

Addition of Electric Vehicle Maintenance Service Scope to the Voluntary Registration Scheme for Vehicle Maintenance Workshops



- Commencement of the Tenth Term of the Vehicle Maintenance Technical Advisory Committee
- Launching Ceremony of the Introduction of Electric Vehicle Maintenance Services to the Voluntary Registration Schemes for Vehicle Maintenance
- Upcoming Technical Seminar on Vehicle Maintenance (10)



For enquiries

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機電工程署
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Since its establishment in 2006 to date, the Vehicle Maintenance Technical Advisory Committee (VMTAC) has entered its tenth term. The new VMTAC members already took office on 1 July 2024 with a tenure of two years. In order to maintain the VMTAC's broad representation, its members, as usual, include representatives of various trade associations, professional bodies, training institutions, transport operators, vehicle suppliers' associations, vehicle owners' associations and relevant government departments, as well as an independent person. Apart from the Chairman, the VMTAC has 22 members in total, who give advice to the Government about the voluntary registration schemes for vehicle maintenance. In view of the rapid development of the vehicle maintenance industry, the VMTAC unanimously agreed to elect eight additional members at the meeting on 22 July 2024, so as to offer professional advice about the voluntary registration schemes to the Subcommittee on Management and Review and Subcommittee on Research and Development. Members of the new VMTAC are listed in the table below:

List of Members of the Tenth Term of the VMTAC

Mr FUNG Man-keung (Professional body)	Mr TANG Wing-hong (Professional body)	Mr LAM Kit (Vehicle suppliers' association)	Mr CHAN Tung (Vehicle suppliers' association)
Mr LIU Tat-ming (Mechanics' representative)	Mr CHANG Siu-kit (Mechanics' representative)	Mr CHUI Hau-leung (Mechanics' representative)	Mr YIP Lai-hing (Mechanics' representative)
Mr WONG Man-wai (Training institute)	Mr LEE Hong-yip (Training institute)	Mr WONG Chi-hang (Training institute)	Ms WONG Shun-kwan (Independent person)
Mr LAM Hing-cheong (Trade association)	Mr YEUNG Ka-wo (Trade association)	Mr LAM Ming-hei (Trade association)	Mr MA Sing-wai (Trade association)
Mr MOK Chi-fai (Trade association)	Mr WONG Lik-kuen (Transport operator)	Mr KUNG Wai-hung (Transport operator)	Mr LIU Keung (Vehicle owners' association)
Transport Department's Representative (Government department)	Environmental Protection Department's Representative (Government department)		

Note: The Director of Electrical and Mechanical Services serves as the VMTAC's Chairman.

As the new term begins, the VMTAC will continue to promote the Voluntary Registration Scheme for Vehicle Mechanics (VRSVM) and Voluntary Registration Scheme for Vehicle Maintenance Workshops (VRSVMW), and meanwhile review the content, effectiveness and development direction of the two schemes, in order to keep pace with the times and meet public expectations. Starting from this term, the VMTAC will not only continue to audit registered vehicle mechanics (RVMS) and inspect registered vehicle maintenance workshops (RVMWs) for monitoring the industry's compliance with the Code of Conduct for Registered Vehicle Mechanics (Code of Conduct) and Practice Guidelines for Vehicle Maintenance Workshops (Practice Guidelines), but also continue to assist mechanics or workshops that have not yet complied with the requirements to make improvements, with a view to helping the industry enhance its service level and achieving the following goals:

1. Maintaining the registration rate of both RVMS and RVMWs at 70% or above;
2. Monitoring the compliance of RVMS and RVMWs with the Code of Conduct and Practice Guidelines respectively to enhance the service level of the industry;
3. Strengthening the use of innovative technology to optimise the two voluntary registration schemes;
4. Applying the Qualifications Framework under the VRSVM;
5. Getting ready for the development of electric vehicle maintenance;
6. Preparing for the mandatory registration systems of vehicle mechanics and maintenance workshops; and
7. Giving advice about the maintenance of hydrogen vehicles.

