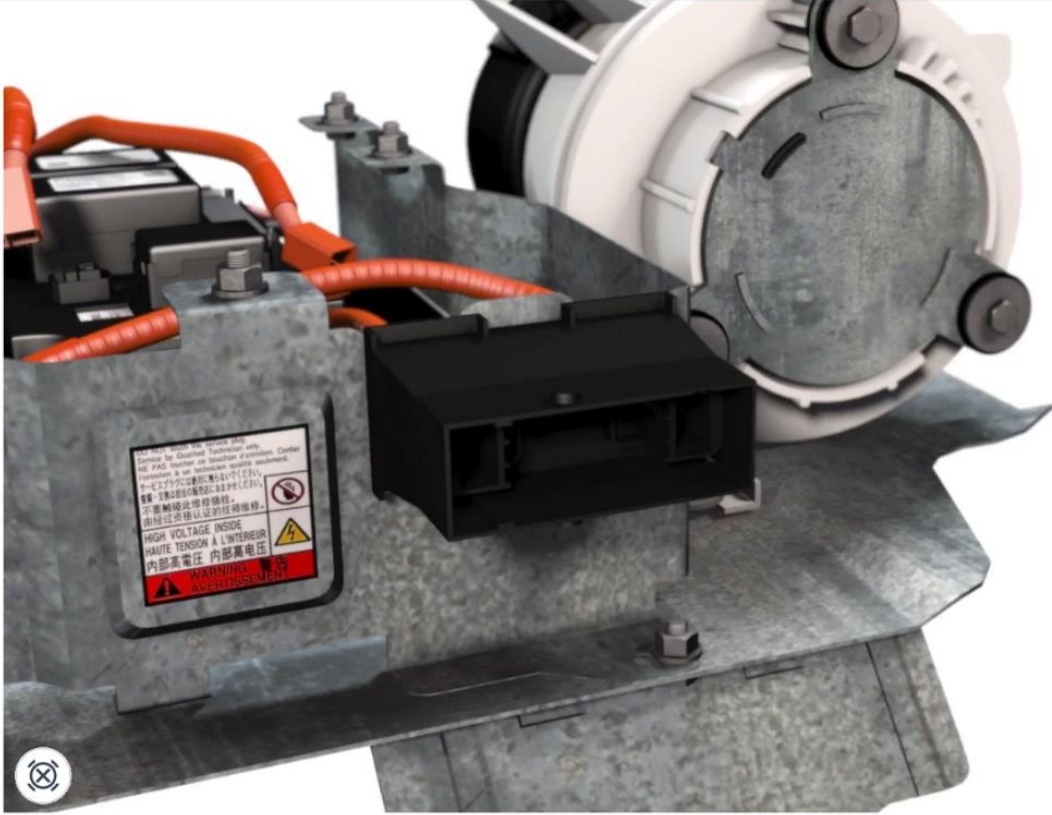
ISOLATING PLUG 4 / 10 ▾

The **isolating plug**, also known as service / maintenance connector, splits the battery into two sections. Because the layout comprises a series circuit, no current flows any longer when this plug is removed.

Isolation splits the **high-voltage battery** into two sections containing 1/3 and 2/3 of the total voltage respectively.

The **isolating plug** is mounted on the outside of the housing and locked. This prevents it from being loosened by vibrations, for example.

In the animation, you can see the black housing of the **isolating plug**. From there, two orange lines are routed to the high-voltage battery.



The image shows a 3D model of a prismatic cell battery assembly. A black isolating plug is mounted on the side of the battery housing. Two orange high-voltage cables are connected to the plug. A warning label is visible on the battery housing, indicating high voltage inside. The battery is mounted on a metal base plate.

ⓘ

Click on the specified components.

1. Isolating plug's housing

2. Line terminals on the battery

3. Click on the upper part of the battery to view the rear.

FINISHED

● ● ● ●

Summary

Work needs to start today for ambitious government targets across the devolved nations to be met. People development is one of the most important pieces of the 'Infrastructure Development' jigsaw and you, our approved centres, will play a pivotal role in addressing the significant skills gaps that exist today.

Thank you

Any Questions?



Useful IMI links

- cas@theimi.org.uk
- imiaward@theimi.org.uk
- <https://www.theimi.org.uk/landing/covid-19/news.php>
- <https://www.theimi.org.uk/landing/covid-19/faq.php>
- <https://webportal.theimi.org.uk>
- <https://awarding.theimi.org.uk/Centres>



INSTITUTE OF THE
MOTOR INDUSTRY
Driving the industry since 1920

**Special thanks to our
Panellists**

Thank you for joining us.