



Level 2 Certificate in Construction Plant Operations

Qualification Specification

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Introduction

The aim of this qualification is to recognise the knowledge, skills and competence demonstrated by an individual in the workplace.

The awarding body for these qualifications is ProQual Awarding Body and the regulatory body is the Office of Qualifications and Examinations Regulation (Ofqual). The specification for these qualifications has been approved by the Welsh Government for use by centres in Wales and by the Council for the Curriculum Examinations and Assessment (CCEA) for use by centres in Northern Ireland.

This qualification has been accredited onto the Regulated Qualifications Framework (RQF) and is endorsed by the sector body for the construction sector – Cskills; it provides a progression route to discipline related qualifications in the construction sector.

Qualification Profile Level 2 Certificate in Construction Plant Operations

Qualification title	ProQual Level 2 Certificate in Construction Plant Operations
Ofqual qualification number	601/1878/7
Level	Level 2
Total qualification time	250 hours
Guided learning hours	180
Assessment	Pass or fail Internally assessed and verified by centre staff External quality assurance by ProQual verifiers
Qualification start date	1/11/13
Qualification end date	

Entry Requirements

There are no formal entry requirements for this qualification.

Centres should carry out an **initial assessment** of candidate skills and knowledge to identify any gaps and help plan the assessment.

Qualification Structure

Candidates must achieve a minimum of **30 credits**:

- **15 credits** must be achieved by completing the **Mandatory Units**; plus,
- a minimum of **15 credits** from **Optional Units**

Mandatory Units				
Unit Reference Number	Unit Title	Unit Level	Credit Value	GLH
L/503/6454	Site safety and roles and responsibilities for plant operators	2	10	60
L/600/0063	Sustainability in the Construction Industry	2	5	30
Optional Units				
Unit Reference Number	Unit Title	Unit Level	Credit Value	GLH
M/503/6415	Operating a Forward Tipping Dumper	2	5	30
F/503/6449	Operating an excavator 180 degree – below 5 tonnes	2	5	30
A/503/6448	Operating an excavator 180 degree – above 5 tonnes	2	5	30
L/503/6423	Operating a ride-on roller	2	5	30
A/503/6451	Operating an excavator 360 degree – below 10 tonnes	2	5	30
T/503/6450	Operating an excavator 360 degree – above 10 tonnes	2	5	30
D/503/6426	Operating a skid steer loader	2	5	30
Y/503/6425	Operating a skip handler	2	5	30
T/503/6416	Operating a dump truck – rigid chassis	2	5	30
T/503/6433	Operating a dump truck – articulated chassis	2	5	30
L/503/6440	Operating a rough terrain forklift	2	5	30
D/503/6443	Operating a telescopic handler	2	5	30
J/503/6419	Operating a hoist	2	5	30
F/503/6421	Operating a Mobile Elevating Work Platform – scissor	2	5	30
J/503/6436	Operating a Mobile Elevating Work Platform – boom	2	5	30
D/503/6412	Operating a concrete pump – trailer mounted	2	5	30
A/503/6434	Operating a grader	2	5	30
K/503/6428	Operating a wheeled loading shovel	2	5	30
K/503/6431	Operating a crawler-tractor/dozer	2	5	30
Y/503/6411	Operating a concrete pump – truck mounted boom	2	5	30
H/503/6458	Operating a tracked loading shovel	2	5	30
A/503/6420	Operating a motorised scraper	2	5	30
H/503/6430	Operating a crawler-tractor – side boom	2	5	30
M/503/6446	Operating a trencher	2	5	30
K/503/6414	Operating a crawler crane	2	5	30
H/503/6427	Operating a tower crane	2	10	60
F/503/6418	Operating a lorry loader	2	5	30

Optional Units				
Unit Reference Number	Unit Title	Unit Level	Credit Value	GLH
J/503/6453	Performing slinger/signaller duties	2	5	30
F/503/6435	Operating a mobile crane	2	5	30
L/503/6437	Operating a pedestrian operated tower crane	2	5	30
M/503/6429	Operating a compact crane	2	5	30
H/503/6413	Operating a crusher	2	5	30
R/503/6441	Operating a screener	2	5	30
M/503/6432	Operating a dragline	2	5	30
R/503/6455	Operating a piling rig – tripod	2	5	30
Y/503/6439	Operating a piling rig – driven below 15 tonnes	2	5	30
J/503/6422	Operating a piling rig – driven above 15 tonnes	2	5	30
Y/503/6456	Operating a piling rig – bored below 15 tonnes	2	5	30
R/503/6438	Operating a piling rig – bored above 15 tonnes	2	5	30
T/503/6447	Operating an agricultural tractor	2	5	30
F/503/6452	Operating an industrial forklift truck	2	5	30
R/503/6424	Operating a reach truck	2	5	30
K/503/6445	Operating a transporter loader/securer STGO	2	5	30
H/503/6444	Operating a transporter loader/securer non-STGO	2	5	30
A/503/6417	Operating a loader compressor	2	5	30
Y/503/6442	Operating a soil/landfill compactor	2	5	30

Centre Requirements

Centres must be approved to offer this qualification. If your centre is not approved please complete and submit form **ProQual Additional Qualification Approval Application**.

