

Level 2 NVQ Diploma in Demolition (Construction)

Qualification Specification

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Introduction

The ProQual Level 2 NVQ Diploma in Demolition (Construction) qualification provides a nationally recognised qualification for those working in this specialised area of construction. There are 2 specialised pathways:

Pathway 1 – Demolition Pathway 2 – Plant

The awarding body for this qualification is ProQual Awarding Body (<u>www.proqualab.com</u>) and the regulatory body is the Office of Qualifications and Examinations Regulation (Ofqual); It is also endorsed by the sector body for construction - CITB.

The qualification has been accredited onto the Regulated Qualifications Framework (RQF) and is published on Ofqual's Register of Qualifications.

Qualification Profile Level 2 NVQ Diploma in Demolition (Construction)

Qualification title	ProQual Level 2 NVQ Diploma in Demolition (Construction)
Ofqual qualification number	603/0511/3
Level	2
Total Qualification Time	380-430 hours (146-199 GLH)
Assessment	Pass or fail Internally assessed and verified by centre staff External quality assurance by ProQual verifiers
Qualification start date	14/09/16
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

To achieve the qualification candidates must complete three Mandatory units, plus the required Mandatory/Optional units from one of the pathways.

Candidates may complete any of the Additional Units relevant to their Pathway choice, but these will not count towards the qualification.

CITB references are provided in this document for information only.

Mandatory units for all Pathways (this information is also included in the Pathway details from page 5).

Mandatory Ur	CITB references provided for information only		
Unit Ref.	Title	CITB Internal Unit Ref.	
M/508/6537	Conforming to general health, safety and welfare in the workplace	1	641
T/508/6538	Conforming to productive working practices in the workplace	2	642
Y/508/6533	Moving, handling and storing resources in the workplace	2	643

Pathways

There are 2 Pathways, the Mandatory requirements for each are listed below.

Pathway 1: Demolition Pathway 2: Plant

Pathway 1 : Demolition

Mandatory Ur	CITB reference provided for information only					
Unit Ref.	Title	CITB Internal Unit Ref.				
M/508/6537	Conforming to general health, safety and welfare in the workplace	1	641			
T/508/6538	Conforming to productive working practices in the workplace	2	642			
Y/508/6533	Moving, handling and storing resources in the workplace	2	643			
J/615/2360	Removing and segregating components prior to demolition in the workplace	154v2				
Optional Units	s – ONE unit		CITB reference provided for information only			
Unit Ref.	Ref. Title Level					
L/615/2361	Demolishing/dismantling masonry and concrete structures in the workplace	155v3				
R/615/2362	Demolishing/dismantling roofs and cladding in the workplace	156v2				

Candidates must complete 4 Mandatory units, plus 1 Optional unit.

Pathway 1 Additional Units

Additional Un these will not	CITB reference provided for information only					
Unit Ref.	Unit Ref. Title Level					
T/615/2371	Demolishing/dismantling timber-framed structures in the workplace	2	157v2			
A/615/2372	Demolishing/dismantling steel-framed structures in the workplace	2	158v2			
A/615/1609	Erecting and dismantling access/working platforms in the workplace	2	250			
A/508/6587	Preparing and operating powered units, tools or pedestrian plant, machinery or equipment in the workplace	2	400v2			
A/508/6525	Slinging and hand signalling the movement of suspended loads in the workplace	2	402Av1			

Pathway 2 : Plant

Candidates must complete 4 Mandatory units, plus 1 Optional unit.

Mandatory Ur	nits		CITB reference provided for information only			
Unit Ref.	Title	Level	CITB Internal Unit Ref.			
M/508/6537	Conforming to general health, safety and welfare in the workplace	1	641			
T/508/6538	Conforming to productive working practices in the workplace	2	642			
Y/508/6533	Moving, handling and storing resources in the workplace	2	643			
Y/615/2363	Inspecting and completing user maintenance on plant or machinery in the workplace	1	657			
Optional Units	Optional Units – ONE unit					
Unit Ref.	Title	CITB Internal Unit Ref.				
D/615/2364	Operating demolition plant or machinery to demolish structures above 30 metres in the workplace	2	385Av2			
H/615/2365	Operating demolition plant or machinery to demolish structures up to 30 metres in the workplace	2	385Bv2			
K/615/2366	Operating demolition plant or machinery to demolish2structures up to 15 metres in the workplace2		385Cv2			
M/615/2367	Operating demolition-adapted crawler cranes (demolition plant) to demolish structures in the workplace	2	385Dv2			
T/615/2368	Operating remote and/or pedestrian-operated demolition plant to demolish structures in the workplace	2	385Ev2			
A/615/2369	Operating demolition skid steer (demolition plant) to demolish structures in the workplace	2	385F			
M/508/6571	Preparing and operating 180 degree excavators to extract and excavate ground and loose materials in the workplace	2	388Bv3			
D/508/6498	Preparing and operating wheeled loading shovels to extract loose materials in the workplace	2	388Cv3			
T/508/6572	Preparing and operating tracked loading shovels to extract ground and loose materials in the workplace	2	388Dv3			
H/508/6499	Preparing and operating skid steer loaders to extract loose materials in the workplace	2	388Ev3			
J/508/6575	Preparing and operating 360 degree excavators to extract ground, face and/or loose materials in the workplace	2	388Jv3			
M/615/2370	Preparing and operating 360 degree excavators to remove and process loose waste-type materials in the workplace	388Kv3				

