

Alternatively Fuelled Vehicle (AFV) Workshop

A mandatory **5 hour** course for **Cat B** licence holders to drive an AFV goods vehicle not exceeding 4.25 tonnes. On road coaching available.

- Duration **5 hours**
- Delegate numbers **12** online : **16** Classroom
- Formats available

Classroom workshop

Virtual classroom live



ttc

Overview

In 2018, UK law was changed so that the weight limit for Cat B driving licence holders driving alternatively fuelled vehicles could be increased from 3.5 tonnes to 4.25 tonnes. This increase in the maximum authorised mass is to offset the loss of payload capacity due to the weight of the batteries.

This course is aimed at businesses looking to reduce their carbon footprint and transition their fleet to alternative fuel such as electric, hydrogen, natural gas or biogas.

Training can only be delivered by a registered trainer on the National Register of LGV Instructors (NRI) or National Vocational Driving Instructor Register (NVDIR).

On completion drivers will receive an official certificate as evidence that they can legally drive an AFV up to 4.25 tonnes and undergo additional training on road, over and above the mandatory 5 hours.

Drivers must complete 5 hours of specific workshop training, as defined by in the Department for Transport guidance document details of which can be found by scanning this QR code.



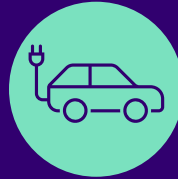
Alternatively Fuelled Vehicle Workshop



At the end of the workshop drivers will have:



Be able to legally drive an AFV <4.5t on a Cat B licence



The knowledge how to refuel an AFV and the safety implications of driving one



An improved awareness in how to get the very best out of an AFV in terms of range and performance



An understanding of why it is so important that AFV's exist and how they play a part in the reduction of air pollution



An enhanced understanding of the limitations of each type of fuel and how they can adopt a driving style to suit each one, especially with regards vulnerable road users



A greater understanding of the various forms of electric, hybrid and alternative fuel vehicles



An enhanced understanding of the change in legislation and any impact on drivers hours recording

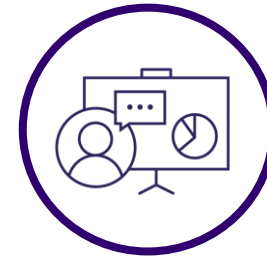
Delivery method

The workshop will be delivered by a registered trainer with the NRI or the NVDIR, who will fully engage with the participants to maximise the learning experience. Drivers will be facilitated through the learning and attain the knowledge required to attain their certificate.

Our AFV Workshop is available in our virtual classroom live format or in a face-to-face classroom format, allowing for maximum flexibility in terms of participant location and running time.

On road training and vehicle familiarization can be included as an additional programme, typically one hour per driver, scheduled for another date. This additional training is recommended and should be discussed at workshop booking.

Delivery formats available:



Classroom workshop

- Duration: **5** hours
- Delegates: up to **16** delegates



Virtual classroom live

- Duration: **5** hours
- Delegates: up to **12** delegates

Workshop benefits



Reduce your drivers risks while adjusting to driving an AFV

Training will reduce driver risk, familiarise the driver to the technology and how the vehicle should be driven to reduce collision rates, fleet costs and reputational damage



Meet your duty of care and achieve a reduction in your carbon footprint

This course are designed to help you meet your duty of care obligations and any carbon reduction targets