Staff

Staff delivering this qualification must be appropriately qualified and/or occupationally competent.

Assessors/Internal Quality Assurance

For each competence-based unit centres must be able to provide at least one assessor and one internal verifier who are suitably qualified for the specific occupational area. Assessors and internal verifiers for competence-based units or qualifications will normally need to hold appropriate assessor or verifier qualifications, such as:

- Award in Assessing Competence in the Work Environment
- Award in Assessing Vocationally Related Achievement
- Certificate in Assessing Vocational Achievement
- Award in the Internal Quality Assurance of Assessment Processes and Practices
- Certificate in Leading the Internal Quality Assurance of Assessment Processes and Practices

Support for Candidates

Materials produced by centres to support candidates should:

- enable them to track their achievements as they progress through the learning outcomes and assessment criteria;
- provide information on where ProQual's policies and procedures can be viewed;
- provide a means of enabling Internal and External Quality Assurance staff to authenticate evidence

Links to National Standards / NOS mapping

National Occupational Standards (NOS) are owned by a Sector Skills Council or Standard Setting Body and they describe the skills, knowledge and understanding needed to undertake a particular task or job at different levels of competence.

Assessment

This suite of qualifications are competence-based, candidates must demonstrate the level of competence described in the units. Assessment is the process of measuring a candidate's skill, knowledge and understanding against the standards set in the qualification.

Each candidate is required to produce a portfolio of evidence which demonstrates their achievement of all of the learning outcomes and assessment criteria for each unit.

- Evidence can include:
- observation report by assessor
 - assignments/projects/reports
 - professional discussion
 - witness testimony
 - candidate product
 - worksheets
 - record of oral and written questioning
 - Recognition of Prior Learning

Learning outcomes set out what a candidate is expected to know, understand or be able to do.

Assessment criteria specify the standard a candidate must meet to show the learning outcome has been achieved.

Learning outcomes and assessment criteria can be found from page 9.

Internal Quality Assurance

An internal quality assurance verifier confirms that assessment decisions made in centres are made by competent and qualified assessors, that they are the result of sound and fair assessment practice and that they are recorded accurately and appropriately.

Adjustments to Assessment

Adjustments to standard assessment arrangements are made on the individual needs of candidates. ProQual's Reasonable Adjustments Policy and Special Consideration Policy sets out the steps to follow when implementing reasonable adjustments and special considerations and the service that ProQual provides for some of these arrangements.

Centres should contact ProQual for further information or queries about the contents of the policy.

Results Enquiries and Appeals

All enquiries relating to assessment or other decisions should be dealt with by centres, with reference to ProQual's Enquiries and Appeals Procedures.

Certification

Candidates who achieve the required credits for qualifications will be awarded:

- A certificate listing all units achieved with their related credit value, and
- A certificate giving the full qualification title -

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Claiming certificates

Centres may claim certificates for candidates who have been registered with ProQual and who have successfully achieved the required number of credits for a qualification. All certificates will be issued to the centre for successful candidates.

Unit certificates

If a candidate does not achieve all of the units/credits required for a qualification, the centre may claim a unit certificate for the candidate which will list all of the units/credits achieved.

Replacement certificates

If a replacement certificate is required a request must be made to ProQual in writing. Replacement certificates are labelled as such and are only provided when the claim has been authenticated. Refer to the Fee Schedule for details of charges for replacement certificates.

Learning Outcome and Assessment Criteria

Unit L/503/6454

Site Safety and Roles and Responsibilities for Plant Operators

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Know the roles and responsibilities of plant operators in the construction sector	1.1	describe the importance of own role as a plant operator
		1.2	describe how own role links to the wider construction sector
		1.3	describe the main roles and responsibilities of representative bodies that influence the construction sector
		1.4	state employee rights and responsibilities under Employment Law
		1.5	describe how related legislation can support employees in the workplace
		1.6	describe employer responsibilities in the workplace
		1.7	identify sources and types of information and advice on own employment rights and responsibilities
2	Know training and career opportunities for plant operators in the construction sector	2.1	describe occupational opportunities within the construction sector
		2.2	identify sources of information related to a chosen career pathway
		2.3	identify next steps in own career pathway
3	Know the importance of health and safety for plant operators on construction sites	3.1	state the legislation that covers health and safety on construction sites
		3.2	identify the health and safety responsibilities of individuals on construction sites
4	Know potential risks and hazards on construction sites	4.1	identify potential risks and hazards on construction sites