Pathway 2 Additional Units

Additional Un these will not	CITB reference provided for information only					
Unit Ref.	Title	CITB Internal Unit Ref.				
H/508/6566	Preparing and operating crawler cranes (above 10 tonnes) to lift and transfer loads in the workplace	387Bv2				
M/508/6568	Preparing and operating mobile cranes to lift and transfer loads in the workplace	2	387Dv2			
M/508/6490	Preparing and operating rough terrain masted forklifts to lift and transfer loads in the workplace	2	387Hv2			
T/508/6491	Preparing and operating industrial forklift trucks to lift and transfer loads in the workplace	2	387Jv2			
A/508/6492	Preparing and operating sideloader forklifts to lift and transfer loads in the workplace	2	387Kv2			
F/508/6493	Preparing and operating telescopic handlers to lift and transfer loads in the workplace	2	387Lv2			
J/508/6494	Preparing and operating reach trucks to lift and transfer loads in the workplace	2	387Mv2			
D/508/6484	Preparing and operating lorry loaders or knuckle booms to lift and transfer loads in the workplace	387Qv2				
H/508/6485	Preparing and operating skip handlers to lift and transfer loads in the workplace	387Rv2				
L/508/6578	Preparing and operating crawler tractor dozers to carry out dozer operations in the workplace	2	388Lv1			
R/508/6501	Preparing and operating forward tipping dumpers to receive, transport and discharge materials in the workplace	2	391Bv3			
Y/508/6502	Preparing and operating rear tipping dump trucks to receive, transport and discharge materials in the workplace	2	391Cv3			
A/508/6508	Preparing and operating scissor-type mobile elevating work platforms (MEWP) in the workplace	2	392Av3			
F/508/6509	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace	2	392Bv3			
T/508/6510	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace	2	392Cv3			
H/508/6518	Preparing and operating crushers to process materials2395Av3in the workplace2395Av3					
K/508/6519	Preparing and operating screeners to process materials in the workplace	2	395Bv3			
K/508/6522	Preparing and operating batching plant to process materials in the workplace	2	395Cv3			
A/508/6525	Slinging and hand signalling the movement of2402Av1suspended loads in the workplace					
F/508/6588	Erecting and dismantling plant (cranes and rigs) in the workplace	2	4004v2			

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

Assessors for each unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.

Assessors and internal quality assurance verifiers for competence-based units or qualifications will normally need to hold appropriate assessor or internal quality assurance qualifications.

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.

The structure and units of this qualification are based on NOS for the construction sector developed by CITB.

Assessment

This qualification is 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.

The qualifications must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment, and it must be internally assessed by an appropriately experienced and qualified assessor.

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 11.

Additional information for assessment and requirements for unit endorsements where relevant is included after all of the learning outcomes and assessment criteria for each unit.

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 requirements for this qualification will be awarded:

- A certificate listing all units achieved, 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 qualification. All certificates will be issued to the centre for successful candidates.

Unit certificates

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

Title:	Conforming to general health, safety and welfare in the workplace.		
Unit Number:	M/508/6537	M/508/6537	
Learning outcomes The learner will be able to:			ssment criteria earner can:
 Comply with all workplace health, safety and welfare legislation requirements. 		1.1	Comply with information from workplace inductions and any health, safety and welfare briefings attended relevant to the occupational area.
		1.2	Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements.
		1.3	Comply with statutory requirements, safety notices and warning notices displayed within the workplace and/or on equipment.
		1.4	 State why and when health and safety control equipment, identified by the principles of protection, should be used relating to types, purpose and limitations of each type, the work situation, occupational use and the general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV).
		1.5	State how the health and safety control equipment relevant to the work should be used in accordance with the given instructions.
		1.6	State which types of health, safety and welfare legislation, notices and warning signs are relevant to the occupational area and associated equipment.
		1.7	State why health, safety and welfare legislation, notices and warning signs are relevant to the occupational area.
		1.8	State how to comply with control measures that have been identified by risk assessments and safe systems of work.
2 Recognise haza with the workpl not been previo	ace that have ously controlled	2.1	Report any hazards created by changing circumstances within the workplace in accordance with organisational procedures.
and report them in accordance with organisational procedures.	2.2	List typical hazards associated with the work environment and occupational area in relation to resources, substances, asbestos, equipment, obstructions, storage, services and work activities.	
		2.3	List the current Health and Safety Executive top ten safety risks.

