

Vehicle Fitting (Assessment Requirements-Skills Units)

Assessment Requirements

Unit G0102S – Demonstrating Skill in Health, Safety and Good Housekeeping in the Automotive Environment

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of use of personal and vehicle protection, cleaning the work environment and disposal of waste on **2** separate **occasions**.
5. produce evidence of identifying risks which may result from at least **2** of the items listed below:
 - the use and maintenance of machinery or equipment
 - the use of materials or substances
 - working practices which do not conform to laid down policies
 - unsafe behaviour
 - accidental breakages and spillages
 - environmental factors
7. produce evidence of identifying risks.
8. produce evidence of following at least **2** of the workplace policies listed below:
 - the use of safe working methods and equipment
 - the safe use of hazardous substances
 - smoking, eating, drinking and drugs
 - what to do in the event of an emergency
 - personal presentation
9. produce evidence of following workplace policies

Assessment Requirements

Unit G3S – Demonstrating Skill in Supporting Job Roles in the Automotive Work Environment

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce witness testimony from your peers **and** supervisor **or** tutor that you have worked well with others.
5. produce evidence carrying out the above whilst performing your normal duties.

Assessment Requirements

Unit G3.1S – Demonstrating Skill in Supporting Job Roles in the Automotive Work Environment

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce witness testimony from your **work colleagues** that you have worked and communicated well with them.
5. be observed working with others during your normal duties.

Assessment Requirements

Unit G4S – Demonstrating Skills in the use of Materials, Fabrication, Tools and Measuring Devices in the Automotive Environment

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of undertaking basic routine checks of hand tools, measuring devices and workshop equipment covering all of those listed below:
 - electrical
 - mechanical
 - pneumatic
 - hydraulic
5. produce evidence of fabricating **at least 1 item** from suitable materials to known tolerances, which includes the following processes:
 - filing
 - tapping threads
 - cutting
 - drilling
 - joining
5. be observed by your assessor carrying out routine checks and during stages of fabrication

Assessment Requirements

Unit G6S – Demonstrating Skills in Making Learning Possible through Demonstration and Instruction

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. provide **1 record** of an activity which has been a combination of demonstration and instruction.
5. provide records of an **observation**, which covers **a combination of demonstration and instruction**.

It is expected that the **records** must include evidence to show how you:

- decided on the sequence of the demonstration
- ensured that the demonstration was accurate and realistic
- identified which learning outcomes were achieved
- ensured a safe environment for the demonstration and allowed all learners to see the demonstration clearly

In preparing the record you should consider:

- which types of learning are best achieved and supported through demonstrations
- how to choose between instruction and demonstration as learning methods
- how to identify individual learning needs
- which factors are likely to prevent learning and how to overcome them
- how to choose and prepare appropriate materials, including technology based materials.
- which types of learning are best achieved through instruction
- how to make sure everybody acts in line with health, safety and environmental protection legislation and best practice
- how to analyse developments in learning and new ways of delivery, including technology based learning

It is also expected that evidence from your observations **will show** how you:

- structured the demonstration so that the learner got the most out of it
- encouraged learners to ask questions and get explanations at appropriate stages in the demonstration
- gave learners the opportunities to practice the skill being demonstrated
- gave learners positive feedback
- reinforced learning by repeating demonstration
- responded to the needs of learners during the demonstration
- reduced distractions and disruptions as much as possible
- matched instruction to the needs of learners
- ensured that the manner, level and speed of the instruction encourages learners to take part
- regularly check that learners understand and adapt instruction as appropriate
- gave learners positive feedback on the learning experience and the outcome achieved
- identified anything that prevented learning and reviewed this with the learner

Evidence from **real** or **simulated** activities and **role play** is acceptable for this unit.