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
	4.2 describe how potential risks and hazards can be reduced on construction sites
	4.3 describe hazard warning signs and symbols used on construction sites
5 Know the emergency and accident procedures on construction sites	5.1 describe evacuation procedures for a construction site
	5.2 describe procedures for reporting accidents and incidents
	5.3 state where to obtain assistance to deal with injuries

Unit L/600/0063 Sustainability in the Construction Industry

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand the concept of sustainability as it applies to the construction and built environment sector	1.1 Explain what is meant by sustainability 1.2 Evaluate the relevance of sustainability to the construction and built environment sector
2 Know the issues affecting the development of a sustainable built environment	2.1 Identify the issues associated with the provision of a sustainable built environment 2.2 Describe the issues associated with the provision of a sustainable built environment
3 Know how sustainability can benefit the built environment both locally and nationally	3.1 Identify the benefits of using sustainable construction, in both local and national terms 3.2 Describe the benefits of using sustainable construction, in both local and national terms
4 Know how sustainable design and construction techniques are used to address environmental issues	4.1 Identify the sustainable design and construction techniques used to minimise environmental impact 4.2 Describe the sustainable design and construction techniques used to minimise environmental impact

Unit M/503/6415 Operating a Forward Tipping Dumper

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Forward Tipping Dumper	1.1 explain how to prepare the machine for work 1.2 explain how to drive and manoeuvre the machine 1.3 explain how to set up the machine for work 1.4 explain how to undertake the specified work tasks 1.5 explain how to shut down the machine
2 Be able to operate a Forward Tipping Dumper	2.1 prepare the machine for work 2.2 drive and manoeuvre the machine 2.3 set up the machine for work 2.4 undertake the specified work tasks 2.5 shut down the machine

Unit F/503/6449

Operating an Excavator 180 degree – below 5 tonnes

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate an Excavator 180 degree – below 5 tonnes	1.1 explain how to prepare the machine for work 1.2 explain how to drive and manoeuvre the machine 1.3 explain how to set up the machine for work 1.4 explain how to undertake the specified work tasks 1.5 explain how to shut down the machine
2 Be able to operate an Excavator 180 degree – below 5 tonnes	2.1 prepare the machine for work 2.2 drive and manoeuvre the machine 2.3 set up the machine for work 2.4 undertake the specified work tasks 2.5 shut down the machine

Unit A/503/6448

Operating an Excavator 180 degree – above 5 tonnes

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate an Excavator 180 degree – above 5 tonnes	1.1 explain how to prepare the machine for work 1.2 explain how to drive and manoeuvre the machine 1.3 explain how to set up the machine for work 1.4 explain how to undertake the specified work tasks 1.5 explain how to shut down the machine
2 Be able to operate an Excavator 180 degree – above 5 tonnes	2.1 prepare the machine for work 2.2 drive and manoeuvre the machine 2.3 set up the machine for work 2.4 undertake the specified work tasks 2.5 shut down the machine

Unit L/503/6423 Operating a Ride-on Roller

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Understand how to operate a Ride-on Roller	1.1	explain how to prepare the machine for work
		1.2	explain how to drive and manoeuvre the machine
		1.3	explain how to set up the machine for work
		1.4	explain how to undertake the specified work tasks
		1.5	explain how to shut down the machine
2	Be able to operate a Ride-on Roller	2.1	prepare the machine for work
		2.2	drive and manoeuvre the machine
		2.3	set up the machine for work
		2.4	undertake the specified work tasks
		2.5	shut down the machine

Unit A/503/6451 Operating an Excavator 360 degree – below 10 tonnes

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate an Excavator 360 degree – below 10 tonnes</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to drive and manoeuvre the machine</p> <p>1.3 explain how to set up the machine for work</p> <p>1.4 explain how to undertake the specified work tasks</p> <p>1.5 explain how to shut down the machine</p>
<p>2 Be able to operate an Excavator 360 degree – below 10 tonnes</p>	<p>2.1 prepare the machine for work</p> <p>2.2 drive and manoeuvre the machine</p> <p>2.3 set up the machine for work</p> <p>2.4 undertake the specified work tasks</p> <p>2.5 shut down the machine</p>