Title:	Conforming to	ning to general health, safety and welfare in the workplace.		
Learning outcomes The learner will be able to:			arner can:	
2 continued		2.4	List the current Health and Safety Executive top five health risks.	
		2.5	State how changing circumstances within the workplace could cause hazards.	
		2.6	State the methods used for reporting changed circumstances, hazards and incidents in the workplace.	
3 Comply with org policies and pro	cedures to	3.1	Interpret and comply with given instructions to maintain safe systems of work and quality working practices.	
contribute to he and welfare.	ealth, safety	3.2	Contribute to discussions by offering/providing feedback relating to health, safety and welfare.	
		3.3	Contribute to the maintenance of workplace welfare facilities in accordance with workplace welfare procedures.	
		3.4	Safely store health and safety control equipment in accordance with given instructions.	
		3.5	Dispose of waste and/or consumable items in accordance with legislation.	
		3.6	 State the organisational policies and procedures for health, safety and welfare, in relation to: dealing with accidents and emergencies associated with the work and environment methods of receiving or sourcing information reporting stopping work evacuation fire risks and safe exit procedures consultation and feedback. 	
		3.7	State the appropriate types of fire extinguishers relevant to the work.	
		3.8	State how and when the different types of fire extinguishers are used in accordance with legislation and official guidance.	

Tit	le:	Conforming to general health, safety and welfare in the workplace.		
Learning outcomes The learner will be able to:				sment criteria arner can:
4 Work responsibly to contribute to workplace health, safety and welfare		4.1	Demonstrate behaviour which shows personal responsibility for general workplace health, safety and welfare.	
	whilst carrying out work in the relevant occupational area.		4.2	 State how personal behaviour demonstrates responsibility for general workplace health, safety and welfare, in relation to: recognising when to stop work in the face of serious and imminent danger to self and/or others contributing to discussions and providing feedback reporting changed circumstances and incidents in the workplace complying with the environmental requirements of the workplace.
			4.3	Give examples of how the behaviour and actions of individuals could affect others within the workplace.
5	5 Comply with and support all organisational security arrangements and approved procedures.		5.1	 Provide appropriate support for security arrangements in accordance with approved procedures: during the working day on completion of the day's work for unauthorised personnel (other operatives and the general public) for theft.
			5.2	State how security arrangements are implemented in relation to the workplace, the general public, site personnel and resources.

Title:	Conforming to general health, safety and welfare in the workplace.		
Additional inform	nation about this	unit	
Assessment Guida	ance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.	
Sector Subject Are	ea	05.2 Building and Construction	
Availability for use	e	Shared unit	
Unit guided learning hours		7	

Title:	Conforming to productive working practices in the workplace		
Unit Number:	T/508/6538		
Learning outcome			sment criteria arner can:
1 Communicate with others to establish productive work practices.		1.1	Communicate in an appropriate manner with line management, colleagues and/or customers to ensure that work is carried out productively.
		1.2	Describe the different methods of communicating with line management, colleagues and customers.
		1.3	Describe how to use different methods of communication to ensure that the work carried out is productive.
2 Follow organis procedures to sequence of v	plan the	2.1	Interpret relevant information from organisational procedures in order to plan the sequence of work.
sequence of v	VOIK.	2.2	Plan the sequence of work, using appropriate resources, in accordance with organisational procedures to ensure work is completed productively.
		2.3	 Describe how organisational procedures are applied to ensure work is planned and carried out productively, in relation to: using resources for own and other's work requirements allocating appropriate work to employees organising the work sequence reducing carbon emissions.
		2.4	Describe how to contribute to zero/low carbon work outcomes within the built environment.
3 Maintain relev accordance w	rith the	3.1	Complete relevant documentation according to the occupation as required by the organisation.
organisationa	r procedures.	3.2	 Describe how to complete and maintain documentation in accordance with organisational procedures, in relation to: job cards worksheets material/resource lists time sheets.
		3.3	Explain the reasons for ensuring documentation is completed clearly and within given timescales.
4 Maintain goo relationships conforming to working pract	when productive	4.1	Carry out work productively, to the agreed specification, in conjunction with line management, colleagues, customers and/or other relevant people involved in the work to maintain good working relationships.

