SPECIFICATION - LEVEL 2 CONSTRUCTION PLANT OPERATIVE v1.2 (ST0736)

SMART AWARDS
Awarding Platform for Smart Qualifications

Introduction

The Construction Plant Operative Level 2 apprenticeship develops the competence required to check, prepare, and operate a range of construction plant, including 360-degree excavators, dumpers/dump trucks, forklifts, and ride-on rollers. The role involves working to recognised industry standards and ensuring compliance with health and safety requirements, supporting projects across construction, rail, demolition, and utilities.

Key Information	
Name	Construction Plant Operative ST0736
Level	2
Duration	15 months on-programme, 3 months EPA window
Funding Band	£14,000
Prerequisites and Entry Requirements	Before final assessment of the qualification, the Learner must be employed in a relevant role, meet Gateway requirements before taking the End-Point Assessment. have completed a portfolio of evidence and, if applicable, have passed the required Functional Skills. There are no mandatory qualifications required for this this End-Point Assessment.
Methods of Assessment	There are three assessment methods, practical assessment, technical theory test, professional discussion (Underpinned by a portfolio of evidence).
Simulated Assessment	The practical assessment and questioning will take place in a simulated environment selected by the EPAO. This may include the EPAO's premises, a training provider's premises, an employer's training facility, a test centre, or another suitable simulated environment.
Grading	Learners will be assessed across all assessment components and awarded a grade of Fail, Pass, or, where applicable, Distinction. The results from each assessment method will be combined to determine the overall grade of a Fail, Pass or Distinction. Grading combinations and criteria are set out in the End-Point Assessment Plan and associated guidance documents.
Link to assessment plan	Construction plant operative / Skills England

End-Point Assessment Objective

The End-Point Assessment (EPA) confirms that the apprentice has achieved the required competence to work independently as a Construction Plant Operative, demonstrating the ability to check, prepare, and operate a range of construction plant safely, to industry standards, and in line with health and safety requirements across various work environments.

Programme Structure

Throughout the programme, apprentices will gain practical skills and underpinning knowledge in a variety of settings. They will be employed in a relevant role for a minimum of 15 months, during which they will compile a portfolio of evidence with support from their assessor. The assessor will monitor progress against the standard to ensure the apprentice is fully prepared for the EPA.

Available Support

Sample assessment materials for the practical assessment, professional discussion and technical theory test are available to approved training providers to support learner preparation and ensure consistency in delivery.

KSB Mapping Table

Knowledge	Assessment Method
K1: The operator-level servicing, checks and maintenance requirements for the range of plant.	Practical Assessment
K2: How tools and equipment for maintenance, checks, servicing and configuration requirements are to be used and maintained.	Practical Assessment
K3: How to extract information from the operator's manual and electronic readout systems for to prepare and use the machine effectively.	Practical Assessment
K4: How site plans and work programmes are devised, used and disseminated to relevant parties and how they determine how the work is to be carried out.	Professional Discussion
K5: What resources and ancillary equipment the machine will require to carry out core operational functions.	Practical Assessment
K6: The function and use of all controls, gauges, switches and performance aids to carry out machine operations.	Practical Assessment
K7: The characteristics, functions, uses and limitations of use of the relevant item of plant.	Technical Theory Test
K8: The factors that affect the stability and safe operation of the relevant item of plant.	Technical Theory Test
K9: How the machine should be manoeuvred and set for operational activities.	Practical Assessment
K10: What the hazards and requirements are for manoeuvring the machine around construction sites and working environment.	Practical Assessment
K11: The types of planning and communication methods that are relevant and effective in a variety of work situations.	Technical Theory Test
K12: The purpose and layout of site traffic plans, the working areas, exclusions zones and authorized passages for the movement.	Professional Discussion
K13: The types of hand signals and verbal instructions (inc. radio use) required for the movement of plant and vehicles.	Practical Assessment
K14: The manoeuvring characteristics, limitations of manoeuvrability and visibility limitations of plant, supporting plant and delivery vehicles.	Practical Assessment
K15: How a transporter needs to be set to allow the loading and unloading of plant.	Technical Theory Test
K16: The dangers and precautions when loading and unloading plant from a vehicle bed.	Technical Theory Test