Unit T/503/6450

Operating an Excavator 360 degree – above 10 tonnes

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate an Excavator 360 degree – above 10 tonnes	1.1 explain how to prepare the machine for work 1.2 explain how to drive and manoeuvre the machine 1.3 explain how to set up the machine for work 1.4 explain how to undertake the specified work tasks 1.5 explain how to shut down the machine
2 Be able to operate an Excavator 360 degree – above 10 tonnes	2.1 prepare the machine for work 2.2 drive and manoeuvre the machine 2.3 set up the machine for work 2.4 undertake the specified work tasks 2.5 shut down the machine

Unit D/503/6426 Operating a Skid Steer Loader

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Understand how to operate a Skid Steer Loader	1.1	explain how to prepare the machine for work
		1.2	explain how to drive and manoeuvre the machine
		1.3	explain how to set up the machine for work
		1.4	explain how to undertake the specified work tasks
		1.5	explain how to shut down the machine
2	Be able to operate a Skid Steer Loader	2.1	prepare the machine for work
		2.2	drive and manoeuvre the machine
		2.3	set up the machine for work
		2.4	undertake the specified work tasks
		2.5	shut down the machine

Unit Y/503/6425 Operating a Skip Handler

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Skip Handler	1.1 explain how to prepare the machine for work
	1.2 explain how to drive and manoeuvre the machine
	1.3 explain how to set up the machine for work
	1.4 explain how to undertake the specified work tasks
	1.5 explain how to shut down the machine
2 Be able to operate a Skip Handler	2.1 prepare the machine for work
	2.2 drive and manoeuvre the machine
	2.3 set up the machine for work
	2.4 undertake the specified work tasks
	2.5 shut down the machine

Unit T/503/6416

Operating a Dump Truck – rigid chassis

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate a Dump Truck – rigid chassis</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to drive and manoeuvre the machine</p> <p>1.3 explain how to set up the machine for work</p> <p>1.4 explain how to undertake the specified work tasks</p> <p>1.5 explain how to shut down the machine</p>
<p>2 Be able to operate a Dump Truck – rigid chassis</p>	<p>2.1 prepare the machine for work</p> <p>2.2 drive and manoeuvre the machine</p> <p>2.3 set up the machine for work</p> <p>2.4 undertake the specified work tasks</p> <p>2.5 shut down the machine</p>

Unit T/503/6433

Operating a Dump Truck – articulated chassis

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate a Dump Truck – articulated chassis</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to drive and manoeuvre the machine</p> <p>1.3 explain how to set up the machine for work</p> <p>1.4 explain how to undertake the specified work tasks</p> <p>1.5 explain how to shut down the machine</p>
<p>2 Be able to operate a Dump Truck – articulated chassis</p>	<p>2.1 prepare the machine for work</p> <p>2.2 drive and manoeuvre the machine</p> <p>2.3 set up the machine for work</p> <p>2.4 undertake the specified work tasks</p> <p>2.5 shut down the machine</p>

Unit L/503/6440 Operating a Rough Terrain Forklift

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Rough Terrain Forklift	1.1 explain how to prepare the machine for work 1.2 explain how to drive and manoeuvre the machine 1.3 explain how to set up the machine for work 1.4 explain how to undertake the specified work tasks 1.5 explain how to shut down the machine
2 Be able to operate a Rough Terrain Forklift	2.1 prepare the machine for work 2.2 drive and manoeuvre the machine 2.3 set up the machine for work 2.4 undertake the specified work tasks 2.5 shut down the machine

Unit D/503/6443 Operating a Telescopic Handler

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate a Telescopic Handler</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to drive and manoeuvre the machine</p> <p>1.3 explain how to set up the machine for work</p> <p>1.4 explain how to undertake the specified work tasks</p> <p>1.5 explain how to shut down the machine</p>
<p>2 Be able to operate a Telescopic Handler</p>	<p>2.1 prepare the machine for work</p> <p>2.2 drive and manoeuvre the machine</p> <p>2.3 set up the machine for work</p> <p>2.4 undertake the specified work tasks</p> <p>2.5 shut down the machine</p>

Unit J/503/6419 Operating a Hoist

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Hoist	1.1 explain how to prepare the machine for work 1.2 explain how to set up the machine for work 1.3 explain how to undertake the specified work tasks 1.4 explain how to shut down the machine
2 Be able to operate a Hoist	2.1 prepare the machine for work 2.2 set up the machine for work 2.3 undertake the specified work tasks 2.4 shut down the machine

Unit F/503/6421

Operating a Mobile Elevating Work Platform – scissor

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Understand how to operate a Mobile Elevating Work Platform - scissor	1.1	explain how to prepare the machine for work
		1.2	explain how to drive and manoeuvre the machine
		1.3	explain how to set up the machine for work
		1.4	explain how to undertake the specified work tasks
		1.5	explain how to shut down the machine
2	Be able to operate a Mobile Elevating Work Platform - scissor	2.1	prepare the machine for work
		2.2	drive and manoeuvre the machine
		2.3	set up the machine for work
		2.4	undertake the specified work tasks
		2.5	shut down the machine