The new VMTAC and Vehicle Maintenance Registration Unit of the Electrical and Mechanical Services Department will continuously strive to improve the image and level of the vehicle maintenance industry and look forward to your full support!

The Vehicle Maintenance Registration Unit (VMRU) of the Electrical and Mechanical Services Department (EMSD), together with members of the Vehicle Maintenance Technical Advisory Committee (VMTAC), held the launching ceremony of the introduction of electric vehicle (EV) maintenance services to the voluntary registration schemes for vehicle maintenance in the lecture theatre on the fourth floor of the EMSD Headquarters on the afternoon of 22 July 2024. This event reflected that the vehicle maintenance industry moved with the times, and kept abreast of the local demand for EV maintenance services, further improving the professional image and service level of the industry.

In view of the increasing demand for EV maintenance, the VMRU and VMTAC earlier carried out a study on the introduction of EV maintenance service scope to the existing voluntary registration schemes. After referring to the practices of other places and



DEMS Mr Poon Kwok-ying (middle), together with the conveners of the ninth term of the subcommittees, Mr Tang Wing-hong (left) and Mr Lam Kit (right), presided over a simple and grand launching ceremony, marking a new milestone in the voluntary registration schemes.

considering the local situation, the VMTAC has established the accreditation criteria for EV maintenance training programmes, the registration requirements for EV mechanics and maintenance workshops, and compiled the Practice Guidelines for Electric Vehicle Maintenance for the industry. The guidelines set out requirements for EV maintenance work, including personal protective equipment, first-aid equipment, fire protection facilities and venue setting, as well as testing and maintenance tools.

Under the voluntary registration schemes, EV maintenance work will be categorised into three levels, namely elementary, low voltage and high voltage. Registered vehicle mechanics will be qualified to provide the corresponding EV maintenance services after completing the relevant training programmes. So far, the VMTAC

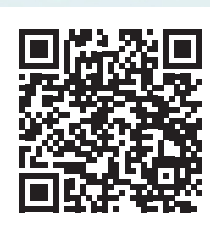
has endorsed nine EV maintenance training programmes from five institutes, namely the Vocational Training Council, Occupational Safety and Health Council, Kowloon Motor Bus Academy, Guangzhou Communications Technician Institute, and Association of Auto Batteries and Tyres Industry. As of mid-July 2024, over 350 persons have completed the training programmes. Existing registered vehicle maintenance workshops can receive an associated EV maintenance workshop identification signage after fulfilling the registration requirements for EV maintenance services.

On the day of the launching ceremony, Director of Electrical and Mechanical Services (DEMS) Mr Poon Kwok-ying, together with the conveners of the ninth term of the subcommittees, Mr Tang Wing-hong and Mr Lam Kit, presided over a simple and grand launching ceremony, marking a new milestone in the voluntary registration schemes. A promotional video about the voluntary registration schemes was also played at the launching ceremony, which will be uploaded to the EMSD's website for public viewing later. The VMRU and VMTAC will continue to work closely with the trade so that the vehicle maintenance industry can get with the times, and provide more training courses to attract new blood to join the industry, inheriting and carrying forward the spirit of craftsmanship, as well as ensuring a sustainable and healthy development of the industry.

For details on EV maintenance services and training courses, please scan the QR code below to browse the EMSD's dedicated webpage:



For the promotional video about the introduction of EV maintenance services to the voluntary registration schemes for vehicle maintenance, please scan the QR code below:



DEMS Mr Poon Kwok-ying (fourth left), members of the VMTAC, and VMRU staff of the EMSD took a group photo at the launching ceremony.

The previous RVM Newsletter (Issue No. 45) mentioned the three levels of electric vehicle (EV) maintenance service scope added to the Voluntary Registration Scheme for Vehicle Mechanics (VRSVM), terms of reference of each level, and information on EV maintenance courses. Registered vehicle mechanics (RVMs) may already have some understanding of the scope of EV maintenance services and even plan to enrol on relevant training courses to prepare themselves for obtaining qualifications for providing EV maintenance services. This issue will introduce the EV maintenance service classes added to the Voluntary Registration Scheme for Vehicle Maintenance Workshops (VRSVMW), registration requirements for and identification signage of EV maintenance workshops, in order to let the trade learn more about the latest development of the VRSVMW. A vehicle maintenance workshop, based on its conditions, can apply to become a registered EV maintenance workshop (REVMW) by its owner or person-in-charge to expand its scope of services and improve its professional image.