K17: The securing procedures required for a range of plant including tracked, wheeled and smooth-drum types.	Technical Theory Test
K18: The health, safety, wellbeing and environmental requirements and considerations that apply for operational and maintenance activities, such as the control of diesel and oil spills, and reporting procedures for unsafe or environmental situations.	Technical Theory Test
K19: Relevant legislation and regulations including Health and Safety at Work Act, PUWER, LOLER, COSHH and the requirements for, and devising of static and dynamic risk assessments, method statements, COSHH-based assessments and permit-to-work systems.	Technical Theory Test
Skill	Assessment Method
S1: Extract information from a variety of sources for basic servicing, checks, operational and maintenance requirements.	Practical Assessment
S2: Select and use tools, lubricants and equipment required for operator-level maintenance, checks, servicing and configuration requirements.	Practical Assessment
S3: Identify and apply information from a range of sources so that the machine is set for the work and for the work to be carried out.	Practical Assessment
S4: Identify and source materials, equipment and consumables for operational requirements.	Practical Assessment
S5: Prepare and set the machine for travelling purposes.	Practical Assessment
S6: Travel the machine across a range of ground, surfaces and in a range of operational environments and conditions inc. where relevant on inclines, and on and from a transporter.	Practical Assessment
S7: Plan, configure and set the machine to carry out the required work activity.	Practical Assessment
S8: Operate the machine in accordance with given instructions for excavating, compacting, loading, lifting, moving, discharging and placing activities relevant to the machine being used.	Practical Assessment
S9: Identify, use and maintain effective communication with co-workers, supporting staff and supervisors to carry out the work safely and efficiently.	Professional Discussion
S10: Carry out checks (through self and with others) that the work being carried out meets the job requirements and timescales.	Professional Discussion
S11: Position, configure and shut down the machine when work activities cease and isolate and secure the machine and relevant equipment and structures to prevent unauthorised use or access.	Practical Assessment
S12: Marshall the movements of a range of plant and delivery vehicles for positioning and safe movement requirements.	Practical Assessment
S13: Assist in the setting up, configuring and positioning of plant to carry out specific work functions.	Professional Discussion
S14: Assist in preparing and securing a transporter and the items of plant during the loading and unloading activity for transportation purposes.	Professional Discussion

S15: Work in accordance with health, safety, welfare and environmental requirements, evaluate the working area and activity according to static and dynamic risk assessments and method statements, and report on unsafe situations following organisational procedures.	Professional Discussion
Behaviours	Assessment Method
B1: Health and Safety-first attitude - Is aware of the importance of following procedures and following guidance of senior members of the team due to the many risks and hazards present in the work environment and acts in accordance to H & S requirements, constantly evaluating the operation for hazards and takes appropriate actions whilst following safe systems of work, avoids taking short cuts that may increase risks.	Professional Discussion
B2: Working effectively - Undertakes the work in a reliable and productive manner.	Professional Discussion
B3: Positive customer relationships - Behaves in accordance with the values of the employer; treats customers and stakeholders with courtesy and responds quickly to their requirements, forming and enhancing customer relationships, creating and maintaining effective working and commercial relationships.	Professional Discussion
B4: Teamwork and independent working - Working and engaging collaboratively and effectively with co-workers of different occupations to achieve requisite results safely and efficiently and safe working, and achieving those results through independence, resourcefulness and ability, operates as an effective team member and under supervision, takes responsibility, accountability and ownership of their own actions and for the completion their own work.	Professional Discussion
B5: Attitude and discipline - Adopts a professional approach to the work and to colleagues and clients and shows professionalism whilst being polite and courteous to peers, managers, clients, general public and others, questions and challenges others when procedures are not being followed.	Professional Discussion