Unit J/503/6436

Operating a Mobile Elevating Work Platform – boom

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Understand how to operate a Mobile Elevating Work Platform - boom	1.1	explain how to prepare the machine for work
		1.2	explain how to drive and manoeuvre the machine
		1.3	explain how to set up the machine for work
		1.4	explain how to undertake the specified work tasks
		1.5	explain how to shut down the machine
2	Be able to operate a Mobile Elevating Work Platform - boom	2.1	prepare the machine for work
		2.2	drive and manoeuvre the machine
		2.3	set up the machine for work
		2.4	undertake the specified work tasks
		2.5	shut down the machine

Unit D/503/6412

Operating a Concrete Pump – trailer mounted

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate a Concrete Pump – trailer mounted</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to set up the machine for work</p> <p>1.3 explain how to undertake the specified work tasks</p> <p>1.4 explain how to shut down the machine</p>
<p>2 Be able to operate a Concrete Pump – trailer mounted</p>	<p>2.1 prepare the machine for work</p> <p>2.2 set up the machine for work</p> <p>2.3 undertake the specified work tasks</p> <p>2.4 shut down the machine</p>

Unit A/503/6434 Operating a Grader

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Grader	1.1 explain how to prepare the machine for work
	1.2 explain how to drive and manoeuvre the machine
	1.3 explain how to set up the machine for work
	1.4 explain how to undertake the specified work tasks
	1.5 explain how to shut down the machine
2 Be able to operate a Grader	2.1 prepare the machine for work
	2.2 drive and manoeuvre the machine
	2.3 set up the machine for work
	2.4 undertake the specified work tasks
	2.5 shut down the machine

Unit K/503/6428 Operating a Wheeled Loading Shovel

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Wheeled Loading Shovel	1.1 explain how to prepare the machine for work 1.2 explain how to drive and manoeuvre the machine 1.3 explain how to set up the machine for work 1.4 explain how to undertake the specified work tasks 1.5 explain how to shut down the machine
2 Be able to operate a Wheeled Loading Shovel	2.1 prepare the machine for work 2.2 drive and manoeuvre the machine 2.3 set up the machine for work 2.4 undertake the specified work tasks 2.5 shut down the machine

Unit K/503/6431 Operating a Crawler-Tractor/Dozer

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate a Crawler-Tractor/Dozer</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to drive and manoeuvre the machine</p> <p>1.3 explain how to set up the machine for work</p> <p>1.4 explain how to undertake the specified work tasks</p> <p>1.5 explain how to shut down the machine</p>
<p>2 Be able to operate a Crawler-Tractor/Dozer</p>	<p>2.1 prepare the machine for work</p> <p>2.2 drive and manoeuvre the machine</p> <p>2.3 set up the machine for work</p> <p>2.4 undertake the specified work tasks</p> <p>2.5 shut down the machine</p>

Unit Y/503/6411

Operating a Concrete Pump – truck mounted boom

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate a Concrete Pump – truck mounted boom</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to drive and manoeuvre the machine</p> <p>1.3 explain how to set up the machine for work</p> <p>1.4 explain how to undertake the specified work tasks</p> <p>1.5 explain how to shut down the machine</p>
<p>2 Be able to operate a Concrete Pump – truck mounted boom</p>	<p>2.1 prepare the machine for work</p> <p>2.2 drive and manoeuvre the machine</p> <p>2.3 set up the machine for work</p> <p>2.4 undertake the specified work tasks</p> <p>2.5 shut down the machine</p>

Unit H/503/6458 Operating a Tracked Loading Shovel

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate a Tracked Loading Shovel</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to drive and manoeuvre the machine</p> <p>1.3 explain how to set up the machine for work</p> <p>1.4 explain how to undertake the specified work tasks</p> <p>1.5 explain how to shut down the machine</p>
<p>2 Be able to operate a Tracked Loading Shovel</p>	<p>2.1 prepare the machine for work</p> <p>2.2 drive and manoeuvre the machine</p> <p>2.3 set up the machine for work</p> <p>2.4 undertake the specified work tasks</p> <p>2.5 shut down the machine</p>