For details of the VRSVMW, please scan the QR code below:



For the application method of the VRSVMW, please refer to the website of the Electrical and Mechanical Services Department (EMSD), which will not be reiterated in this issue.

EV maintenance service classes added to the VRSVMW

There are 3 levels of REVMWs, i.e. “EV (Elementary) Workshop” (EVE Workshop), “EV (Low Voltage) Workshop” (EVL Workshop) and “EV (High Voltage) Workshop” (EVH Workshop). Qualified registered vehicle maintenance workshops (RVMWs) can apply to become REVMWs to provide corresponding levels of EV maintenance services.



A. RVMWs with the EVE and EVL Service Scope

The vehicle trade generally believes that it is acceptable to carry out specific services or maintenance of low voltage systems for EVs in various types of existing RVMWs as long as the concerned RVMW has employed RVM(s) that are qualified for the corresponding EVE or EVL service scope. Therefore, it has been unanimously agreed that there is no need to further impose additional requirements to regulate newly established RVMWs that can provide specific services or maintenance of low voltage systems for EVs.

On the contrary, the work within the EVH service scope entails relatively high safety risk and must be carried out by RVM(s) qualified for the EVH service scope. Moreover, the maintenance work shall only be carried out in RVMWs with the EVH service scope that fulfil specific requirements.

EV (Elementary) Workshop

EV(Elementary)Workshop
電動車(基礎)註冊工場



註冊車輛維修工場

Specific Services Only
只可提供專項服務



EV (Low Voltage) Workshop

EV(Low Voltage)Workshop
電動車(低電壓)註冊工場



註冊車輛維修工場

No "Live" and Battery
Replacement Work
不可進行「帶電」和電池更換工作



Identification Signage

The registration requirements for **EV (Elementary) Workshops** and **EV (Low Voltage) Workshops**:
The RVMW must employ at least one RVM qualified for the **EVE** or **EVL** service scope corresponding to the level of the RVMW, who must be present when carrying out relevant EV maintenance work.

B. RVMWs with the EVH Service Scope

An RVMW with the EVH service scope must employ at least one RVM qualified for the EVH service scope, who must be present when carrying out work within the relevant EV maintenance service scope. Also, the person-in-charge of the RVMW with the EVH service scope must regularly provide suitable electrical safety training, for example, EV safety awareness courses approved by the Vehicle Maintenance Technical Advisory Committee (VMTAC), to all personnel who will come into contact with EVs, including but not limited to EV mechanics, apprentices, cleaners, etc.

If "live-line" work is to be carried out on EVs, a "caution zone" must be set apart in the concerned workshop and clearly identified with warning signs. At the same time, traffic cones, tape or barriers must be used for separation between it and other zones. The person-in-charge must also reserve sufficient space for rescue support when necessary.

When an RVM with the EVH service scope is performing "live-line" maintenance work on the high voltage system of an EV, another person with "rescue support capabilities" must be on standby to mount a rescue at any time. The person on standby to provide rescue support must stay outside the "caution zone" and shall only enter the "caution zone" when necessary. He or she must also prevent people not carrying out "live-line" maintenance work from entering the "caution zone" at all times.

In addition to meeting personnel requirements, RVMWs with the EVH service scope must also provide personal protective equipment, first aid equipment (e.g. first aid kits, insulated rescue hooks, automatic external defibrillators, etc.), firefighting equipment (e.g. fire hydrants/ hose reel systems, fire extinguishers, fire-extinguishing blankets, etc.), site facilities (e.g. maintenance bays, caution isolation areas, rescue passages, etc.) and emergency procedures (e.g. procedures for handling damaged high voltage batteries, dealing with liquid or gas leakages, and fire-extinguishing, etc.) that comply with the requirements specified in the Practice Guidelines for Electric Vehicle Maintenance.

