

Taxis and Private Hire Vehicles – Dual Fuel and Alternative Fuel Conversions

Background

As part of the Mayor's Air Quality Strategy from 1 January 2012 a 10 year rolling age limit will be introduced for private hire vehicles

From 1 April 2012 all new or new to licensing private hire vehicles must, as a minimum, meet Euro 4 standards for emissions and be no older than 5 years.

A limited number of exemptions from the age-based limits have been consulted upon and approved. From 1 January 2012 all applications for an exemption must take place within the respective age limits (i.e. if the vehicle is older than the age limit it will not be possible to convert the vehicle and then make an application for exemption).

Dual Fuel and Alternative Fuel Conversions Exemptions

From 1 January 2012 a 15 year rolling age limit for taxis will be introduced and a 10 year rolling age limit will be introduced for private hire vehicles.

Other than pre-existing licensed vehicles (licensed before 1 January 2012), from 1 January 2012 any application for an exemption must be submitted within the respective age limits (i.e. if the vehicle is older than the age limit it will not be possible to convert the vehicle and then make an application for exemption from the age limit requirement).

Before commencing any gas fuel conversions it is essential that written approval is sought from the London Taxi and Private Hire (LTPH) Vehicle Policy Manager.

The guidelines below set out the current requirements for duel fuel and alternative fuel conversion exemptions.

- For PHVs and taxis only conversions from diesel powered to alternative fuel powered will be considered for approval
- All taxis and PHVs which are powered by Liquid Petroleum Gas (LPG), Compressed Natural Gas (CNG) or Biomethane, solely or in a dual fuel capacity, must comply with all the relevant legislation set out in the Road Vehicles Construction and Use Regulations 1986, Motor Vehicle Construction and Use Regulations 1986 (as amended), and any other relevant requirements.

All approved vehicle conversions must meet also meet the following requirements:

- Euro 6 legislative emissions standards (gasoline), as a minimum –
 documentary evidence of compliance with the relevant standards (i.e.
 meeting the limits for all the air pollutant emissions in the standard) will
 be required from a VCA approved emissions laboratory
- All LPG systems must be installed by a UKLPG Approved Autogas Installer. All vehicles presented for taxi or PHV licensing in London with an installed LPG fuel system must be registered on the UKLPG Register.
- All LPG installers must comply with the UKLPG Autogas Installations Code of Practice 11, as amended and any later version available
- Any previously licensed taxi with an existing LTPH approved LPG system and/or certificate of installation, must authenticate the certificate with the UKLPG trade association and record the vehicle on the UKLPG register before the point of licensing
- LPG fuel systems must meet the requirements of ECE 67.01 and/or the requirements of ECE 115, and provide:
 - An installation certificate from an appropriate approved Installation Engineer providing documentary evidence demonstrating that the LPG fuel system and installation meet the relevant ECE standards
- CNG fuel systems must meet the requirements of ECE 110 and/or the requirements of ECE 115, and provide:
 - An installation certificate from an appropriate approved Installation Engineer providing documentary evidence demonstrating that the CNG fuel system and installation meet the relevant ECE standards
- An appropriate certificate of installation must be produced with the taxi at the time of licensing inspection
- An appropriate certificate of LPG/CNG Fuel Tank Integrity will be required, as may any other additional periodic inspection certification, as required by the Vehicle Policy Manager
- LPG/CNG systems are required to have an annual service and safety check to ensure the safety and integrity of all components, fuel lines and storage tank

Information about the LTPH approval process for alternative fuel systems is available in the Vehicle Standards and regulations section of the Transport for London website at: tfl.gov.uk/tphpublications.

The UKLPG Vehicle Register can be found at: www.drivelpg.co.uk.

To Apply

PHV drivers and owners should complete form PHV/301 and taxi driver and vehicle owners should complete form MHC/301. These forms are available from our website at tfl.gov.uk/tph or by calling 0845 602 7000.