Unit A/503/6420 Operating a Motorised Scraper

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate a Motorised Scraper</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to drive and manoeuvre the machine</p> <p>1.3 explain how to set up the machine for work</p> <p>1.4 explain how to undertake the specified work tasks</p> <p>1.5 explain how to shut down the machine</p>
<p>2 Be able to operate a Motorised Scraper</p>	<p>2.1 prepare the machine for work</p> <p>2.2 drive and manoeuvre the machine</p> <p>2.3 set up the machine for work</p> <p>2.4 undertake the specified work tasks</p> <p>2.5 shut down the machine</p>

Unit H/503/6430 Operating a Crawler-Tractor – side boom

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Understand how to operate a Crawler-Tractor – side boom	1.1	explain how to prepare the machine for work
		1.2	explain how to drive and manoeuvre the machine
		1.3	explain how to set up the machine for work
		1.4	explain how to undertake the specified work tasks
		1.5	explain how to shut down the machine
2	Be able to operate a Crawler-Tractor – side boom	2.1	prepare the machine for work
		2.2	drive and manoeuvre the machine
		2.3	set up the machine for work
		2.4	undertake the specified work tasks
		2.5	shut down the machine

Unit M/503/6446 Operating a Trencher

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Trencher	1.1 explain how to prepare the machine for work
	1.2 explain how to drive and manoeuvre the machine
	1.3 explain how to set up the machine for work
	1.4 explain how to undertake the specified work tasks
	1.5 explain how to shut down the machine
2 Be able to operate a Trencher	2.1 prepare the machine for work
	2.2 drive and manoeuvre the machine
	2.3 set up the machine for work
	2.4 undertake the specified work tasks
	2.5 shut down the machine

Unit K/503/6414 Operating a Crawler Crane

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Understand how to operate a Crawler Crane	1.1	explain how to prepare the machine for work
		1.2	explain how to drive and manoeuvre the machine
		1.3	explain how to set up the machine for work
		1.4	explain how to undertake the specified work tasks
		1.5	explain how to shut down the machine
2	Be able to operate a Crawler Crane	2.1	prepare the machine for work
		2.2	drive and manoeuvre the machine
		2.3	set up the machine for work
		2.4	undertake the specified work tasks
		2.5	shut down the machine

Unit H/503/6427 Operating a Tower Crane

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Tower Crane	1.1 explain how to prepare the machine for work 1.2 explain how to set up the machine for work 1.3 explain how to undertake the specified work tasks 1.4 explain how to shut down the machine
2 Be able to operate a Tower Crane	2.1 prepare the machine for work 2.2 set up the machine for work 2.3 undertake the specified work tasks 2.4 shut down the machine

Unit F/503/6418 Operating a Lorry Loader

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Lorry Loader	1.1 explain how to prepare the machine for work
	1.2 explain how to drive and manoeuvre the machine
	1.3 explain how to set up the machine for work
	1.4 explain how to undertake the specified work tasks
	1.5 explain how to shut down the machine
2 Be able to operate a Lorry Loader	2.1 prepare the machine for work
	2.2 drive and manoeuvre the machine
	2.3 set up the machine for work
	2.4 undertake the specified work tasks
	2.5 shut down the machine

Unit J/503/6453

Performing Slinger/Signaller Duties

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Understand how to perform Slinger/Signaller duties	1.1	explain procedures for obtaining information and preparing lifting accessories for work activities
		1.2	explain how to set up and prepare the work area, and the procedures required to identify, select and use lifting accessories
		1.3	explain how to undertake the specified work tasks
		1.4	explain how to complete the specified work tasks
2	Be able to perform Slinger/Signaller duties	2.1	obtain and extract relevant lift information, and prepare lifting accessories for use
		2.2	set up the work area for lifting duties and select lifting accessories
		2.3	undertake the specified work tasks
		2.4	complete the specified work tasks

Unit F/503/6435 Operating a Mobile Crane

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate a Mobile Crane</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to drive and manoeuvre the machine</p> <p>1.3 explain how to set up the machine for work</p> <p>1.4 explain how to undertake the specified work tasks</p> <p>1.5 explain how to shut down the machine</p>
<p>2 Be able to operate a Mobile Crane</p>	<p>2.1 prepare the machine for work</p> <p>2.2 drive and manoeuvre the machine</p> <p>2.3 set up the machine for work</p> <p>2.4 undertake the specified work tasks</p> <p>2.5 shut down the machine</p>

Unit L/503/6437 Operating a Pedestrian Operated Tower Crane

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Pedestrian Operated Tower Crane	1.1 explain how to prepare the machine for work 1.2 explain how to set up the machine for work 1.3 explain how to undertake the specified work tasks 1.4 explain how to shut down the machine
2 Be able to operate a Pedestrian Operated Tower Crane	2.1 prepare the machine for work 2.2 set up the machine for work 2.3 undertake the specified work tasks 2.4 shut down the machine