Only Type 1, Type 2 or Type 3 RVMWs can apply to become an RVMW with the EVH service scope. To apply for registration, an on-site inspection must be carried out by a vehicle manufacturer or a qualified third-party certification agency, followed by the submission of a report, to demonstrate that the concerned RVMW is capable of performing high voltage system maintenance work for EVs. After meeting the requirements of the VMTAC, the RVMW can register as an EVH Workshop. For the method of inspection, please pay attention to the latest announcements on the EMSD website or this newsletter.



EV (High Voltage) Workshop ("Type H workshop" for short)

The registration requirements for EV (High Voltage) Workshops:

1. The RVMW must employ at least one RVM qualified for the EVH service scope, who must be present when carrying out relevant EV maintenance work.
2. Only Type 1, Type 2 or Type 3 RVMWs can apply for registration.
3. The person-in-charge of the RVMW should regularly provide suitable EV safety awareness training for all personnel who will come into contact with EVs.



Identification
Signage

4. There must be
- documentary proof provided by a vehicle manufacturer; or
 - an on-site inspection carried out by an independent consultancy approved by the VMTAC to confirm that the concerned RVMW is capable of performing high voltage system maintenance work for EVs.
5. The registration requirements for EV (High Voltage) Workshops:
If the normal procedures of segregating EVs cannot be followed, a "caution zone" must be set apart in the concerned workshop and clearly identified with warning signs, so as to offer physical separation effectively. Also, when an RVM with the EVH service scope is performing maintenance work, another person with "rescue support capabilities" must be on standby to provide rescue support at any time.



If RVMWs wish to provide EV maintenance services, in addition to operating in accordance with the standards stipulated in the Practice Guidelines for Vehicle Maintenance Workshops, they need to meet the relevant requirements stipulated in the Practice Guidelines for Electric Vehicle Maintenance. For details, please scan the QR code below:



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Upcoming Technical Seminar on Vehicle Maintenance (10)

46th Issue

The VMRU will hold the tenth technical seminar on vehicle maintenance, which will cover the latest gist of daily repair and maintenance for diesel vehicles, on the evening of 26 October 2024 (Saturday). Each participant is eligible to earn three continuing professional development (CPD) hours. For details and the registration method, please refer to the information below.

Organised by

機電工程署
EMSD



Co-organised by



Vocational Training Council

Technical Webinar on Vehicle Maintenance

Features of Technical Webinar Series:

General Knowledge about the automotive industry, including legislation on vehicle maintenance workshops, occupational safety and health requirements for maintenance work, technologies and the latest development of vehicle maintenance, and technologies of electric and new energy vehicles.

Target participants:

Vehicle mechanics and persons-in-charge of vehicle maintenance workshops.

Technical Webinar (10)

Topic: Latest Gist of Daily Repair and Maintenance for Diesel Vehicles

Date & Time: 26-10-2024 (Saturday) / 18:30 - 21:30

Mode of Delivery: Microsoft Teams (online platform)

Fee: Free of charge

Language: Cantonese

Application Method: filling enrolment form

Quota: 1000 persons (allocated on a first-come-first-served basis)

QR code for enrolment



A three-hour CPD e-certificate of attendance will be issued to participants

If you have not registered as an RVM, please download the "E&M Trade App". Users can sign up for a mobile app account and store the information of their certificate of registration, so as to enrol for relevant courses directly on the app, and record training hours. Please refer to the EMSD website for details.



Enrolment form (if e-certificate is required)

Please send the completed enrolment form to the JECE by fax or email, or scan the QR code on the top-right corner of the poster to enrolment.

Name:(Chinese) _____ Name:(English) _____

Mobile Phone No. (Available for receiving SMS message): _____

Registered Vehicle Mechanics (RVM) Registration No. (if any): _____ Email Address: _____

I do not agree that the EMSD and the JCEC may retain the personal data I provide, including my mobile phone number and email address, for the purpose of providing information on any courses or activities in the future.