Title:	Conforming t	Conforming to productive working practices in the workplace	
Learning outcomes The learner will be able to:			sment criteria arner can:
		4.2	Apply the principles of equality and diversity and respect the needs of individuals when communicating and working with others.
		4.3	 Describe how to maintain good working relationships, in relation to: individuals customer and operative operative and line management own and other occupations.
		4.4	Describe why it is important to work effectively with line management, colleagues and customers.
		4.5	Describe how working relationships could have an effect on productive working.
		4.6	Describe how to apply principles of equality and diversity when communicating and working with others.

Title:	Conforming to Productive Working Practices in the Workplace		
Additional inform	nation about this	unit	
Assessment Guida	ance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.	
Sector Subject Are	eas	05.2 Building and Construction	
Availability for use	e	Shared unit	
Unit guided learni	ing hours	10	

Title: Moving, handl		ling and	storing resources in the workplace
Unit Number Y/508/6533			
Learning outcomes The learner will be able to:			sment criteria arner can:
 Comply with given information when moving, handling and/or storing resources. 		1.1	Interpret the given information relating to moving, handling and/or storing resources, relevant to the given occupation.
		1.2	Interpret the given information relating to the use and storage of lifting aids and equipment.
		1.3	Describe the different types of technical, product and regulatory information, their source and how they are interpreted.
		1.4	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.5	Describe how to obtain information relating to using and storing lifting aids and equipment.
relevant legis official guida moving, hanc	2 Know how to comply with relevant legislation and official guidance when moving, handling and/or storing resources.		 Describe their responsibilities under current legislation and official guidance whilst working: in the workplace, in confined spaces, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
			Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		2.3	Explain what the accident reporting procedures are and who is responsible for making the reports.
		2.4	State the appropriate types of fire extinguishers relevant to the work.
			Describe how and when the different types of fire extinguishers, relevant to the given occupation, are used in accordance with legislation and official guidance.
3 Maintain safe practices whe handling and, resources.	en moving,	3.1	Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements when moving, handling and/or storing resources.
		3.2	Use lifting aids safely as appropriate to the work.

Tit	le:	Moving, handling and storing resources in the workplace		
Learning outcomes The learner will be able to:			ssment criteria earner can:	
3	continued		3.3	Protect the environment in accordance with safe working practices as appropriate to the work.
			3.4	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to moving, handling and/or storing resources, and the types, purpose and limitations of each type, the work situation, occupational use and the general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV).
			3.5	Describe how the health and safety control equipment relevant to the work should be used in accordance with the given instructions.
			3.6	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.
4		esources for the	4.1	Select the relevant resources to be moved, handled and/or stored, associated with own work.
	methods of work to move, handle and/or store occupational resources.	4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the occupational resources in relation to: - lifting and handling aids - container(s) - fixing, holding and securing systems.	
			4.3	Describe how the resources should be handled and how any problems associated with the resources are reported.
			4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
			4.5	Describe any potential hazards associated with the resources and methods of work.
5	occupational resources and surrounding environment	esources and vironment	5.1	Protect occupational resources and their surrounding area from damage in accordance with safe working practices and organisational procedures.
	when moving, handling and/or storing resources.		5.2	Dispose of waste and packaging in accordance with legislation.

Title:	Moving, handling and storing resources in the workplace		storing resources in the workplace
Learning outcomes The learner will be able to:			sment criteria arner can:
5 continued		5.3	Maintain a clean work space when moving, handling or storing resources.
		5.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
		5.5	Explain why the disposal of waste should be carried safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6 Complete the the allocated t	time when	6.1	Demonstrate completion of the work within the allocated time.
-	moving, handling and/or storing resources.		 State the purpose of the work programme and explain why deadlines should be kept in relation to: progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.
7 Comply with t occupational r information to handle and/o	resource o move, r store	7.1	 Demonstrate the following work skills when moving, handling and/or storing occupational resources: moving, positioning, storing, securing and/or using lifting aids and kinetic lifting techniques.
guidance.	resources to the required guidance.	7.2	 Move, handle and/or store occupational resources to meet product information and organisational requirements relating to three of the following: sheet material loose material bagged or wrapped material fragile material tools and equipment components liquids.
			Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them when moving, handling and/or storing occupational resources.
			Describe the needs of other occupations when moving, handling and/or storing resources.

Title:	Moving, handling and storing resources in the workplace		
Additional inform	nation about this	unit	
Assessment Guida	ance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.	
Sector Subject Are	eas	05.2 Building and Construction	
Availability for use	e	Shared unit	
Unit guided learning hours		17	

Title:	Removing and	Removing and segregating components prior to demolition in the workplace		
Unit Number: J/615/2360				
Learning outcome The learner will be a			arner can:	
1 Interpret the given information relating to the work and resources when		1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements and risk assessments.	
removing and components p demolition.		1.2	Comply with information and/or instructions derived from risk assessments and method statement.	
		1.3	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.	
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, site inductions, toolbox talks, statutory regulations and official guidance relating to segregation and recycling or disposal of waste. 	
relevant legis official guidar removing and	relevant legislation and official guidance when removing and segregating components prior to		 Describe their responsibilities under current legislation and official guidance whilst working: in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. 	
		2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.	
		2.3	Explain what the accident reporting procedures are and who is responsible for making reports.	
		2.4	State the types of fire extinguishers available when removing and segregating components prior to demolition and describe how and when they are used.	
3 Maintain safe practices whe and segregati components p demolition.	n removing	3.1	Use health and safety control equipment and access equipment safely to carry out the activity in accordance with legislation and organisational requirements when removing and segregating components prior to demolition.	