Assessment Requirements

Unit G8S – Demonstrating Skills in Identifying and Agreeing Motor Vehicle Customer Service Needs

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence, including records, to show that you have dealt with **3 different customers**.
5. be observed by your assessor on at least **1** occasion

Evidence from real activity **or role-play is acceptable** for this unit

Assessment Requirements

Unit VF01S – Demonstrating Skills in Inspection, Repair and Replacement of Standard Light Vehicle Tyres

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of inspecting wheel, tyre and valve assemblies and the removal and replacement or refitting of **at least 1 of the 3 types of tyre** listed below on **at least 2** occasions
 - radial
 - cross ply
 - bias belted
5. produce evidence of repairing **at least 1 of the 3 types of tyre** listed above.
 -
6. produce evidence of balancing **at least 2** wheels to manufacturers' tolerances
7. produce evidence of carrying out final safety checks on a vehicle prior to release

Assessment Requirements

Unit VF02S – Demonstrating Skills in Inspection, Repair and Replacement of High Performance Light Vehicle Tyres

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of inspecting wheel, tyre and valve assemblies and the removal and replacement or refitting of **at least 2 of the 5* types of tyre** listed below.
Those:
 - with high speed ratings, for example V, W, Y, or Z.(nb as before in k)
 - having an aspect ratio of 55% or **below**
 - with run flat capability
 - with directional and asymmetric tread patterns
 - with composite tread patterns
5. produce evidence of repairing **at least 1 of the 5* types of tyre** listed above.
6. produce evidence of balancing a wheel and tyre assembly to manufacturers' tolerances.

Assessment Requirements

Unit VF03S – Demonstrating Skills in Inspection, Repair and Replacement of Commercial Vehicle Tyres

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of inspecting wheel, tyre and valve assemblies and the removal and replacement or refitting of tyres to **at least 2 of the 4 types of** wheel rim listed below.
 - 17.5, 19.5 and 22.5 diameter code rims
 - external valve aperture or hole rims (EVA / EVH)
 - split rims
 - wide single rims
5. produce evidence of repairing a commercial vehicle tyre / assembly on **1** occasion.
6. produce evidence of regrooving tyres and carrying out final checks on tyre safety and legal requirements on **1** occasion.

Assessment Requirements

Unit VF04S – Demonstrating Skills in Inspection, Repair and Replacement of Motorcycle Tyres

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of inspecting wheel, tyre and valve assemblies and the **removal** and **replacement** or **refitting** motorcycle tyres on **at least 2 different** occasions.
5. produce evidence of repairing a **motorcycle tyre**.
6. produce evidence of successfully balancing **1** wheel and tyre assembly to manufacturers' tolerances,.
7. produce evidence of carrying out final wheel and tyre related safety checks on **1** motorcycle.

Assessment Requirements

Unit VF05S – Demonstrating Skills in Inspection, Repair and Replacement of Plant Equipment Tyres

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of inspecting wheel, tyre and valve assemblies and the removal and replacement or refitting of plant equipment tyres on **at least 2** occasions.
5. produce evidence of repairing a plant equipment **tyre** on **1** occasion,.

Assessment Requirements

Unit VF06S – Demonstrating Skills in Inspection, Repair and Replacement of Industrial Equipment Tyres

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of inspecting wheel, tyre and valve assemblies and the removal and replacement or refitting of industrial equipment tyres on **at least 2** occasions.
5. produce evidence of repairing industrial equipment tyres on **at least 2** occasions.

Assessment Requirements

Unit VF07S – Demonstrating Skills in Completing Light Vehicle Four Wheel Alignment

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of carrying out **checks** and **adjustments** of **four** wheel alignment on **1** vehicle.

Assessment Requirements

Unit VF08S – Demonstrating Skills in Inspection and Replacement of Light Vehicle Clutches

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of inspecting **3** of the **4** components, assemblies or systems listed below.
 - mechanical clutch operating system
 - hydraulic clutch operating system
 - clutch assemblies
 - flywheel
5. produce evidence of replacing **1** clutch assembly.

