

# Apprenticeship Standard

(England only)



## Land-based Service Engineer v1.1

<b>Industry</b>	Land-Based	<b>Lantra code</b>	ST0242
<b>Level</b>	2	<b>Typical duration</b>	24 months
<b>Funding band</b>	£16,000	<b>EPA cost</b>	£1,750
<b>Venue</b>	Workplace or Training Centre		

### Introduction to this Apprenticeship Standard

**The land-based engineering sector provides the after sales support of a diverse range of machinery and equipment. The machinery and equipment supported includes mechanical, hydraulic, pneumatic, electrical, electronic and robotic systems.**

Land-based service engineers typically work within their employers' workshops. They also assist skilled technicians with repair work on customer sites. Work may be undertaken outdoors requiring flexible working hours dictated by seasonal demands.

Employers range from small to large. They offer technical support to their customers and businesses to maintain their equipment. These include golf courses, amenity providers, contractors, farming estates, hire companies and dealership networks.

Land-based service engineers maintain and service a diverse range of machinery and equipment. They assemble and carry out pre-delivery inspection of new machinery and equipment and they prepare used machinery and equipment for resale or hire and fit aftermarket accessories.

A land-based service engineer will clean and decontaminate machinery and equipment. They complete routine maintenance, service, repairs and diagnostics including removing and refitting components and sub-assemblies.

The individual will also operate land-based machinery and equipment to perform function tests where qualified to do so.

They have an appreciation of how the land-based machinery operations impact upon, the environment, sustainability, contamination, machinery set-up, customer and maintenance requirements.

Land-based service engineers interact with internal and external customers. This comprises of colleagues, suppliers, manufacturers, business to business customers and the general public.

Land-based service engineers work under supervision or where appropriate on their own initiative following set procedures or verbal instruction. They will typically report to a land-based service engineering technician.





## On-Programme Apprentice Activity and Tracking

Apprentices will need to develop the occupational standard's knowledge, skills and behaviours in order to achieve this Apprenticeship:

- **A portfolio**
- **A record of off-the-job training** – in line with the Apprenticeship funding rules.

The on-programme portfolio will typically contain evidence relating to 15 jobs that have required the Apprentice to demonstrate the range of skills, knowledge and behaviours within the standard. This may include workplace documentation, witness statements, annotated photographs and video clips. Reflective accounts and self-evaluations should not be included as evidence in the portfolio. In addition, the portfolio is mandatorily required to include a fabricated special service tool produced by the Apprentice to a specification along with a written description of the function of the tool.



## Mandatory Qualifications

English and Mathematics qualifications in line with the Apprenticeship funding rules.



## Gateway Criteria

The Apprentice will be entered for End Point Assessment (EPA) once the Employer is satisfied that requirements of the standard have been met and can be evidenced to an End Point Assessment Organisation and that the Apprentice is consistently working at or above the level set out in the standard:

- Apprentices must complete their portfolio prior to taking their EPA
- Evidence of off-the-job training in line with the Apprenticeship funding rules
- English and Mathematics qualifications in line with the Apprenticeship funding rules.



## Gateway Declaration

The Lantra Awards Gateway Declaration form must be completed, signed and dated by the Employer, Apprentice and Training Provider and uploaded onto the apprenticeship standards management system as part of the EPA Gateway process prior to the EPA taking place.

## End Point Assessment (EPA) – Demonstrating Learning

The EPA consists of three components:

<b>Multiple-choice knowledge test</b>	40 multiple-choice questions, duration 60 minutes under controlled conditions. The test is closed book, but the Apprentice is allowed the use of a calculator. A total of 40 marks can be achieved graded Fail, Pass, Merit or Distinction.
<b>Practical assessment with questions</b>	The practical task assessment is the observation of the Apprentice undertaking three practical tasks. These will be carried out in a simulated working environment closely resembling the Apprentice's natural working environment.  The practical assessment with questions will take 4 hours 30 minutes (+10%) to complete. The practical assessment is graded Fail, Pass or Distinction.
<b>Professional discussion underpinned by a portfolio</b>	The professional discussion is a formal two-way discussion between the Apprentice and the Independent End Point Assessor (IEPA), consisting of a minimum of 11 main questions and will last for 60 minutes (+10%).  The professional discussion will be focused on the knowledge, skills and behaviours mapped to this assessment method. The professional discussion is graded Fail, Pass or Distinction.



## Apprenticeship Certification

Certificates are issued by the Apprenticeship Assessment Service and sent directly to the Apprentice's Employer.



## How Lantra can help

- We are specialists in environmental and land-based industries
- We offer good value and cost-effective EPA
- Our IEPAs meet and exceed the requirements of the End Point Assessment Plan
- We offer our service across the whole of England
- We use ACE360 - an apprenticeship standards management system - to manage EPA
- We are experts in the delivery of Apprenticeship Frameworks and National Occupational Standards
- With a 40-year history, delivering high quality, specialist support to the land-based industries is in our DNA.



For more information please contact us;

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