Enquiries or submission of enrolment forms: Tel. No.: 2436 8716 | Fax. No.: 2434 5695 | Email Address: ty-jcec@vtc.edu.hk

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Hydrogen Fuel Cell Street Washing Vehicle Arrived in Hong Kong and Ready for Testing, Heading towards the Goal of Carbon Neutrality

The HKSAR Government (Government) announced the Strategy of Hydrogen Development in Hong Kong (the Hydrogen Strategy) on 17 June 2024.

On the day of announcing the Hydrogen Strategy, Secretary for Environment and Ecology Mr Tse Chin-wan said, "To face the challenge of climate change, the world is striving to phase out fossil fuels and accelerate energy transition. Hydrogen energy is regarded as a low-carbon energy with development potential and a great white hope of countries around the world, which are actively promoting the development of the hydrogen energy industry. On the path to developing the hydrogen energy industry, our country has a solid foundation, and already stating clearly that hydrogen would be an important component of the national energy system in the future. We must seize the opportunities brought about by the development of hydrogen energy, which can help Hong Kong strive towards carbon neutrality, develop a new quality productive force and maintain international competitiveness."

To prepare for opportunities presented by the development of hydrogen energy, the Government set up an Inter-departmental Working Group on Using Hydrogen as Fuel (the Working Group) in 2022, comprising more than 10 bureaux and professional departments, including the Electrical and Mechanical Services Department (EMSD), with the aim of removing barriers to local hydrogen applications. The Working Group has assisted in formulating interim standards for hydrogen applications in Hong Kong and given agreement-in-principle to 14 projects, including cross-boundary hydrogen transportation, supply facilities, as well as applications in transport, construction sites and remote areas.

To better formulate local hydrogen energy development strategies, the Government has engaged in dialogues and communication with relevant stakeholders in the industries to understand their views and concerns about hydrogen energy development. Based on the opinions collected, as well as the development of hydrogen energy around the world and in Hong Kong, we think that when promoting local application and legislative regulation of hydrogen energy, it is necessary to ensure safety and employ suitable technologies, and to meet the needs of infrastructure, cost-effectiveness, capability building and social consensus, which cannot be achieved overnight.



On the day of announcing the Hydrogen Strategy, Secretary for Environment and Ecology Mr Tse Chin-wan said that we had to seize the opportunities brought about by the development of hydrogen energy, in order to help Hong Kong strive towards carbon neutrality, develop a new quality productive force and maintain international competitiveness.



DEMS Mr Poon Kwok-ying said that hydrogen fuel cell vehicles would be introduced to the Government fleet, in the hope that the trial project of street washing vehicles could play a pioneering role in promoting the development of hydrogen energy together with the trade and the community.

DEMS Mr Poon Kwok-ying introduced the street washing vehicle to the participating guests and the media.



The Government hopes to help Hong Kong overcome the bottlenecks in regulations and standards, technology development and application, as well as human capital through the adoption of four major strategies, i.e., "improving legislation", "establishing standards", "aligning with the market", and "advancing with prudence". These strategies can enable Hong Kong to promptly grasp the development of hydrogen energy production and application technologies, so as to vigorously develop the hydrogen economy and expedite the low-carbon transformation in Hong Kong.

On the day when the Hydrogen Strategy was announced, the Government also showed the Hong Kong's first hydrogen fuel cell street washing vehicle (street washing vehicle) to the public, and Director of Electrical and Mechanical Services (DEMS) Mr Poon Kwok-ying explained to guests and the media the operating principle of the street washing vehicle's hydrogen fuel system, including how hydrogen fuel cells can safely generate



Secretary for Environment and Ecology Mr Tse Chin-wan (centre), Under Secretary for Environment and Ecology Ms Wong Shuk-han (fourth right), Under Secretary for Transport and Logistics Mr Liu Chun-san (second right), DEMS Mr Poon Kwok-ying (fourth left), Director of Environmental Protection Dr Chui Ho-kwong (third left), Commissioner for Climate Change Mr Wong Chuen-fai (third right), as well as the Hon Mr Chan Siu-hung (first left), the Hon Ms Quat Pei-fan (second left) and the Hon Mr Yick Chi-ming (first right) took a group photo at the launch event of the Hydrogen Strategy.

electricity with the hydrogen stored in the vehicle to drive the street washing vehicle and its street washing equipment.

