



## Purpose Statement

<b>Name of regulated qualification</b>	
<b>QN: 603/2657/8</b>	<b>Title: Pearson BTEC Level 2 Technical Diploma in Blacksmithing</b>

### What is blacksmithing?

A blacksmith is a metalsmith who creates objects from wrought iron or steel by casting and forging the metal. Blacksmiths practise a highly skilled trade that requires many hours of training in order to understand the properties of metals, to master the tools to hammer, bend and cut, and to develop the skills needed to create objects, which include horseshoes. Farriery is the ancient and highly skilled craft of making and fitting horseshoes. It demands the skills to handle horses and to identify any health and fitness problems. All farriers must be registered, and today there are more than 2,600 in the UK.

### Who is this qualification for?

This qualification, which is 360 GLH, is for you if you want to start a career in blacksmithing. It is designed for post-16 students and can be taken as part of a wider study programme. It is an ideal qualification if you are intending to progress directly to employment within blacksmithing, or to a blacksmithing apprenticeship.

### What does the qualification cover?

This qualification has been developed in consultation with employers in the blacksmithing sector to ensure that you learn the skills and behaviours that will give you the best opportunity to be successful when applying for work.

There are six mandatory units that relate directly to the skills, knowledge and behaviours expected by employers in the blacksmithing sector. The areas you will cover are:

- health and safety in blacksmithing
- metallurgy and heat treatment
- the forging process
- welding and thermal cutting processes
- technical and freehand techniques
- researching, designing and making blacksmith products.

You will be able to add one optional unit to the mandatory content. The optional units cover areas such as:

- fabrication techniques
- forge work and construction techniques
- horse biology and handling.

You will also enhance your broader skills in literacy and numeracy, which will be invaluable in supporting progression in other areas. In addition, you will develop transferable technical and practical skills in communication (working with colleagues, customers and clients), and research and project work, providing you with an opportunity to demonstrate your reflective practice by suggesting alternative approaches to a problem.

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

Achieving this qualification will give you an advantage when applying for a job in the blacksmithing sector. The types of role you will be ready for are:

- artistic and decorative blacksmith
- farrier
- welder and fabricator
- general blacksmithing and repair worker.

When studied as part of a full study programme, this qualification will also give you a sound basis to progress further within the blacksmithing sector to a level 3 qualification such as the Pearson BTEC Level 3 National Diploma in Blacksmithing and Metalworking.

### **Who supports this qualification?**

This qualification is supported by the following employer(s):

- Hall Conservation Ltd
- Hector Cole
- Holkham Forge
- Ironart of Bath
- Peter Crownshaw Blacksmiths
- The Ironwork Studio
- Topp & Co.
- Wallis Conservation Ltd.

### **Further information**

Further information about the qualification can also be accessed at:

<http://qualifications.pearson.com/en/qualifications/btec-technical/blacksmithing.html>