London Taxi and Private Hire



MHC/301

Mayor's Air Quality Strategy Vehicle Age Related Exemption Form (MHC)

F	or l	-TP	H u	se:	

Mayor's Air Quality Strategy

The Mayor's Air Quality Strategy was published in December 2010. This confirmed that:

- From 1 January 2012, no taxi more than 15 years old will be licensed
- From 1 April 2012, all new taxis must meet as a minimum the Euro 5 standard

Exemptions

A number of exemptions are available for taxis that meet specific criteria. If one or more of your vehicles fall within a category listed below, and you therefore believe an exemption should be granted, please tick the appropriate box and provide the relevant information on the reverse of this form:

Alternative fuel conversions		Complete sections A, B, E, and G
Classic/niche vehicles		Complete sections A, C, and G
Disabled Driver		Complete sections A, D, E, and G
	Classic/niche vehicles	Classic/niche vehicles

PLEASE NOTE:

- Any vehicle which has been previously licensed by Transport for London (TfL) but has not been licensed for more than <u>2 years</u> will be considered "new" to licensing.
- Any application for exemption from 1 January 2012 must take place within the respective age limits (i.e. if the vehicle is older than the age limit it will not be possible to convert the vehicle and then make an application for exemption).

Guidance

• Guidelines for each of the above categories can be found at tfl.gov.uk/tph

Please return completed form and supporting evidence to:

London Taxi and Private Hire 4th Floor, Palestra 197 Blackfriars Rd London SE1 8NJ

Α	Personal Details
A 1	Surname/family name
A2	Forename(s)
А3	Address
A4	Telephone number
A5	Email
A6	Relationship to vehicle/s
В	Alternative Fuel Types
	When an alternative fuel system adaptation has already been approved by TfL and installed before the implementation date of 1 January 2012 please provide details of the vehicle in Section E.
B1	Fuel type for approved vehicle/s LPG Other Please Specify
B2	Please confirm vehicle/s UKLPG Registered Yes No
	It is a requirement for the vehicle/s to be UKLPG registered for an exemption to be approved. Please visit www.drivelpg.co.uk to see whether vehicle/s are registered
В3	Please confirm original fuel type was diesel Yes No
	Please note - Only vehicles converted from diesel will be eligible. Petrol conversions will not be eligible.
B4	Proceed to section E
C	Classic/Niche Vehicles
C1	Exemptions will only be accepted under this category for Asquith taxis licensed prior to 1 January 2012.
	All other models will be rejected
C2	Proceed to section E

			Disabled Dri	vers
D1	Disabled drivers who have substantial adaptations made to their vehicle may be eligible for an exemption.			
		e your adaptation s of the vehicle in	, ,	proved by TfL please provided
	Where your adaptation has yet to be approved, you are required to complete a separate application form (TPH/210). This is available from our website at tfl.gov.uk/tph or by ringing 0845 602 7000			
E			Vehicle det	ails
E1		•	hicles you are applying onsidered for each.	g for below and indicate which
VF	RM	Make	Model	Exemption Type
				+
	Furthe	er vehicle details	can be added in table	on page 4 of application form.
	Furthe	er vehicle details		
E	Furthe	er vehicle details	can be added in table Data Prote	
Transpoint (include the purposite the received the receiv	port for L ding any I Irpose of oring. You quiremen	ondon (TfL) its subsi- references to your he assessing your appli ur personal information ts of the Data Protec	Data Protediaries and service provided ealth, ethnic origin, national cation, administering the licon will be properly safegua	ers will use your personal information lity, or previous criminal convictions), for censing regime, and equal opportunities orded and processed in accordance with rmation, including a full copy of the Taxi
Transpoint (include the purposite the received the receiv	port for L ding any I Irpose of oring. You quiremen	ondon (TfL) its subsi- references to your he assessing your appli ur personal information ts of the Data Protec	Data Protection of the control of th	ers will use your personal information lity, or previous criminal convictions), for censing regime, and equal opportunities and processed in accordance with rmation, including a full copy of the Taxity.
Trans (include the purposition of the purposition	port for L ding any i irpose of oring. You quirement ate Hire land are that a stand that nents are etails pro	ondon (TfL) its subsi- references to your he assessing your appli ur personal information its of the Data Protect Privacy notice, is ava all the information pro- to the grant of an exer- e subsequently found vided on this form. I user which exemption r	Data Protections and service provides ealth, ethnic origin, national cation, administering the licon will be properly safeguation Act 1998. Further infoallable at tfl.gov.uk/privacy Declaration vided on this form is true to mption from the vehicle age to be false. I undertake to understand that a failure to	ers will use your personal information lity, or previous criminal convictions), for censing regime, and equal opportunities and processed in accordance with rmation, including a full copy of the Taxity.

