

# Land-Based Service Engineer (Construction Plant Maintenance) Apprenticeship Standard



Course Level: Level 2

Campus: Both

Subject Type: Construction & Engineering

## Course Overview:

This apprenticeship focuses on developing skills in maintaining construction plant machinery. Apprentices learn about equipment inspection, servicing and repair, preparing them for roles as service engineers in the construction industry.

## What's Covered:

### The topics you will cover whilst training include:

The apprentice will typically spend 18 – 24 months on-programme working towards the apprenticeship standard, with a minimum of 20% of this time being spent in off-the-job training.

### The apprenticeship will cover a broad range of topics to provide you with the knowledge and skills required including:

- Workplace procedures, health and safety, industry regulations and legislation relevant to role of Service Engineer
- The operating principles of machinery, plant and equipment within the land-based service engineering sector
- How to conduct basic service, maintenance and repairs on including how to access and interpret technical data relating to the machinery, selecting and applying appropriate tools and equipment, and methods of thermally and chemically joining metals and components
- How to record information, maintain accurate customer service records and communicate with customers and colleagues using verbal and handwritten methods whilst observing customer care practices
- How to handover machinery, plant and equipment to the control and use of others in the workplace
- Emergency First Aid

### Typical job roles include:

LBSE Service Engineers will typically work on the employers premises under supervision and where appropriate and safe to do so work on their own initiative. They work on a diverse range of tasks and machinery, plant and equipment specific to their sector within the land-based engineering industry. For example these may include:

- Preparation of new and second-hand machinery for sale or hire
- Pre-delivery inspection of machinery carried out in accordance with manufacturer's and employer's procedures
- Performing routine service and maintenance operations in accordance with manufacturer's schedules and employer's instructions
- The preparation of equipment for repair for example, cleaning, dismantling and reassembly of machinery and their component parts, this may be carried out under supervision or in accordance with procedures or written briefs
- Conducting routine machine operation and systems testing.
- Handing over machinery plant and equipment to the control and use of others in the workplace. For example a senior technician.

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Results  
13%

above national average

These operations typically take place under the supervision of a senior technician in the workplace or on the customer's site, in which case work may be undertaken outdoors. The nature of the job role presents challenges ranging from routine maintenance to the repair of elementary mechanical faults. This requires a diverse blend of skills, industry underpinning knowledge and the disciplines required for environmental and safe working practice.

The Land-based Service Engineering Service Engineer's occupational title will be prefixed by the industry sector the Service Engineer works within, for example; Agricultural Service Engineer, Construction and Plant Service Engineer, Outdoor Power Equipment Service Engineer, Forestry Equipment Service Engineer or Fixed Plant and Equipment Service Engineer.

### **Entry Requirements:**

A minimum expectation of GCSE Grade 2's in English and maths or equivalent.

### **Assessment Information:**

Your progress is continually monitored throughout the course. Assessments are arranged when necessary and these take place on-the-job.

### **Assessments will include:**

During your programme you will produce a log of progression to evidence your apprenticeship learning journey. You will gather evidence including records of reviews with your employer and assessor which comment on your personal behaviours, strengths and weaknesses and progress made towards the apprenticeship standards.

Once you have completed your programme, met all of the pre-requisites for the EPA, including English and maths requirements, and your employer is satisfied that you are consistently working at or above the level set out in the occupational standard, you will be put through for your End Point Assessment which are to be completed within a 5 month period.

### **The EPA consists of 3 distinct elements which are to be completed in the order below:**

- Online Knowledge Test
- Practical Tasks
- Professional Interview

### **Fees and Financial Support:**

While you are on an apprenticeship your employer pays you a salary and supports you whilst you undertake your training.

### **Progression:**

If you successfully achieve all parts of the apprenticeship, your assessor will discuss with you and your employer the next steps to take. Dependent on your roles and responsibilities, this may be the next level of the subject you have been studying already or a different pathway.

### **What else do I need to know?**

On an apprenticeship programme you usually will work for a minimum of 30 hours a week for the employer and then have block release at college or designated time in the workplace.

Some job roles will require a DBS before starting, you will be advised at interview stage if this is required.

Whilst you are on an apprenticeship your employer pays you a salary, this includes all off the job training as well.

## **How do I find out more?**

Telephone: 01782 254287 (Newcastle office) or 01785 275660 (Stafford office)

Email: [apprenticeships@nscg.ac.uk](mailto:apprenticeships@nscg.ac.uk)