

## **Pearson Edexcel Level 2 NVQ Diploma in Performing Engineering Operations (QCF)**

**Qualification Number: 601/2547/0**

### **What is the purpose of this qualification?**

This qualification is appropriate for employees in the engineering sector working across a broad range of areas. It is designed to assess occupational competence in the workplace where learners are required to demonstrate skills and knowledge to a level required in the engineering sector.

### **What does this qualification cover?**

This qualification is based on the National Occupational Standards for the engineering industry as defined by SEMTA, the Sector Skills Council.

Learners will complete mandatory units in complying with statutory regulations and organisational safety requirements, using and communicating technical information and working in an effective and efficient manner. Depending on their job role, situation or interest, they will choose from specialist engineering units such as using CNC Milling or Turning Machines, carrying out welding operations, maintaining fluid power equipment or more specialist units such as producing detail aircraft assemblies.

### **Who could take this qualification?**

This qualification is for all learners aged 16 and above who are capable of reaching the required standards. Learners do not need any prior qualifications, knowledge or experience before starting the qualification. They may be seeking work as a manufacturing or engineering operative or they may already be employed in a manufacturing or engineering role. Learners will be employed within the Engineering Industry working towards Technician Level.

Although this qualification is part of the Intermediate Apprenticeship for Improving Operational Performance (Pathway 1 – Performing Engineering Operations), some learners may need or wish to take the qualification on its own, for example, learners who work on a part-time or voluntary basis or those who are not yet employed in the industry but wish to develop their knowledge, understanding and skills in preparation for working as a engineering operative or semi-skilled fitter. This qualification, although it is competency based, is also available to those studying in a simulated or classroom environment, making it ideal for individuals who are seeking work in this area and wish to have an appropriate, relevant and skills based qualification that employers recognise.

### **What could this qualification lead to?**

This qualification allows learners to demonstrate competence in manufacturing and basic engineering at a level required by the engineering industry. Learners can progress across the level and size of the engineering competence and knowledge qualifications and into other occupational areas such as team leading and management.

Learners could progress on to engineering industry qualifications at level 3 and above such as the following:

Pearson BTEC Level 3 Subsidiary Diploma in Engineering (QCF)  
Pearson Edexcel Level 3 NVQ Diploma in Mechanical Manufacturing Engineering (QCF)  
Pearson Edexcel Level 3 NVQ Diploma in Engineering Manufacture (QCF)

Potential job roles for those working towards this qualification are:

Semi-Skilled Operative  
Manufacturing Operative

Engineering Operative  
Manufacturing Process Operator

Assembly Operator  
Maintenance Operator

**Who supports this qualification?**

This qualification is valued by the Society of Operations Engineers (SOE) as enabling learners to develop and demonstrate the manufacturing industry required skills and knowledge to progress within the workforce and to further education as required.