



LAND-BASED SERVICE ENGINEER LEVEL 3

EMPLOYER COSTINGS

[www.craven-college.ac.uk/
apprenticeship-costings](http://www.craven-college.ac.uk/apprenticeship-costings)

START DATES

Roll on roll off

QUALIFICATION

Level 3 Apprenticeship Standard
Land-based Service Engineer

DURATION & ATTENDANCE

36-40 months - Day release

END ASSESSMENT

End Point Assessment
Observations

WAGES

[www.gov.uk/apprenticeships-
guide/pay-and-conditions](http://www.gov.uk/apprenticeships-guide/pay-and-conditions)

OVERVIEW

LBSE Technicians typically work on site utilising their own initiative in a customer facing role. They are often called upon to mentor and supervise junior colleagues and dispense advice to customers on machinery selection. Typically they are involved in all aspects of Preparation, installation and handover of complex technologically advanced machinery, plant and equipment and the verification of its performance to the manufacturers specification and customers satisfaction; Diagnosis and repair of complex faults in machinery, plant and equipment Conducting complex repairs of machinery, equipment, and their components which may include supervising a junior colleague to assist in aspects of the repair; Conducting inspections of machines and the compilation of machinery condition reports; Compilation of repair proposals, estimates and quotations and the implementation of timely and cost effective repairs. This requires a diverse blend of skills, industry underpinning knowledge and the disciplines required for environmental and safe working practice.

ENTRY REQUIREMENTS

- Ideally candidates will have 5 GCSEs grade 9-4 (A*-C) including English and Maths and Basic understanding (ICT)

KNOWLEDGE

- How to source, interpret and comply with the Health & Safety at Work Act, Manual Handling regulations and legislation relevant to Land-based Engineering Apprentice employees
- Procedures (company, client, Health & Safety)
- How to communicate effectively both verbally and in writing using technical terminology
- The identification and correct application of tools and equipment used in maintenance operations
- Methods of thermally and chemically joining metals and components
- Fundamental principles of machinery, plant and equipment within the chosen sector

- Underpinning service, maintenance and repair principles and practices
- How to handover machinery, plant and equipment to the control and use of other in the workplace
- How to access and interpret basic technical data
- Emergency First Aid and the Abrasive Wheels regulations

SKILLS

- Demonstrate manual dexterity, resourcefulness, and good service engineering practice
- Access and interpretation of basic technical data and documentation
- Effective communication and customer care approaches

- Work efficiently and effectively under supervision, individually and as a team member
- Apply their skills in a logical and systematic manner
- Carry out basic repairs and the maintenance of power units, simple power trains, mechanical equipment, plant and machinery and their components
- Maintain and conduct basic repairs to hydraulic systems and associated components
- Maintain and conduct basic repairs to electrical systems and associated components
- Carry out simple diagnostic tasks on low technology plant, equipment and machinery

To find out more about this qualification please contact: Craven College Apprenticeships Team on: **01756 693 680** or email: apprenticeships@craven-college.ac.uk