Hong Kong successfully launched a trial scheme of the world's first tri-axle hydrogen fuel cell double deck bus and its dedicated hydrogen refuelling facilities in 2023. In accordance with the Hydrogen Strategy, the Food and Environmental Hygiene Department will launch a trial scheme of three street washing vehicles in the second half of 2024, and the first public hydrogen refuelling station will also be put into operation. In addition, the MTR Corporation Limited is planning to conduct the trial of a hydrogen fuelled light rail vehicle as a non-revenue train. The Government will submit legislative amendment bills into the Legislative Council in the first half of 2025 to provide a legal basis for regulating the production, storage, transportation, supply and application of hydrogen used or intended to be used as fuel; and continue to leverage on Hong Kong's distinctive advantages of enjoying strong support of the motherland and being closely connected to the world to promote more hydrogen fuel technology demonstration projects to be launched locally.

As hydrogen vehicles develop and are put into service, there is a need to establish specialised hydrogen fuel vehicle maintenance workshops locally to provide maintenance and repair services for hydrogen vehicles. In terms of hydrogen vehicle maintenance and repair personnel training, the EMSD and training institutions have begun studying the provision of technical training and related courses, as well as the launch of a hydrogen fuel vehicle maintenance registration scheme for vehicle mechanics and maintenance workshops to ensure the quality, safety and efficient operation of hydrogen fuel vehicle maintenance.



Secretary for Environment and Ecology Mr Tse Chin-wan (centre), Under Secretary for Environment and Ecology Ms Wong Shuk-han (fourth right), Under Secretary for Transport and Logistics Mr Liu Chun-san (third right), DEMS Mr Poon Kwok-ying (fourth left), Director of Environmental Protection Dr Chui Ho-kwong (third left), Commissioner for Climate Change Mr Wong Chuen-fai (second right), as well as the Hon Mr Yick Chi-ming (first right), the Hon Ms Quat Pei-fan (second left) and the Hon Mr Chan Siu-hung (first left) took a group photo in front of the street washing vehicle.

Chief Engineer/Gas Standard B of the EMSD Mr Wong Lui explained the hydrogen fuel system of the street washing vehicle to the media.

- 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) the name, address and telephone number of the new workshop.**
- 2 If there is any change in the information of the vehicle maintenance workshop (such as name of the workshop, registration number of the workshop, address, contact number and business registration certificate, etc.) or alteration in the type of workshop being registered, the person-in-charge of the workshop must, within **14 working days** of such change, notify the VMRU of the change in writing, and submit the relevant documents for processing.

Information on the Voluntary Registration Scheme for Vehicle Mechanics:

Total number of vehicle mechanics	9 668 ^{Note 1}
Number of registered vehicle mechanics (as at end of July 2024)	7 311

Information on the Voluntary Registration Scheme for Vehicle Maintenance Workshops

Total number of vehicle maintenance workshops	2 668 ^{Note 2}
Number of registered workshops (as at end of July 2024)	1 956

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

Note2: Database of the VMRU (updated in August 2023)

If you wish to help protect our environment by receiving 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 by e-mail or mobile communication as far as 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: _____

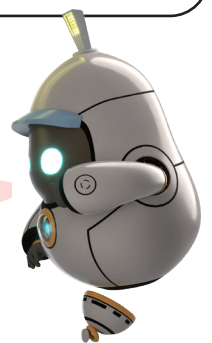


The electronic copy of the RVM Newsletter is also available on the EMSD website:

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.



