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## **500/9984/X Level 3 Diploma in Heavy Vehicle Maintenance and Repair Competence**

### OVERVIEW

- What does this qualification cover?

This qualification covers the knowledge and skills required to work competently as a Heavy Vehicle Diagnostic Technician.

Heavy Vehicle Diagnostic Technicians inspect, maintain and repair large vehicles such as lorries and trucks. Technicians use diagnostic tools to identify the source of the problem then make the necessary adjustments and repairs. Their duties may include:

- Diagnosing the cause of a problem
- Repairing the problem in line with manufacturers' standards
- Repairing and replacing vehicle components
- Testing existing and repaired systems
- Checking for problems in newer vehicles with testing equipment connected to the vehicle's electronic control unit (ECU)
- Liaison with manufacturers and parts advisors.

Other non-technical but essential skills also include:

- Excellent practical skills
- The ability to work quickly with attention to detail
- The ability to work without supervision
- Good communication skills
- The ability to follow written and verbal instructions
- A reasonable level of fitness and normal colour vision
- Confidence in working with diagnostic equipment
- The ability to keep calm under pressure and stay focussed
- The ability to solve problems.

This is a framework qualification.



- Who could take this qualification?

This is a practical qualification for Heavy Vehicle Diagnostic Technicians who want to demonstrate their skills on the job, in their own workplace.

#### WHAT COULD THIS QUALIFICATION LEAD TO?

Candidates who are successful will have the following progression opportunities available:

Learners who are successful will have proved they are able to work competently at the standard expected for a Heavy Vehicle Diagnostic Technician.

In terms of further training, learners could register upon completion on to the Level 4 Diploma in Advanced Vehicle Diagnostics and Management Principles (601/1221/9) to acquire the advanced diagnostic skills required to move into the next level.

In addition, they could take up a Higher Apprenticeship in Vehicle Maintenance and Repair to become a Heavy Vehicle Master Technician.

#### WHO SUPPORTS THIS QUALIFICATION?

This qualification is supported by the Society of Motor Manufacturers and Traders (SMMT). The SMMT works closely with key players in the industry such as manufacturers, independent garages, governmental organisations to act as the voice of the motor industry and promoting its position in the UK and abroad.