

The First Batch of Electric Vehicle (High Voltage) Workshops Comes into Operation

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2-4. Briefing on the Registration Process of Electric Vehicle (High Voltage) Workshops

A new milestone for registered workshops: professional maintenance for better safety

The Vehicle Maintenance Registration Unit (VMRU) of the Electrical and Mechanical Services Department (EMSD) hosted a briefing session on the registration process of Electric Vehicle (High Voltage) Workshops (EVH Workshops) at the lecture theatre on the seventh floor of the EMSD Headquarters Building on 20 February 2025, drawing an attendance of around 100 representatives from trade associations and independent maintenance workshops. The briefing aimed to provide an in-depth explanation of the newly introduced EVH Workshop service scope under the Voluntary Registration Scheme for Vehicle Maintenance Workshops (VRSVMW), and to explore the future development of the electric vehicle (EV) maintenance industry.

During the briefing, the VMRU explained in detail the newly added EV maintenance service classes under the VRSVMW and the registration process of EVH Workshops, allowing the trade to fully understand the relevant procedures and requirements. In addition, six third-party certification bodies accredited by the Vehicle Maintenance Technical Advisory Committee (VMTAC) sent representatives to introduce their certification services, assisting the trade in properly preparing registration applications and ensuring compliance with relevant safety standards. In the question and answer (Q&A) session, attendees actively raised questions, shared their views and engaged in in-depth discussions on the registration application process and maintenance safety standards. Many trade representatives pointed out that with the rapid growth of the EV market, maintenance safety is crucial to the development of the industry. They looked forward to more similar exchange activities in the days ahead with a view to enhancing EV maintenance technologies and safety standards while fostering industry collaboration and development.

In view of the booming local EV market, it is imperative to improve maintenance technologies and safety standards. The briefing not only deepened the trade's understanding of the new items under the VRSVMW, but also facilitated communication and collaboration among the EMSD, the trade and the certification bodies. The VMRU hopes that the briefing will encourage more vehicle maintenance workshops to join the VRSVMW and become registered EV maintenance workshops, so as to further enhance the maintenance safety standards and ensure the safety of EV maintenance.

Moving forward, the VMRU will continue to maintain close liaison with the trade to promote the provision of safer and more professional EV maintenance services, jointly embracing the development opportunities brought about by new energy vehicles.

For details of the EV maintenance service scope and workshop registration, please visit the following website or scan the QR code:

https://www.emsd.gov.hk/en/supporting_government_initiatives/registration_scheme_for_vehicle_maintenance/electric_vehicle_maintenance_service_scope/index.html



5. Latest Updates of Vehicle Maintenance Registration Unit

Demonstration of electric motorcycles equipped with replaceable batteries (1)

Recently, a local catering group introduced electric motorcycles (EMCs) for takeaway delivery. A key feature of this EMC model is that its batteries can be replaced and charged via a specialised charging system. In mid-December 2024, the Vehicle Maintenance Registration Unit (VMRU) was invited to a demonstration session of the EMC model for a better understanding of its daily operation, usage considerations, and repair and maintenance practices.

Compared to general electric vehicles (EVs), EMCs differ significantly in structure. They generally consist of fewer components, making the maintenance process simpler and more time-efficient. Typically, an EMC is equipped with a single electric motor and a simple battery management system with batteries smaller in size, which means lower replacement costs. In addition, EMC maintenance requires simpler tools, and the number of professional training hours required for EMC mechanics are relatively fewer. That said, the mechanics and relevant workers are still required to complete EV safety and maintenance training, wear personal protective equipment on the job and follow isolation procedures properly to ensure safe maintenance work.

The VMRU will continue to stay in contact with the trade to exchange views, with the aim to enhance the registration requirements and relevant details. Due to space constraints, we will continue to explore the use of EMCs in the next issue. Stay tuned!

6-8. The First Batch of Electric Vehicle (High Voltage) Workshops Comes into Operation

Pooling the strengths of the trade to ensure the safety of electric vehicle maintenance

The Vehicle Maintenance Registration Unit (VMRU) has been working closely with the vehicle maintenance industry to actively promote the Registration Scheme for Vehicle Maintenance (Registration Scheme) since its implementation. With electric vehicle (EV) maintenance service classes officially incorporated into the Registration Scheme in July 2024, the VMRU has further strengthened its ties with the trade to assist them in complying with the requirements of the Practice Guidelines for Electric Vehicle Maintenance, enhancing the professional training of EV mechanics to create a safer working environment.