Unit M/503/6429 Operating a Compact Crane

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Understand how to operate a Compact Crane	1.1	explain how to prepare the machine for work
		1.2	explain how to drive and manoeuvre the machine
		1.3	explain how to set up the machine for work
		1.4	explain how to undertake the specified work tasks
		1.5	explain how to shut down the machine
2	Be able to operate a Compact Crane	2.1	prepare the machine for work
		2.2	drive and manoeuvre the machine
		2.3	set up the machine for work
		2.4	undertake the specified work tasks
		2.5	shut down the machine

Unit H/503/6413 Operating a Crusher

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Crusher	1.1 explain how to prepare the machine for work 1.2 explain how to drive and manoeuvre the machine 1.3 explain how to set up the machine for work 1.4 explain how to undertake the specified work tasks 1.5 explain how to shut down the machine
2 Be able to operate a Crusher	2.1 prepare the machine for work 2.2 drive and manoeuvre the machine 2.3 set up the machine for work 2.4 undertake the specified work tasks 2.5 shut down the machine

Unit R/503/6441 Operating a Screener

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Screener	1.1 explain how to prepare the machine for work
	1.2 explain how to drive and manoeuvre the machine
	1.3 explain how to set up the machine for work
	1.4 explain how to undertake the specified work tasks
	1.5 explain how to shut down the machine
2 Be able to operate a Screener	2.1 prepare the machine for work
	2.2 drive and manoeuvre the machine
	2.3 set up the machine for work
	2.4 undertake the specified work tasks
	2.5 shut down the machine

Unit M/503/6432 Operating a Dragline

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Dragline	1.1 explain how to prepare the machine for work
	1.2 explain how to drive and manoeuvre the machine
	1.3 explain how to set up the machine for work
	1.4 explain how to undertake the specified work tasks
	1.5 explain how to shut down the machine
2 Be able to operate a Dragline	2.1 prepare the machine for work
	2.2 drive and manoeuvre the machine
	2.3 set up the machine for work
	2.4 undertake the specified work tasks
	2.5 shut down the machine

Unit R/503/6455

Operating a Piling Rig – tripod

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Understand how to operate a Piling Rig – tripod	1.1	explain how to prepare the machine for work
		1.2	explain how to set up the machine for work
		1.3	explain how to undertake the specified work tasks
		1.4	explain how to shut down the machine
2	Be able to operate a Piling Rig - tripod	2.1	prepare the machine for work
		2.2	set up the machine for work
		2.3	undertake the specified work tasks
		2.4	shut down the machine

Unit Y/503/6439

Operating a Piling Rig – driven below 15 tonnes

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate a Piling Rig – driven below 15 tonnes</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to drive and manoeuvre the machine</p> <p>1.3 explain how to set up the machine for work</p> <p>1.4 explain how to undertake the specified work tasks</p> <p>1.5 explain how to shut down the machine</p>
<p>2 Be able to operate a Piling Rig - driven below 15 tonnes</p>	<p>2.1 prepare the machine for work</p> <p>2.2 drive and manoeuvre the machine</p> <p>2.3 set up the machine for work</p> <p>2.4 undertake the specified work tasks</p> <p>2.5 shut down the machine</p>

Unit J/503/6422

Operating a Piling Rig – driven above 15 tonnes

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate a Piling Rig – driven above 15 tonnes</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to drive and manoeuvre the machine</p> <p>1.3 explain how to set up the machine for work</p> <p>1.4 explain how to undertake the specified work tasks</p> <p>1.5 explain how to shut down the machine</p>
<p>2 Be able to operate a Piling Rig - driven above 15 tonnes</p>	<p>2.1 prepare the machine for work</p> <p>2.2 drive and manoeuvre the machine</p> <p>2.3 set up the machine for work</p> <p>2.4 undertake the specified work tasks</p> <p>2.5 shut down the machine</p>

Unit Y/503/6456

Operating a Piling Rig – bored below 15 tonnes

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Piling Rig – bored below 15 tonnes	1.1 explain how to prepare the machine for work 1.2 explain how to drive and manoeuvre the machine 1.3 explain how to set up the machine for work 1.4 explain how to undertake the specified work tasks 1.5 explain how to shut down the machine
2 Be able to operate a Piling Rig - bored below 15 tonnes	2.1 prepare the machine for work 2.2 drive and manoeuvre the machine 2.3 set up the machine for work 2.4 undertake the specified work tasks 2.5 shut down the machine