Vehicle details Cont'd

VRM	Make	Model	Exemption Type

London Taxi and Private Hire



PHV/301

Mayor's Air Quality Strategy Vehicle Age Related Exemption Form (PHV)

F	or l	.TP	H u	se:	

Mayor's Air Quality Strategy

The Mayor's Air Quality Strategy was published in December 2010. This confirmed:

- From 1 January 2012, a 10 year rolling age limit for PHV vehicles being relicensed from 2012 onwards
- From 1 April 2012, all new PHVs must meet as a minimum the Euro 4 standard and be no older than 5 years

Exemptions

A number of exemptions are available for PHVs that meet specific criteria. If one or more of your vehicles fall within a category listed below, and you therefore believe an exemption should be granted, please tick the appropriate box and provide the relevant information on the reverse of this form:

•	Alternative fuel conversions	Complete sections A, B, H, and J
•	Historic/Classic/niche vehicles	Complete sections A, C, H, and J
•	Disabled Driver	\square Complete sections A, D, H, and \square
•	Vehicles subject to the Low Emission Zone	Complete sections A, E, H, and J
•	Vehicles used for specialist needs transport	Complete sections A, F, H, and J
)	Wheelchair accessible vehicles	Complete sections A, G, H, and .

PLEASE NOTE:

- Any vehicle which has been previously licensed by Transport for London (TfL) but has not been licensed for more than <u>2 years</u> will be considered "new" to licensing.
- Any application for exemption from 1 January 2012 must take place within the respective age limits (i.e. if the vehicle is older than the age limit it will not be possible to convert the vehicle and then make an application for exemption).

Guidance

• Guidelines for each of the above categories can be found at tfl.gov.uk/tph

Please return completed form and supporting evidence to:

London Taxi and Private Hire 4th Floor, Palestra 197 Blackfriars Rd London SE1 8NJ

Α	Personal Details		
A 1	Surname/family name		
A2	Forename(s)		
А3	Address		
	L		
A4	Telephone number		
A5	Email		
A6	Relationship to vehicle/s		
В	Alterr	native Fuel Types	
		otation has already been approved by TfL on date of 1 January 2012 please provide	
	make a separate application. Please	s yet to be approved, you are required to read the guidelines for this exemption which low. These are available at tfl.gov.uk/tph	
B1	Fuel type for approved vehicle/s LP	G CNG Bio methane other	
B2	Please confirm vehicle/s UKLPG Reg	gistered Yes No	
	•	be UKLPG registered for an exemption to be co.uk to see whether vehicle/s are registered	
В3	Please confirm original fuel type was	diesel Yes No	
	Please note - Only vehicles converte conversions will not be eligible.	ed from diesel will be eligible. Petrol	
B4	Proceed to section H		
C	Historic/C	Classic/Niche Vehicles	
C1	Historic: Only vehicles registered wi for historic exemption.	th DVLA before 1 January 1973 are eligible	
	All vehicles registered after this date	will be rejected	

For applications for exemption on grounds that your vehicle meets the 'historic' criteria, please complete **Section C3** confirming the date the vehicle/s was first registered and provide a business reason as to why you need to continue to licence this particular vehicle as a private hire vehicle.

- C2 Classic/Niche: For applications on the grounds that an exemption is required due to the vehicles status as a classic or niche status, please complete Section C3 confirming the following details as a minimum:
 - Details of the vehicle and why it should be deemed a classic or niche vehicle

Please state your business reasons below (attach additional evidence as

Details of your business and the service offered.