As one of the largest motor vehicle agents in Hong Kong, Inchcape Hong Kong Limited (Inchcape) has been an active participant in the Registration Scheme. After successfully attaining EV (Low Voltage) (EVL) Workshop certification for all of its eight registered vehicle maintenance workshops (RVMWs) last October, Inchcape has taken another step forward this year, with its RVMWs becoming the first eight EV (High Voltage) (EVH) Workshops in Hong Kong. It fully demonstrates Inchcape's commitment to and support for the Registration Scheme.

On 10 March 2025, Mr WONG Lui, Assistant Director / Gas and General Legislation (AD/GGL), led the VMRU staff to Inchcape Tsuen Wan Service Centre where he presented the EVH Workshop identification sign to Mr Alen WONG, Aftersales Director of Inchcape Greater China, and expressed gratitude for Inchcape's longstanding support for the Registration Scheme, as well as its efforts in sourcing personal protective equipment (PPE) that meets safety standards and fostering a safe working environment. Attaching significance to the safety of EV maintenance and being the first to seek certification for its vehicle maintenance workshops, Inchcape has been commended as a paragon for the trade. Inchcape stated that in future it would actively promote professional EV maintenance services to vehicle owners and deepen the public's understanding of qualified vehicle maintenance workshops, thereby furthering the steady development of the EV maintenance industry.

The VMRU has successively received certification applications from RVMWs for the new EV maintenance service classes. We will continue to work closely with the trade to enhance EV maintenance safety standards.

Please visit the following website or scan the QR code to access information of RVMWs through Vehicle Maintenance Easy:
<https://vme.emsd.gov.hk/en/search>



The VMRU was honoured to interview Mr Alen WONG, Aftersales Director of Inchcape Greater China, who shared insights on Inchcape Service Centres' experience in applying for the EVH Workshop certification.

VMRU: Vehicle Maintenance Registration Unit

WONG: Mr Alen WONG

VMRU: Mr WONG, congratulations on all your company's RVMWs successfully obtaining the EVH Workshop certification! Why did your company apply for the certification?

WONG: Our company has always been supporting various schemes initiated by the Electrical and Mechanical Services Department (EMSD). We have participated in all of them, from the Liquefied Petroleum Gas Vehicle Scheme and the Registration Scheme for Vehicle Maintenance, to now the official incorporation of EV maintenance service classes into the Registration Scheme for Vehicle Maintenance. Additionally, as an agent for numerous types of hybrid vehicles and EVs, we believe that certification as registered workshops helps standardise the vehicle maintenance industry, project a professional and safe image of the trade, and boost the public confidence in the vehicle maintenance industry.

VMRU: In your opinion, what were the difficulties in applying for the EVH Workshop certification?

WONG: I think the difficulties in applying for the EVH Workshop certification this time lied in the need to divide the vehicle working bays and sourcing compliant PPE. Land is scarce in Hong Kong while the vehicle working bays are small. Allocating additional room for EV working bays is no easy task. Moreover, sourcing sufficient compliant PPE is quite a headache, as many items had to be custom-made. Thankfully, with the EMSD's Practice Guidelines for Electric Vehicle Maintenance, the professional assistance of the VMRU, as well as the collaborative efforts of the workshop maintenance technical unit and workshop supervisors, we were able to complete this arduous task.

VMRU: Could you share your company's EV maintenance training programmes with us?

WONG: Since our company acts as an agent for different brands of EVs, we use the designated learning materials provided by each vehicle manufacturer and arrange senior instructors to deliver theory lessons covering topics ranging from basic to advanced level at the technical unit. In terms of practice, we have a dedicated training workshop that provides real vehicles, PPE and original testing instruments, so that maintenance personnel can perform simulated data measurement and troubleshooting to ensure that every step strictly adheres to the instructions of the vehicle manufacturers. The content of relevant courses approved by the Vehicle Maintenance Technical Advisory Committee meets the requirements of both EVL and EVH service scopes. After completing the courses and passing the assessments, the maintenance personnel may apply to become registered mechanics under the relevant EV service scope.

VMRU: Could you share the safety measures taken by your company for EV maintenance?