Unit R/503/6438

Operating a Piling Rig – bored above 15 tonnes

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Piling Rig – bored above 15 tonnes	1.1 explain how to prepare the machine for work 1.2 explain how to drive and manoeuvre the machine 1.3 explain how to set up the machine for work 1.4 explain how to undertake the specified work tasks 1.5 explain how to shut down the machine
2 Be able to operate a Piling Rig - bored above 15 tonnes	2.1 prepare the machine for work 2.2 drive and manoeuvre the machine 2.3 set up the machine for work 2.4 undertake the specified work tasks 2.5 shut down the machine

Unit T/503/6447 Operating an Agricultural Tractor

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate an Agricultural Tractor	1.1 explain how to prepare the machine for work 1.2 explain how to drive and manoeuvre the machine 1.3 explain how to set up the machine for work 1.4 explain how to undertake the specified work tasks 1.5 explain how to shut down the machine
2 Be able to operate an Agricultural Tractor	2.1 prepare the machine for work 2.2 drive and manoeuvre the machine 2.3 set up the machine for work 2.4 undertake the specified work tasks 2.5 shut down the machine

Unit F/503/6452

Operating an Industrial Forklift Truck

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Understand how to operate an Industrial Forklift Truck	1.1	explain how to prepare the machine for work
		1.2	explain how to drive and manoeuvre the machine
		1.3	explain how to set up the machine for work
		1.4	explain how to undertake the specified work tasks
		1.5	explain how to shut down the machine
2	Be able to operate an Industrial Forklift Truck	2.1	prepare the machine for work
		2.2	drive and manoeuvre the machine
		2.3	set up the machine for work
		2.4	undertake the specified work tasks
		2.5	shut down the machine

Unit R/503/6424 Operating a Reach Truck

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
1 Understand how to operate a Reach Truck	1.1 explain how to prepare the machine for work 1.2 explain how to drive and manoeuvre the machine 1.3 explain how to set up the machine for work 1.4 explain how to undertake the specified work tasks 1.5 explain how to shut down the machine
2 Be able to operate a Reach Truck	2.1 prepare the machine for work 2.2 drive and manoeuvre the machine 2.3 set up the machine for work 2.4 undertake the specified work tasks 2.5 shut down the machine

Unit K/503/6445 Operating a Transporter Loader/securer STGO

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate a Transporter Loader/securer STGO</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to drive and manoeuvre the machine</p> <p>1.3 explain how to set up the machine for work</p> <p>1.4 explain how to undertake the specified work tasks</p> <p>1.5 explain how to shut down the machine</p>
<p>2 Be able to operate a Transporter Loader/securer STGO</p>	<p>2.1 prepare the machine for work</p> <p>2.2 drive and manoeuvre the machine</p> <p>2.3 set up the machine for work</p> <p>2.4 undertake the specified work tasks</p> <p>2.5 shut down the machine</p>

Unit H/503/6444

Operating a Transporter Loader/securer non-STGO

Learning Outcome - The learner will:	Assessment Criterion - The learner can:
<p>1 Understand how to operate a Transporter Loader/securer non-STGO</p>	<p>1.1 explain how to prepare the machine for work</p> <p>1.2 explain how to drive and manoeuvre the machine</p> <p>1.3 explain how to set up the machine for work</p> <p>1.4 explain how to undertake the specified work tasks</p> <p>1.5 explain how to shut down the machine</p>
<p>2 Be able to operate a Transporter Loader/securer non-STGO</p>	<p>2.1 prepare the machine for work</p> <p>2.2 drive and manoeuvre the machine</p> <p>2.3 set up the machine for work</p> <p>2.4 undertake the specified work tasks</p> <p>2.5 shut down the machine</p>

Unit A/503/6417 Operating a Loader Compressor

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Understand how to operate a Loader Compressor	1.1	explain how to prepare the machine for work
		1.2	explain how to drive and manoeuvre the machine
		1.3	explain how to set up the machine for work
		1.4	explain how to undertake the specified work tasks
		1.5	explain how to shut down the machine
2	Be able to operate a Loader Compressor	2.1	prepare the machine for work
		2.2	drive and manoeuvre the machine
		2.3	set up the machine for work
		2.4	undertake the specified work tasks
		2.5	shut down the machine

Unit Y/503/6442

Operating a Soil/Landfill Compactor

Learning Outcome - The learner will:		Assessment Criterion - The learner can:	
1	Understand how to operate a Soil/Landfill Compactor	1.1	explain how to prepare the machine for work
		1.2	explain how to drive and manoeuvre the machine
		1.3	explain how to set up the machine for work
		1.4	explain how to undertake the specified work tasks
		1.5	explain how to shut down the machine
2	Be able to operate a Soil/Landfill Compactor	2.1	prepare the machine for work
		2.2	drive and manoeuvre the machine
		2.3	set up the machine for work
		2.4	undertake the specified work tasks
		2.5	shut down the machine



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