

End-point assessment venue and resources list

9301-13 Motor Vehicle Service and Maintenance Technician (Light Vehicle), Level 3

This document lists the requirements for the end-point assessment (EPA). These may include:

- venue specifications
- IT requirements
- tools
- resources
- physical resources.

If you don't meet these requirements, it may not be possible to assess your apprentice properly and the EPA event may have to be cancelled. You will still be charged.

Please read through this list carefully and share with colleagues who may be needed to help meet the requirements. Remember that we're here to help you, if you have questions not answered here or in the assessment plan, you can talk to your business manager or email apprenticeships@cityandguilds.com.

End-point assessment

The focus of the EPA is for the apprentice to demonstrate the values, knowledge, skills and behaviours set out in the apprenticeship standard and to be able to demonstrate this level of professional competence in authentic workplace contexts.

EPAs are formal summative assessments that conclude an apprenticeship programme. Each apprenticeship will be assessed in a number of ways to provide a clear indication of the apprentice's knowledge and skills. For this apprenticeship the following assessment methods need to be achieved:

- online knowledge tests
- skills test
- professional discussion.

Remote assessment

Remote assessment is live assessment that is supported by technology where the IEPA and the apprentice are not in the same physical location when the assessment takes place.

For this apprenticeship the following assessments can be conducted remotely:

- professional discussion

For more detailed information around the conditions and requirements that must be met for remote assessment please refer to the **Manual for the End-Point Assessment Service**.

Resource required

Online test

Suitable IT systems for e-volve as outlined in the Manual for the End-Point Assessment Service

An invigilator

A quiet room with adequate lighting, space and privacy. It must be away from the pressures of work activities, in a controlled environment. This may be on or off the employer's premises

Skills test

General garage hand tools and equipment

- Waste disposal and recycling facilities
- Working surface/bench with fixed vice
- Torque wrench (selection of sizes)
- Inspection lamp
- Pry bars
- Basic engineering tools to support cutting, filing, joining and drilling tasks
- Hand tools to include: spanner, sockets/ratchets, screwdriver, hammer, taps, dies, rivets, scribe
- Ammeter and Amps-clamp
- Socket sets $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$
- Impact drivers – air, electric
- Hand lamps – safe voltages required
- Electrical circuit board equipment
- Drill, drill bits
- Files, punches, general metal workshop tools
- Allen keys
- Spline and Torx sockets
- Pullers
- Compressor and airline system
- Vehicle protection – wing, seat, steering and floor
- Consumables – nuts, washers, bolts, wire terminals, gasket paper, gaskets, solder/iron, puncture repair
- Gasket paper, gaskets
- Grease, oils, sprays, sealants
- Antifreeze
- Spillage kits
- Benches and vice

Heavy garage equipment

- Vehicle lift – 2 or 4 post with wheel free capability
- Tyre removal and wheel balancing equipment
- Hydraulic press
- Engine lifting and support equipment

- Emission analysis equipment (petrol only)
- Lifting equipment: vehicle ramps, jacks and stands
- Lifting equipment transmission
- Wheel alignment for two wheel, KPI/SPI, camber, castor and toe
- Press and press tools
- Tyre fitting equipment with 3rd arm
- Wheel balancing equipment-dynamic electronic type
- Brake test equipment - Dynamometer roller tester

Specialist and diagnostic

- Exhaust extraction equipment – to industry test standards
- Mechanical measuring equipment e.g. Vernier, micrometre, feeler gauges, DTI
- Electrical measuring equipment e.g. volt meter, ohm meter, ammeter
- Coolant pressure test equipment
- Computer diagnostic interface equipment
- Brake bleed equipment
- Diagnostic electronic scope
- Data source for vehicle information
- Oil pressure test equipment
- Headlamp alignment
- Oil drain and filter removal equipment
- Compression and cylinder leak tester

Due to the extensive range in type and model of vehicles being used, some tools for an apprentice doing the same job may differ.

Within the EPA, the job will be stated and the vehicle or vehicle rig used for that assessment will need to be provided along with the tools to carry out that task.

This may vary between centres and manufactures.

Venues can use specially prepared vehicles with panels removed, or cut, for ease of access. This allows the task to be completed in the allocated time frame as the apprentice will have easy access to all of the necessary components.

Professional discussion

A suitable room for the professional discussion/interview to take place, large enough to accommodate all those involved including panel member where applicable

Seating area or room for any other apprentices to wait

Access to water and cups

Where applicable, internet access and suitable equipment for remote assessment as outlined in the Manual for the End-Point Assessment Service