WONG: Our company and the vehicle manufacturers attach great importance to safety. When an EV arrives at our repair centre for maintenance, a repair consultant trained by the original manufacturer will first communicate with the customer to understand the matters requiring follow-up. Afterwards, we will conduct a preliminary assessment of the vehicle according to the original manufacturer's vehicle acceptance inspection procedures, carefully check the vehicle body and even the chassis to see whether there are damages to the high-voltage parts or dashboard warnings. If the vehicle is suspected of carrying potential risks, our controller will be notified and the vehicle will be moved to a designated isolation area for isolated monitoring. We use thermal imaging technology to monitor the temperature of the vehicle's high-voltage battery pack to ensure that it is below 60°C. Maintenance personnel are allowed to enter the working bay only after the risk of short circuit and fire has been eliminated, thereby protecting life and property.

After reading Mr WONG's sharing, readers should now have a deeper understanding of EV maintenance services. Certified EV maintenance workshops are truly a guarantee of safety and confidence.

9. Upcoming Technical Seminar on Vehicle Maintenance (13)

The Vehicle Maintenance Registration Unit (VMRU) will hold the thirteenth technical seminar on vehicle maintenance, themed “The Use of New Energy in Commercial Vehicle: Prospects, Development and Challenges”, on the evening of 12 July 2025 (Saturday). Each participant is eligible to earn three CPD hours. For details and the registration, please refer to the information below.

10. Latest Developments of the Registration Schemes

- 1) Registered vehicle mechanics who have switched to work in another vehicle maintenance workshop should notify the Vehicle Maintenance Registration Unit (VMRU) **by e-mail (vmru@emsd.gov.hk) or fax (3521 0243) and provide the name, address and telephone number of the new workshop.**
- 2) If a vehicle maintenance workshop intends to change its registration type or update its registered information (e.g. workshop name, registration number, address, contact number, or business registration certificate number, etc.), the person-in-charge of the workshop should notify the VMRU in writing **within 14 working days** of such change and submit the supporting documents for processing.

Figures on the Voluntary Registration Scheme for Vehicle Mechanics:

Total number of vehicle mechanics	9 668 ^{Note 1}
Number of registered vehicle mechanics (as at the end of April 2025)	7 404

Figures on the Voluntary Registration Scheme for Vehicle Maintenance Workshops:

Total number of vehicle maintenance workshops	2 228 ^{Note 2}
Number of registered vehicle maintenance workshops (as at the end of April 2025)	1 905

Note1: Figures from 2019 Manpower Survey Report (updated in November 2023) by the Vocational Training Council and the Automobile Training Board

Note2: Figures from database of the VMRU (updated in January 2025)

To support environment protection, you are encouraged to opt for electronic copies of the RVM Newsletter and other relevant leaflets. Please send us the completed reply slip by e-mail (vmru@emsd.gov.hk) or WhatsApp (9016 3185). We will contact you through e-mail or mobile communication whenever possible.

Reply Slip

I/My company would like to receive the RVM Newsletter and other information leaflets by e-mail/ WhatsApp.

Please provide the relevant contact details for the above selected means of communication:

Name: _____ Vehicle Mechanic Registration No.: VM _____

E-mail address: _____ WhatsApp: _____



The electronic copy of the RVM Newsletter is also available on the EMSD website:

https://www.emsd.gov.hk/en/supporting_government_initiatives/registration_scheme_for_vehicle_maintenance/publications_and_circulars/rvm_newsletter/index.html

Note

1. Starting from 15 July 2018, new application for registration as Type Four workshop (i.e. a workshop situated at a residential building or a composite building with domestic part) is no longer accepted. Furthermore, requests for conversion from a registered Type One, Type Two or Type Three workshop to a Type Four workshop will not be entertained.
2. Applicants should affix sufficient postage and provide a return address when posting renewal application forms with envelopes not provided by the EMSD. If the postage is insufficient, the EMSD will not pay for any outstanding postage or accept the mail item concerned, which will be returned to the sender (if a return address is provided) or disposed of by the Hongkong Post.