Assessment Requirements

Unit VF09S – Demonstrating Skills in Inspection and Replacement of Light Vehicle Exhaust Components

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of inspecting and replacing **4** out of the **6*** types of exhaust components or systems listed below.
 - complete exhaust system
 - part exhaust system
 - catalytic converter
 - lambda sensor
 - studs and nuts
 - mountings and clamps
5. produce evidence of using **2** of the **4*** types of tools or equipment listed below.
 - hand tools
 - special purpose tools
 - lifting and supporting equipment
 - cutting or heating equipment

Assessment Requirements

Unit VF10S – Demonstrating Skills in Inspection, Testing and Replacement of Vehicle Batteries and Related Components

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of inspection and test activities on **1 occasion** to cover **all** of the battery and component items listed below, using **2** out of the **3*** types of inspection and testing techniques shown:
 - automotive batteries
 - battery connections
 - battery supports
 - battery hold down devices
 - generators
 - drive belts

Inspection and Testing techniques – use of:

 - visual / aural methods
 - hand held diagnostic equipment
 - battery testing equipment
5. produce evidence of replacing a battery on **at least 1 occasion**
6. produce evidence of inspecting and testing a **generator**.

Assessment Requirements

Unit VF11S – Demonstrating Skills in Inspection and Replacement of Light Vehicle Suspension Dampers and Springs

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of inspecting, testing and replacing **2** out of the **8** types of suspension dampers and springs listed below on at least **1** occasion.
 - Telescopic,
 - Lever arm
 - Semi / MacPherson strut
 - Gas assisted
 - Coil spring
 - Leaf spring
 - Torsion bar
 - Rubber
6. be observed on completing the inspection, removal and replacement of a suspension damper and spring using specialist tools and equipment as appropriate.

Assessment Requirements

Unit VF12S – Demonstrating Skills in Inspection and Replacement of Light Vehicle Braking Systems and Components

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of inspecting, replacing, testing and adjusting where appropriate, **5 different components** out of the 13 shown below.

Components

- master cylinders
- servos
- brake pads
- brake shoes
- calipers
- disc
- drum
- wheel cylinders
- backing plates
- parking brake mechanisms, adjusters or cables
- pipes
- load sensing / equalizing valves
- electronic sensors / actuators

The evidence must include at least **1** of each: mechanical and/or electronic and hydraulic units or components. **1** piece of evidence **must** include **brake bleeding**.

5. carry out the replacement of components and bleed brakes.

Assessment Requirements

Unit VF13S – Demonstrating Skills in Safe use of Oxy-Acetylene in Automotive Applications

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce 1 piece of evidence of setting up hand held oxy-acetylene equipment and carrying out checks to the vehicle and surrounding area prior to cutting or heating.
5. produce evidence of using hand held oxy-acetylene equipment to perform thermal cutting procedures to the appropriate standard to produce **at least 1** of the following features listed below:
 - cut pipe sections straight through
 - female from male pipe cuts
 - male from female pipe cuts
6. set up and use hand held oxy-acetylene equipment and performing thermal **cutting** procedures.

Assessment Requirements

Unit VF44S – Demonstrating Skills in Receiving and Storing Stock

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of carrying out the receipt and storage of stock on **at least 2 separate** occasions. You will also need to produce evidence of dealing with the discrepancies listed below on **at least 1** occasion.
 - damage
 - incorrect stock
5. produce evidence of selecting and issuing parts.

Evidence from simulated activities and role play **is** acceptable for this unit.

Assessment Requirements

Unit LV01S – Skills in Routine Light Vehicle Maintenance

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. be observed by your assessor successfully carrying out servicing activities on **at least 1 vehicle** which collectively covers the Learning Outcomes.

Assessment Requirements

Unit RR03S – Demonstrating Skills in Assessing and Securing the Roadside Situation

General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out in your training workshop as managed and organised by an approved centre.
3. be observed by an assessor as defined by the IMI Assessment Strategy.
4. produce evidence of assessing and securing a simulated roadside situation, comprising the following **specified situation**:
 - **1** breakdown **off** a live carriageway

The evidence should also show how to secure the safety of the driver / passengers of a broken down vehicle