Title:	Removing and	segreg	ating components prior to demolition in the workplace
Learning outcomes The learner will be able to:			arner can:
3 Continued		3.2	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to removing and segregating components prior to demolition, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV).
			Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.
			State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.
and quality of the methods		4.1	Select resources associated with own work in relation to demolition tools and equipment and waste and/or recycling containers.
	remove and segregate components prior to demolition.	4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: - demolition tools and equipment - waste and/or recycling containers.
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
			Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
			Describe any potential hazards associated with the resources and method of work.

Tit	le:	Removing and segregating components prior to demolition in the workplace		
Learning outcomes The learner will be able to:			asment criteria	
5 Minimise the risk of damage to the work and surrounding area when		5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
	removing and components p		5.2	Minimise damage and maintain a clean work space.
	demolition.		5.3	Dispose of waste in accordance with legislation.
			5.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			5.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, statutory regulations and official guidance relating to segregation and recycling procedures.
6	Complete the work within the allocated time when	time when	6.1	Demonstrate completion of the work within the allocated time.
	removing and components p demolition.		6.2	 State the purpose of the work programme and explain why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.

Title:	Removing and	segregating components prior to demolition in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria		
 Comply with the given contract information to remove and segregate components prior to 		 The learner can: 7.1 Demonstrate the following work skills when removing and segregating components prior to demolition: disconnecting, dismantling, segregating and removing. 		
demolition to the required specification.	 7.2 Remove and segregate the following materials and components by hand for disposal and/or recycling to given working instructions: timber metal bricks and/or blocks glass sanitary ware fixtures and fittings mechanical and electrical equipment. 			
		7.3 Safely segregate materials.		
		7.4 Safely use demolition tools and equipment and ancillary equipment.		
		7.5 Safely store the materials, tools and equipment used when removing and segregating components prior to demolition.		
		 7.6 Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them, to: remove and segregate materials, components and/or recyclable items: timber, metal, bricks and/or blocks, glass, sanitary ware, fixtures and fittings, mechanical and electrical equipment use demolition, tools and equipment work at height use access equipment. 		
		7.7 Describe the needs of other occupations and how to effectively communicate within a team when removing and segregating components prior to demolition.		
		7.8 Describe how to check and maintain the tools and equipment used to remove and segregate components prior to demolition.		

Title:	Removing and segregating components prior to demolition in the workplace		
Additional inform	ation about this	unit	
Assessment Guidance		This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.	
		Workplace evidence of skills cannot be simulated.	
Sector Subject Are	ea	05.2 Building and Construction	
Availability for use		Shared unit	
Unit credit value		15	
Unit guided learning hours		75	

Tit	le:	Demolishing/	dismantling masonry and concrete structures in the workplace
Unit Number: L/615/2361		L/615/2361	
Learning outcomes The learner will be able to:			Assessment criteria The learner can:
1 Interpret the given information relating to the work and resources when		lating to the urces when	1.1 Interpret and extract relevant information from drawings, specifications, schedules, method statements and risk assessments.
	demolishing/d masonry and c structures.	-	1.2 Comply with information and/or instructions derived from risk assessments and method statement.
			1.3 State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
			 1.4 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, site inductions, tool-box talks, statutory regulations and official guidance relating to segregation and recycling or disposal of waste.
2	2 Know how to comply with relevant legislation and official guidance when demolishing/dismantling masonry and concrete structures.		 2.1 Describe their responsibilities under current legislation and official guidance whilst working: in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
			2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
			2.3 Explain what the accident reporting procedures are and who is responsible for making reports.
			2.4 State the types of fire extinguishers available when demolishing/dismantling masonry and concrete structures and describe how and when they are used.
3	3 Maintain safe working practices when demolishing/dismantling masonry and concrete structures.		3.1 Use health and safety control equipment and access equipment safely to carry out the activity in accordance with legislation and organisational requirements when demolishing/dismantling masonry and concrete structures.
			 3.2 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to demolishing/dismantling masonry and concrete structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV).

