

Pearson Edexcel Level 2 NVQ Certificate in Plant Operations (Construction) (QCF)**Qualification Number: 601/6018/4****What is the purpose of this qualification?**

This qualification is for Plant Operatives on construction sites, carrying out specific activities, using specific machinery (see full lists below). Certain units of the qualification also have endorsements, as shown in the table below. This allows prospective employers to see the particular role the learner is qualified to carry out, the particular machinery they can use, and the context in which they can use it. This qualification is not a licence to practice, but can be used as a component of achievement of the Construction Plant Competence Card Scheme which is recognised by many employers in the UK.

This qualification offers a unique set of pathways and endorsements when compared to the Pearson Edexcel Level 2 NVQ Diploma in Plant Operations (Construction). The NVQ Diploma is also available for Plant Operators, but covers endorsements on different types of machinery working in different contexts. Learners should choose the appropriate Plant NVQ according to the machinery, role and context in which they are presently working, or intending to work in. Please see below

What does this qualification cover?

This qualification is based on the latest National Occupational Standards for Plant Operations.

This qualification is for operatives working with specific machinery carrying out specific activities. It is written to the agreed national occupational standards for that machinery and those activities and is entirely vocationally-related in its content. As an NVQ, all units within the qualifications are derived from these occupational standards directly, and evidence of knowledge, skill and understanding will be gained from a workplace or a realistic workplace situation.

This qualification offers pathways for the following job roles:

Crane Operative and Specialist Lifter in Construction Plant (using compact cranes, pedestrian operated tower cranes, overhead or excavator cranes, hoists, lorry loaders and knuckle booms, skip and container handlers, self-propelled modular transporters, ergonomic manipulating machines);
Fork-lift truck Operative in Construction Plant;
Extracting Operative in Construction Plant (using wheeled loading shovels, skid steer loaders or loader compressors only);
Load Transporter in Construction Plant (receiving, transporting and discharging loads using forward or rear-tipping dumpers, trailer-mounted concrete pumps, self-propelled bowsers, static concrete placing booms and volumetric trucks);
Mobile Elevated Work Platform Operative;
Plant laying and distributing Operative;
Construction Plant compacting Operative;
Processing Operative in Construction Plant;
Loading and securing Operative in Construction Plant;
Road/rail and Attachment Operative in Construction Plant; lifting loads with excavator cranes, forklifts and telescopic handlers only;
Construction Plant Excavation Operative; using wheeled loading shovels or skid steer loaders only;
Construction Plant Sweeping Operative;
Cleaning Operative in Construction Plant;
Clearing Operative in Construction Plant;
Operations Guide in Construction Plant and
Movement Guide in Construction Plant

Further detail on endorsements for particular machinery is listed below.

There are two mandatory units, these are Conforming to General Health, Safety and Welfare in the Workplace; and Conforming to Productive Working Practices in the Workplace.

Learners must then select a pathway from the above and complete a minimum of 11 credits from one of the optional units available.

Specific Endorsements available for this qualification showing the roles and contexts in which learners can work on site:

Occupational role	Machinery Usage / Work Context Endorsement
Compact Crane and Specialist Lifting Plant Operator (hoists, lorry loaders and knuckle booms)	Compact Crane – Static Stabilisers, compact crane – mobile industrial, compact crane – luffing static, compact crane - 360° pick and carry Hoist rack and pinion goods, hoist passenger/ goods combined, hoist rope operated goods, hoist transport platform, Lorry loader – knuckle boom operation, lorry loader – hook operation, lorry loader – clamshell bucket operation, lorry loader – hydraulic clamp operation
Pedestrian Operated Tower Crane Operator	Pedestrian Operated tower crane, pedestrian operated tower crane inclined jib
Fork Lift Truck Construction Plant Operator including telescopic handler operator	Telescopic Handler - industrial telescopic, Telescopic Handler – up to 9 metres, Telescopic Handler all sizes, Telescopic Handler – all sized excluding 360°, Telescopic Handler – all sizes including 360°
Construction Plant Load Transporter	Forward tipping dumper wheeled, forward tipping dumper tracked, Dump truck – articulated chassis up to 15 tonne, Dump Truck – articulated chassis all sizes, Dump Truck – rigid chassis up to 15 tonne, Dump Truck – rigid chassis up to 50 tonne, Dump Truck – rigid chassis all sizes wheeled, Dump Truck – rigid chassis tracked
Construction Plant Operator on Work Platforms	Mobile Elevated Working Platform boom vehicle mounted, Mobile Elevated work Platform boom self propelled
Construction Plant Loader/ Securer Movement Guider in construction Plant	Movement Guide Marshaller Loader/ Securer Slinger/ Signaller – Loader and securer only Drive and Operate Direct and Guide Movement Direct and Guide Operations Slinger/ Signaller Raised Loads Loader Securer, Slinger/ Signaller non STGO, non LGV Loader Securer, Slinger/ Signaller non STGO, LGV Loader Securer movement guide marshaller non STGO, non LGV Loader Securer movement guide marshaller non STGO, LGV Loader Securer movement guide marshaller STGO Loader Securer plant driver non STGO, non LGV Loader Securer plant driver non STGO, LGV Loader Securer, Plant Driver STGO
Road Rail Plant Operator: Lifting loads	Road Rail – Forward Tipping Dumper, Road Rail – MEWP scissor, Road Rail – MEWP boom, Road Rail – crawler tractor/dozer Road Rail – dump truck – articulated chassis, Road Rail – dump truck – rigid chassis, Road Rail – excavator 360° wheeled, Road Rail – excavator 360° tracked, Road Rail – rough terrain forklift handler, Road Rail – telescopic handler, Road Rail – agricultural tractor
Road Rail – attachment operative: Lifting	Rail thimble, rail flail, rail ballast brush, rail hydraulic

Loads	sleeper grab, rail trailer, rail tamper, rail vacuum lifter, rail grapple/log grab, Auger, Sweeper, Mower, Grab, Roller, Mobile work platform, Fork, Lifthook, Bucket, Lifting job, Crusher
Construction Plant Sweeping/ cleaning/ clearing operative	Road sweeper Pavement Sweeper Self-propelled sweeper Pedestrian controlled sweeper Gully Cleaner Gully Sucker Pedestrian Controlled Cleaner

How is this qualification assessed?

This qualification is assessed through a portfolio of evidence gathered from a range of sources including workplace activities and realistic work environments, professional discussions, questioning and observation of performance.

Who can take this qualification?

This qualification is for all learners aged 16 and above who are capable of reaching the required standards and have opportunity to demonstrate practical skills in a realistic construction working environment. Learners do not need any prior qualifications, knowledge or experience before starting the qualification.

Although this qualification is part of the Intermediate Apprenticeship in Construction Civil Engineering (Plant Operations) it is also suitable for learners who may need or wish to take the qualification on its own. For example, learners, working full, part-time or on a voluntary basis, or those who are not new to the role but need to upskill and demonstrate competency in the areas covered by the qualification.

What can this qualification lead to?

Learners can use the qualification to progress in their job roles to become fully competent plant operatives. They may progress further to supervisory qualifications such as site supervision, or occupational work supervision, if their job roles develop accordingly.

Potential job roles for those working towards this qualification are:

- Construction Plant Operator (in the above disciplines and specific contexts)

Who supports this qualification?

It is approved by the Construction Industry Training Board (CITB) and their employer groups, as it is an approved qualification based on the occupational standards they have devised.

This qualification is highly valued and supported by Professional Bodies the Institute of Civil Engineers (ICE) and The Chartered Institute of Building (CIOB). It is also supported by the employer Blyth Marble Ltd.