11. Prize Quiz Issue No. 49

- Q1.** What event was organised by the Vehicle Maintenance Registration Unit (VMRU) of the Electrical and Mechanical Services Department (EMSD) at the lecture theatre on the seventh floor of the EMSD Headquarters Building on 20 February 2025?
- A** Briefing on the Registration Process of Electric Vehicle (Elementary) Workshops
B Briefing on the Registration Process of Electric Vehicle (Low Voltage) Workshops
C Briefing on the Registration Process of Electric Vehicle (High Voltage) Workshops
D None of the above
- Q2.** How many third-party certification bodies accredited by the Vehicle Maintenance Technical Advisory Committee were invited to the Briefing on the Registration Process of Electric Vehicle (High Voltage) Workshops to introduce their certification services?
- A** Three
B Four
C Five
D Six
- Q3.** In mid-December 2024, the VMRU attended a demonstration session of a motorcycle model introduced for takeaway delivery by a local catering group. What kind of motorcycle was it?
- A** Electric motorcycle equipped with replaceable batteries
B Hybrid electric motorcycle
C All of the above
D None of the above
- Q4.** When were the electric vehicle maintenance service classes officially incorporated into the Registration Scheme for Vehicle Maintenance?
- A** July 2023
B July 2024
C January 2025
D March 2025
- Q5.** Through which channel can details of registered vehicle maintenance workshops be accessed?
- A** Vehicle Maintenance Easy
B E&M Trade App
C iAM Smart
D None of the above

How to participate (Issue No.49)

To support environmental protection, please scan the QR code or click the link (<https://vmcpd.emsd.gov.hk>) to log in to the VM Learning Station to submit your answers online. Participants may also complete the form below, circle the correct answers, and send it to the Vehicle Maintenance Registration Unit (VMRU) by post, fax (3968 7646) or e-mail (vmru@emsd.gov.hk) before deadline.



Deadline: 31 July 2025

Question	Answer			
Q1	A	B	C	D
Q2	A	B	C	D
Q3	A	B	C	D
Q4	A	B	C	D
Q5	A	B	C	D

Name: _____

Vehicle Mechanic Registration No.: VM _____

E-mail Address: _____

Contact Tel. No.: _____












- Participants who correctly answer four of the questions will earn one CPD hour and be notified by the VMRU individually.
- Only registered vehicle mechanics with valid registration may participate, each not more than once in each quiz. Those who have already submitted their answers via the VM Learning Station need not submit them again by post, fax or email.
- In the case of duplicate submissions, only the last set of answers received before the deadline will be considered.
- The decision of the VMRU on the quiz will be final.
- The correct answers will be announced in the next issue of the RVM Newsletter.

The answers for RVM Newsletter Issue No. 48 are as follows:

Question	1	2	3	4	5
Answer	B	A	D	C	A

12. Training Institutes

Providing Continuing Professional Development Courses for Vehicle Mechanics (in random order)

Name of Training Institute	Website/Content	Enquiry Tel. No.	QR Code
Traffic Services Employees Association	http://www.facebook.com/tseahk	2575 5544	
Pro-Act Training and Development Centre (Automobile)	http://www.proact.edu.hk/automobile	2449 1310	
The Institute of the Motor Industry Hong Kong	http://www.hkimi.org.hk	2625 5903	
Hong Kong Vehicle Repair Merchants Association Limited	https://www.facebook.com/HKVRMA/	2399 7977	
Hong Kong Vehicle Repairing Industry Employee General Union	http://www.vrunion.hk	2393 9955	
Occupational Safety and Health Council	http://www.oshc.org.hk	2311 3322	
The Society of Operation Engineers (Hong Kong Region)	http://www.soe.org.hk	2617 0311	
Qualifications Framework recognised courses	http://www.hkqr.gov.hk	2836 1700	
Association of Auto Batteries and Tyres Industry	https://www.facebook.com/autobatteriestyres	6263 2531	
Hong Kong Institute of Vocational Education (IVE) In-service Training Office	EDIT.vtc.edu.hk	2435 9423 9081 5283	
KMB Academy	https://www.kmb.hk/	2786 6071	

Gentle Reminder

The content in each issue helps you catch up on the development of the registration schemes and enhance the quality of service. Please stay tuned!

Each issue is available for downloading on the EMSD website:

https://www.emsd.gov.hk/en/supporting_government_initiatives/registration_scheme_for_vehicle_maintenance/publications_and_circulars/rvm_newsletter/index.html



For enquiries on the content of the RVM Newsletter, please contact the VMRU of the EMSD.

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