Tit	Title: Demolishing/dismantling masonry and concrete structures in the workplace				
	Learning outcomes		Assessment criteria		
The	The learner will be able to:		The learner can:		
3 Continued		3.3	Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.		
		3.4	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.		
4	4 Select the required quantity and quality of resources for the methods of work to demolish/dismantle masonry and concrete structures.		4.1	Select resources associated with own work in relation to demolition tools and equipment, plant and machinery and waste and/or recycling containers.	
			4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: - demolition tools and equipment - waste/recycling containers.	
			4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.	
			4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.	
			4.5	Describe any potential hazards associated with the resources and method of work.	
5	to the work an area when den	k and surrounding demolishing/ g brick, masonry ncrete structures. 5	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
	-		5.2	Minimise damage and maintain a clean work space.	
			5.3	Dispose of waste in accordance with legislation.	
			5.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.	
			5.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, statutory regulations and official guidance relating to segregation and recycling procedures.	

Title: Demolishing/disi		mantling masonry and concrete structures in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
allocated time when demolishing/dismantling		6.1	Demonstrate completion of the work within the allocated time.	
		6.2	 State the purpose of the work programme and explain why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 	
7 Comply with the given contract information to demolish/dismantle masonry and concrete structures, to		7.1	 Demonstrate the following work skills when demolishing/ dismantling brick, masonry and concrete structures: releasing, handling, lowering, sorting, stacking/storing, breaking and loading. 	
	the required specification.		7.2	Demolish and/or dismantle, remove and segregate masonry and concrete structures for disposal and/or recycling to given working instructions.
			7.3	Safely segregate materials.
			7.4	Safely use demolition tools and equipment.
			7.5	Safely store the materials, tools and equipment used when demolishing/dismantling masonry and concrete structures.
			7.6	 Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them, to: erect barriers and warning notices demolish and/or dismantle masonry and concrete structures segregate all arisings for recycling or disposal use demolition tools and equipment work at height use access equipment.
			7.7	Describe the needs of other occupations and how to effectively communicate within a team when demolishing/ dismantling brick, masonry and/or concrete structures.
			7.8	Describe how to check and maintain the tools and equipment used when demolishing/dismantling masonry and concrete structures.

Title:	Demolishing/dismantling masonry and concrete structures in the workplace				
Additional inform	Additional information about this unit				
Assessment Guidance		This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational			
		expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.			
		Workplace evidence of skills cannot be simulated.			
Sector Subject Area		05.2 Building and Construction			
Availability for use		Shared unit			
Unit credit value		18			
Unit guided learning hours		90			

Title: Demolishing/d		ismant	ling roofs and cladding in the workplace	
Unit Number: R/615/2362				
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
1 Interpret the given information relating to the work and resources when		1.1	Interpret and extract relevant information from drawings, specifications, schedules method statements and risk assessments.	
	nolishing/d fs and clad	lismantling ding.	1.2	Comply with information and/or instructions derived from risk assessments and method statement.
			1.3	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, site inductions, tool-box talks, statutory regulations and official guidance relating to segregation and recycling or disposal of waste. 	
rele offi den	2 Know how to comply with relevant legislation and official guidance when demolishing/dismantling roofs and cladding.		2.1	 Describe their responsibilities under current legislation and official guidance whilst working: in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
			2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
			2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
			2.4	State the types of fire extinguishers available when demolishing/dismantling roofs and cladding and describe how and when they are used.
prae den	3 Maintain safe working practices when demolishing/dismantling roofs and cladding.		3.1	Use health and safety control equipment and access equipment safely to carry out the activity in accordance with legislation and organisational requirements when demolishing/dismantling roofs and cladding.
			3.2	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to demolishing/dismantling roofs and cladding, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV).

Tit	Title: Demolishing/d		ismant	ling roofs and cladding in the workplace
	Learning outcomes The learner will be able to:		Assessment criteria The learner can:	
3			3.3	Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.
			3.4	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.
4	4 Select the required quantity and quality of resources for the methods of work to demolish/dismantle roofs and cladding.		4.1	Select resources associated with own work in relation to demolition tools and equipment and waste and/or recycling containers.
			4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: - demolition tools and equipment - waste/recycling containers.
			4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
			4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
			4.5	Describe any potential hazards associated with the resources and method of work.
5	to the work and area when dem	nise the risk of damage e work and surrounding when demolishing/	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	dismantling roofs and cladding.	ots and	5.2	Minimise damage and maintain a clean work space.
				Dispose of waste in accordance with legislation.
				Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			5.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, statutory regulations and official guidance relating to segregation and recycling procedures.