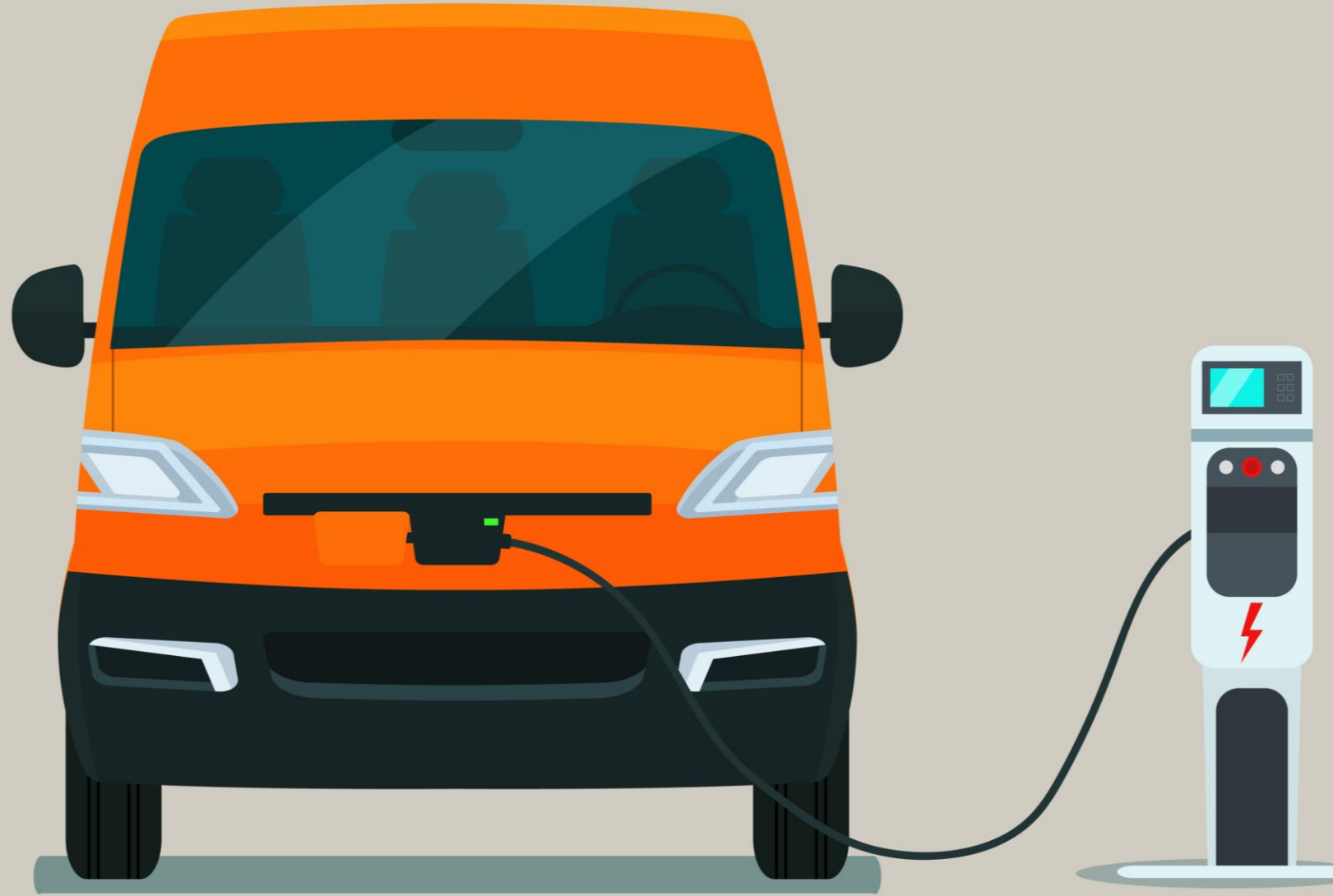


Ensure you have road legal drivers driving on a Cat B licence and driving an AFV goods vehicle

- Drivers registered and gain a certificate to drive an AFV goods vehicle on a Cat B licence
- Drive AFV safely and with greater consideration to vulnerable road users
- Gain maximum range on every charge through new driving techniques

Who should attend?

Any Category B licence holder wanting to drive a AFV Goods Vehicle up to 4.25 tonnes and not having to take their Category C driving test.



Workshop outline

Introduction

- An introduction to your classroom session
- What you can expect to learn
- How to operate virtual classroom (if required)
- Basic housekeeping for the session
- How the fair processing information is gathered
- How we use your data

Licensing requirements

- What categories drivers require to drive an AFV
- What rules they must meet under the requirement

Unit 1: Preparing an AFV and its contents for daily use

- Assess your own and your vehicle's safety
- Driver fitness
- Vehicle roadworthiness
- All AFV types, advantages and disadvantages
- Risks around refuelling or recharging
- How to charge and dealing with charging stations and different connectors
- Cleaning an AFV & cables to avoid touching

Loading and refuelling an AFV

- Understanding the issues around driving a loaded and unloaded AFV safely and securely
- How to refuel and recharge safely

Unit 2: Drive the AFV in accordance with the Highway Code and regulations

- Highway Code content around speed limits
- The new authorisation regulations apply when:
 - Driving and AFV only in Great Britain
 - Relevant only to Cat B licence holders
 - Complete mandatory five hours of training
 - The AFV they drive has a maximum authorised mass of more than 3.5t and less than 4.25t
- Not pulling a trailer
- The driving is for transportation of goods
- Exemption from holding an operator licence
- EC drivers' hours apply to vehicles/vehicle & trailer combination which do not exceed 4.25t. This applies when:
 - Used to carry goods
 - Their fuel is natural or liquefied gas or electricity
 - Drivers are within 100km radius from their base, therefore exempt from using a tacho
- GB domestic rules drivers' hours'

Unit 3: Drive safely and efficiently

- Guiding and controlling your AFV
- Driving in traffic and weather conditions
- Hazard perception
- Dealing with vulnerable road users
- Handling an AFV and degrees of acceleration
- Use of controls
- How each fuel type can react in a crash
- Avoiding bridge strikes
- Maximising the range of each charge
- Using regenerative braking
- Using different regenerative braking settings available
- Consideration to strong deceleration and potential danger from behind
- Planning your journey
- Range, recharging and how to locate a charging station
- Your AFV's load
 - Correctly loaded for security and stability
 - Impact of multi-drop deliveries and how they load
 - Impact of load on range of the vehicle
 - Site safety and reversing

Post training

- Driver registration and certificate to home address
- Replacement certificates £15 from registrar
- Completion of knowledge quiz & receive handout

Logistics

Our AFV awareness workshop is designed to be taken either in a real or virtual classroom environment. In order to facilitate this for all attending a real classroom environment you will need:

- A room big enough to comfortably seat all attending
- A Screen and projector or suitable TV
- Flipchart and pens
- Suitable toilet facilities
- Refreshments
- Internet access
- All participant will require a mobile phone or tablet

DRIVERS MUST BRING THEIR DRIVING LICENCE.

The driver's name, address and driving licence number will be recorded so details can be registered, and a certificate issued. This register can be accessed by enforcement agencies, the driver's employer and the driver/employers motor insurer.



Logistics

Our Alternatively fuelled vehicle awareness workshop is designed to be taken either in a real or virtual classroom environment. In order to facilitate your workshop via our virtual classroom format all attending will need:

Computer, laptop or Tablet

(Mobile phones are not suitable due to the size of the screen)

All devices must have:

- A stable Internet access connection
- Web camera and microphone
- Speakers or headphones
- Enough battery charge for at least 6 hours

DRIVERS MUST BRING THEIR DRIVING LICENCE.

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To book

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Developing safer driving behaviours and
reducing your fleet running costs