- Q1.** Under the Voluntary Registration Scheme for Vehicle Maintenance Workshops (VRSVMW), which of the following electric vehicle (EV) workshops can a qualified registered vehicle maintenance workshop (RVMW) apply to become so as to provide the corresponding level of EV maintenance services?
- A** EV (Elementary) Workshop (EVE Workshop) **B** EV (Low Voltage) Workshop (EVL Workshop)
C EV (High Voltage) Workshop (EVH Workshop) **D** All of the above
- Q2.** Which of the following is correct regarding the requirements for EVE and EVL Workshops?
- A** At least one registered vehicle mechanic (RVM) qualified for the EVE or EVL service scope must be employed **B** The qualified RVM must be present when carrying out work within the relevant EV maintenance service scope
C All of the above **D** None of the above
- Q3.** Which of the following is correct regarding the requirements for an EVH Workshop?
- A** At least one RVM qualified for the EVH service scope must be employed
B The qualified RVM must be present when carrying out work within the relevant EV maintenance service scope
C The person-in-charge of the workshop must regularly provide suitable electrical safety training, for example, EV safety awareness courses approved by the Vehicle Maintenance Technical Advisory Committee, to all personnel who will come into contact with EVs
D All of the above
- Q4.** Which of the following is incorrect regarding "live-line" work carried out on EVs?
- A** "Live-line" work can be performed as long as there is an RVM qualified for the EVH service scope
B When an RVM qualified for the EVH service scope is performing "live-line" maintenance work on the high voltage system of an EV, another person with "rescue support capabilities" must stay outside the "caution zone"
C In addition to meeting personnel requirements, RVMWs with the EVH service scope must also provide personal protective equipment, first aid equipment, firefighting equipment, site facilities and emergency procedures that comply with the requirements specified in the Practice Guidelines for Electric Vehicle Maintenance
D A "caution zone" must be set apart in the workshop and clearly identified with warning signs. At the same time, traffic cones, tape or barriers must be used for separation between it and other zones
- Q5.** When did the Government announce the Strategy of Hydrogen Development in Hong Kong?
- A** 16 June 2024 **B** 17 June 2024
C 18 June 2024 **D** 19 June 2024

How to participate (Issue No.46)

Let's protect the environment and submit the answers online! Please scan the QR code or click on the link (<https://vmcpd.emsd.gov.hk>) to log into the VM Learning Station to submit the answers. Vehicle mechanics may also complete the form below, circle the correct answers, and send it to the VMRU by post, fax (3521 0243) or e-mail (vmru@emsd.gov.hk).



Deadline: 31 October 2024

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 answer 4 questions correctly 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. If you have already submitted your answers at the VM Learning Station, submission by post, fax or email is not necessary.
- If there are duplicate submissions, only the last answers submitted before the deadline will be accepted.
- 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. 45 are as follows:

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

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)	<p>http://www.proact.edu.hk/automobile Certificate in Vehicle Mechanical Repair#, a programme run by the Pro-Act Training and Development Centre (Automobile), may serve as another means for qualifying as registered vehicle mechanics. Mechanics who are interested in enrolling in the above programme may visit the website of the Centre.</p> <p># For details and latest developments of the programme, the information issued by the Pro-Act Training and Development Centre shall prevail.</p>	2449 1310	
The Institute of the Motor Industry Hong Kong	<p>http://www.hkimi.org.hk The Institute of the Motor Industry Hong Kong (IMIHK), formerly known as the Institute of the Motor Industry (IMI) - Hong Kong Branch, brings the mission and vision of the IMI to the Hong Kong automobile industry. After the reunification in 1997, the IMI - Hong Kong Branch applied to be renamed the IMIHK in Hong Kong. Eligible members of the trade are welcome to join the IMIHK or enroll in its courses or talks.</p>	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	<p>http://www.oshc.org.hk The Safety Handling of Chemicals course aims to provide employees with basic knowledge of the safe handling of chemicals. The course content includes hazards of chemicals, labelling of chemicals, safety precautions, personal protective equipment, emergency procedures, etc. For more course details, please contact the Occupational Safety and Health Training Centre.</p>	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	

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.

Fax No.: 3521 0243 E-mail: vmru@emsd.gov.hk Tel. No.: 2808 3545 WhatsApp: 9016 3185

Members of the Editorial Working Group:

Mr YIP Sui-pong (Chief Editor), Mr YIP Lai-hing, Mr CHAN Lap-yan, Mr WONG Lik-kuen, Mr CHEUNG Kam-hung, Mr CHUI Hau-leung, Mr CHAN Kwok-tin, Mr WONG Chi-hang, Mr MOK Kin-yue, Mr CHAN Tung and the VMRU.