Title: Demolishing/dis		ismantl	ing roofs and cladding in the workplace
Learning outcomes The learner will be able to:			sment criteria arner can:
6 Complete the work within the allocated time when demolishing/dismantling roofs and cladding.		6.1	Demonstrate completion of the work within the allocated time.
		6.2	 State the purpose of the work programme and explain why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.
7 Comply with the given contract information to demolish/dismantle roofs and cladding, to the requir		7.1	Demonstrate the following work skills when demolishing/ dismantling roofs and cladding: – releasing, handling, lowering, treating, wrapping, segregating and loading.
specification.		7.2	Demolish and/or dismantle roofs and cladding to given working instructions.
		7.3	Remove and segregate glass, metal and plastics for disposal and/or recycling to given working instructions.
		7.4	Remove and segregate one of the following for disposal and/or recycling to given working instructions: – asbestos cement products – composite panels.
		7.5	Safely segregate materials.
		7.6	Safely use demolition tools and equipment.
		7.7	Safely store the materials, tools and equipment used when demolishing/dismantling roofs and cladding.
		7.8	 Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them, to: erect barriers and warning notices identify and report hazards demolish/dismantle roofs and cladding remove and segregate asbestos cement products, glass, metal, plastics and composite panels recycle or dispose of arisings use demolition tools and equipment work at height use access equipment.
		7.9	Describe the needs of other occupations and how to effectively communicate within a team when demolishing/ dismantling roofs and cladding.
			Describe how to check and maintain the tools and equipment used when demolishing/dismantling roofs and cladding.

Title:	emolishing/dismantling roofs and cladding in the workplace			
Additional information about this unit				
Assessment Guidance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.			
	Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.			
	Workplace evidence of skills cannot be simulated.			
	This unit must be assessed against the endorsements detailed within the relevant NVQ Structure.			
	ProQual Level 2 NVQ Diploma in Demolition (Construction)			
	One of the following endorsements required:			
	Asbestos cement products			
	Composite panels			
Sector Subject Areas	05.2 Building and Construction			
Availability for use	Shared unit			
Unit credit value	19			
Unit guided learning hours	63			

Title:	Inspecting and completing user maintenance on plant or machinery in the workplace				
Unit Number:	Y/615/2363	//615/2363			
Learning outcome The learner will be a			arner can:		
1 Identify relevant information relating to the work and resources when inspecting and completing		1.1	Identify relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information related to the work to be carried out.		
user mainten or machinery	ance on plant	1.2	Comply with information and/or instructions derived from risk assessments and method statements.		
		1.3	State the organisational procedures developed to report and rectify inappropriate information.		
		1.4	List different types of information and their source in relation to: – drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations associated with inspecting and completing user maintenance on plant or machinery.		
2 Know how to comply with relevant legislation and official guidance when inspecting and completing user maintenance on plant or machinery.		2.1	 Outline their responsibilities regarding potential accidents and health hazards, whilst working: in the workplace, below ground level, at height, in confined spaces, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. 		
			State the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.		
			State what the accident reporting procedures are and who is responsible for making reports.		
3 Maintain safe working pract inspecting an user mainten or machinery	cices when d completing ance on plant	3.1	Use health and safety control equipment and access equipment (if applicable) safely to carry out the activity in accordance with current legislation and organisational requirements when inspecting and completing user maintenance on plant or machinery.		
		3.2	Comply with information relating to specific risks to health when inspecting and completing user maintenance on plant or machinery.		

Title:	Inspecting and workplace	Inspecting and completing user maintenance on plant or machinery in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
3 Continued		 3.3 State why and when health and safety control equipment, identified by the principles of protection, should be used, relating to inspecting and completing user maintenance on plant or machinery, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
		3.4 State how the relevant health and safety control equipment should be used in accordance with the given instructions.		
		3.5 State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.		
and quali the meth	e required quantity ty of resources for ods of work to	4.1 Select resources associated with own work in relation to materials, components, fixings, tools, equipment and consumables.		
-	nd complete user nce on plant or y.	 4.2 Outline the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: consumables coolants, oils, fuels caps, covers and fastenings hand tools, portable powered tools and equipment. 		
		4.3 State how the resources should be used correctly.		
-		4.4 State how any problems associated with the resources are reported.		
		4.5 Outline any potential hazards associated with the resources and methods of work.		
		4.6 State how to calculate quantity, length, area and wastage associated with the method/procedure to inspect and complete user maintenance on plant and machinery.		