C3

- Why other vehicles could not be used to provide the same service
- Details of any modification that have been carried out to your vehicle (*if applicable*)

appropriate e.g. photographs of vehicle, conversion certification confirming any

modification of vehicle, etc) (Please continue on separate sheet if required)

D4 Proceed to section H

D	Disabled Drivers
D1	Disabled drivers who have substantial adaptations made to their vehicle may be eligible for an exemption. Where your adaptation has already been approved by TfL please provided details of the vehicle in section H.
	Where your adaptation has yet to be approved, you are required to complete a separate application form (TPH/210). This is available from our website at tfl.gov.uk/tph or by ringing 0845 602 7000
E	Vehicles subject to Low Emission Zone
	Where it has been identified that a vehicle is subject to the Low Emission Zone (LEZ) TfL will consider granting an exemption. Visit www.tfl.gov.uk/lez to see whether your vehicle is/will be affected.
E1	Please tick here if your vehicle is/will be subject to LEZ
E2	Please confirm why this particular type of vehicle is required to be licensed as a private hire vehicle. Confirming as a minimum the following details:
•	Include details of all adaptations or modifications to the vehicles which enable them to fulfil the service and any additional vehicle certifications regarding the testing of the adaptations/modifications from Authorities such as VOSA or the VCA State why other vehicles could not be used to provide the same service
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	(Please continue on separate sheet if required)

Before submitting your application, please consider whether any of the other exemption categories are applicable for this vehicle

E3 Proceed to section H

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PHVs used for specialist needs transport

Applications for an exemption can be made for licensed PHVs that are used to carry out a specialist needs transport service. Please complete **Section F1** confirming the following details as a minimum:

- Details of all adaptations or modifications to the vehicles which enable them to fulfil the service and any additional vehicle certifications regarding the testing of the adaptations/modifications from Authorities such as VOSA or the VCA
- · Why other vehicles could not be used to provide the same service
- Supporting information such as a copy of a contract with a Local Authority, Educational Authority or Health Trust to supply the type of services as described in the application
- Details of your business and the service offered.

Г !	above and photographs of vehicle where appropriate.
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	(Please continue on separate sheet if required)
	(1 loade definition of departure direct if required)

F2 Proceed to section H

G

Wheelchair accessible vehicles

Exemptions under this category will only be considered when a vehicle has been manufactured and type approved or permanently adapted/modified to enable a passenger using a wheelchair to enter, exit and travel safely and securely whilst always remaining in their wheelchair, for their entire journey.

Where your vehicle has been inspected and the wheelchair adaptation or modification approved please provide details of the vehicle in Section H and your application will be considered.

Where your adaptation/modification has yet to be approved, you will need to have your vehicle inspected. Appropriate vehicle certification will be required verifying that the vehicle is type approved as a WAV or, as adapted or modified, has been inspected and certified by an appropriate Authority (e.g. such as VOSA or the VCA).

G1	Please confirm whether your vehicle has been previously inspected with the
	adaptation/modification approved:

Previously approved Proceed to G3

Yet to be approved Proceed to G2

- G2 Confirm date of modification
- G2 Proceed to Section H

<u>H</u>	Vehicle details						
H1 Please identify the vehicles you are applying for below and indicate which exemption should be considered for each.							
VF	RM	Make	Model	Exemption Type			
ı	Further	vehicle details ca	n be added in table o	n page 8 of application form.			
	Data Protection						
(includin purpose monitoria requirem	g any ref of asses ng. Your nents of t	erences to your healt sing your application, personal information he Data Protection Ad	h, ethnic origin, nationalit administering the licensi will be properly safeguard	s will use your personal information y, or previous criminal convictions), for the ng regime, and equal opportunities ded and processed in accordance with the on, including a full copy of the Taxi &			
J	Declaration						
the grant subseque this form	t of an ex ently fou . I under	cemption from the veh nd to be false. I unde stand that a failure to	nicle age limit requiremen rtake to keep TfL informe do so will constitute a bre	the best of my knowledge. I understand the transition to the can be refused if any statements are doing of any changes to any details provided ceach of the conditions under which rawal of exemption, if granted.			
Signatur	е		Date	D D M M Y Y Y Y			

Vehicle details Cont'd

VRM	Make	Model	Exemption Type