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City & Guilds

0059 Level 2 Diploma in Work-based Land-based Engineering Operations
501/0302/7

OVERVIEW

- What does this qualification cover?

This qualification covers a very wide range of areas related to the skills and knowledge required for working in the Land-based Engineering industry.

All learners must take the mandatory units:

Monitor and Maintain Health and Safety in a Land-based Engineering Work Area

Land-based Engineering Operations – Applying Mechanical Principles

Land-based Engineering Operations – Understand How to Use, Service and Maintain Tools and Equipment

Land-based Engineering Operations – Material Preparation, Shaping and Assembling

Land-based Engineering Operations – Carry Out Servicing and Maintenance on Land-based Equipment

Land-based Engineering Operations – Perform Thermal Joining and Cutting Processes

Land-based Engineering Operations – Service and Repair Cooling and Lubrication

Plus for the Agriculture, Arboriculture and Forestry and Groundcare pathways the following are mandatory:

Service and Repair Electrical Systems on Land-based Equipment

Service and Repair Hydraulic Systems and Components on Land-based Equipment

Maintain and develop personal performance

Establish and maintain effective working relationships with others

Plus for the Fixed Plant and Storage pathway, the following are mandatory:

Service and Repair Land-based Transport Handling and Storage Equipment

Service and Repair Pneumatic Systems and Components For Land-based Equipment

Service and Repair Mechanical Transmissions on Land-based Equipment

Service and Repair Electrical Systems on Land-based Equipment

Service and Repair Hydraulic Systems and Components on Land-based Equipment

Maintain and develop personal performance

Establish and maintain effective working relationships with others

There are a wide number of optional units that can be taken to meet your special interests or industry/local need.



This is a Framework qualification.

- Who could take this qualification? OR who is this qualification designed for?

This qualification is part of the Apprenticeship in Land-based Engineering Operations, or it may be taken as a stand alone qualification.

It is a work-related, competence-based qualification, and is designed for someone in work or who wishes to progress into work. It reflects the skills and knowledge needed to do a job effectively, and shows that you are competent in the area of work the qualification represents.

The qualification may allow you to combine working in a Manufacturer, Dealership or workshop setting or a similar job, and typically involves you attending one day a week at College or with a Training Provider.

There are no specific prior achievements required to take this qualification, but a Level 1 or another Level 2 qualification in Machinery or related subjects could be an advantage.

You need to be 16 years old or over to take this qualification.

WHAT COULD THIS QUALIFICATION LEAD TO?

This qualification could lead to jobs such as:

- Service Technician
- Groundcare Technician

You could progress to an Apprenticeship at Level 3 or other qualifications at Level 3 such as:

Level 3 Certificate in Land-based Technology
Level 3 Subsidiary Diploma in Land-based Technology
Level 3 90 Credit Diploma in Land-based Technology
Level 3 Diploma in Land-based Technology
Level 3 Extended Diploma in Land-based Technology
Level 3 Diploma in Work-based Land-based Engineering Operations (stand alone or as part of an Apprenticeship).

WHO SUPPORTS THIS QUALIFICATION?

This qualification is supported by the British Agricultural and Garden Machinery Association which is a Trade Association for the Land-based Engineering Industry. This is also supported by the following Providers: Askham Bryan College, Bishop Burton College (Riseholme), and Wiltshire College (Lackham).