Titl	le:	Inspecting and completing user maintenance on plant or machinery in the workplace		
Learning outcomes The learner will be ab				ssment criteria Parner can:
5 Minimise the risk of damage to the work and surrounding area when inspecting and		5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
	maintenance of	completing user maintenance on plant or		Minimise damage and maintain a clean work space.
	machinery.		5.3	Dispose of waste in accordance with current legislation.
			5.4	Outline how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			5.5	State why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when inspecting and completing user maintenance on plant or machinery.	ime when	6.1	Demonstrate completion of the work within the allocated time.
			6.2	State the purpose of the work programme.
		6	6.3	State why deadlines should be kept in relation to agreed start and finish times.
7	contract inform inspect and co	comply with the given ontract information to nspect and complete user naintenance on plant or	7.1	 Demonstrate the following work skills when inspecting and completing user maintenance on plant or machinery: inspecting, replenishing, replacing, applying, adjusting, lubricating, cleaning and securing.
	machinery to the required specification.	7.2	Inspect and complete user maintenance on plant or machinery to given working instructions to include four of the following: - cooling systems - oil(s) and lubricants - fuel(s) - running gear, drive mechanisms - electrics, instruments, lights and warning devices.	
		7.3	Record information on user maintenance in accordance with given working instructions.	
			7.4	Safely use and handle materials, hand tools, portable power tools and ancillary equipment.
			7.5	Safely store the materials, tools and equipment used when inspecting and completing user maintenance on plant or machinery.

Title:	Inspecting and completing user maintenance on plant or machinery in the workplace	
Learning outcomes The learner will be able to:		Assessment criteria The learner can:
7 Continued		 7.6 Outline how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: identify user maintenance criteria inspect plant and machinery identify high temperature and high pressure components and systems measure and replenish fluids, coolants, oils and fuels remove and replace caps and covers undo, remove and replace nuts, bolts, pins, clips and specialist fastenings deflate and inflate tyres adjust running gear, wheel phasing, track, belt and chain check operation of electrics, instruments, lights and warning devices apply lubricants, greases, oils and compounds by grease gun, cartridge, can, spray and brush use hand tools, portable power tools and equipment work at height use access equipment complete and maintain records.
		7.7 State the needs of other occupations and how to effectively communicate within a team when inspecting and completing user maintenance on plant or machinery.
		7.8 Outline how to maintain the tools and equipment used when inspecting and completing user maintenance on plant or machinery.

Title:	nspecting and completing user maintenance on plant or machinery in the vorkplace						
Additional inform	Additional information about this unit						
Assessment Guidance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.						
	Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.						
	Workplace evidence of skills cannot be simulated.						
	This unit must be assessed against the endorsement detailed within the relevant NVQ Structure.						
	ProQual Level 2 NVQ Diploma in Demolition (Construction)						
	Four of the following endorsements required:						
	Cooling systems						
	Oils and lubricants						
	Fuels						
	Running gear, drive mechanisms						
	Electrics, instruments, lights, warning devices						
Sector subject are	a 5.2 Building and Construction						
Availability for use							
Unit credit value	8						
Unit guided learni hours							

Title:		Operating demolition plant or machinery to demolish structures above 30 metres in the workplace		
Unit Number:	D/615/2364			
Learning outcome The learner will be a			sment criteria arner can:	
1 Interpret the information r use of demoli machinery wh	elating to the tion plant or	1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information.	
demolishing s		1.2	Comply with information and/or instructions derived from risk assessments and method statements.	
		1.3	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.	
			 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and regulations governing the operation of plant or machinery. 	
2 Organise with sequence and	l operation in	2.1	Organise the work according to given information or instructions.	
plant or mach	ing demolition hinery are to	2.2	Describe how to communicate ideas between team members.	
be carried ou	t.	2.3	Organise and communicate with team members and other associated occupations.	
		2.4	State how to organise resources prior to and during demolition operations.	
relevant legis official guidar out demolitio	Know how to comply with relevant legislation and official guidance to carry out demolition operations using demolition plant or machinery.	3.1	 Describe their responsibilities under current legislation and official guidance whilst working: in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. 	
		3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.	
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.	

	Operating demolition plant or machinery to demolish structures above 30 metres in the workplace		
Learning outcomes The learner will be able to:	Assessment criteria The learner can:		
4 Maintain safe working practices when carrying ou demolishing operations using demolition plant or machinery.	4.1 Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements when demolishing structures above 30 metres using demolition plant or machinery.		
	 4.2 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to demolishing structures above 30 metres using demolition plant or machinery, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
	4.3 Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.		
	4.4 State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.		
5 Request and select the required quantity and quality of resources to car	5.1 Request and select resources associated with own work in relation to consumables, materials, attachments, tools, accessories and/or ancillary equipment.		
out demolishing operatior using demolition plant or machinery.	 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: consumables, lubricants, fuels spill kits demolition plant, machinery or attachments hand tools, ancillary equipment and/or accessories. 		
	5.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.		
	5.4 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
	5.5 Describe any potential hazards associated with the resources and method of work.		
	5.6 Describe how to estimate weight, quantity, length and area associated with the method/procedure to operate plant or machinery to demolish structures and segregate, stockpile, remove and load materials.		

Tit	le:		Operating demolition plant or machinery to demolish structures above 30 metres in the workplace	
Learning outcomes The learner will be able to:			asment criteria	
6	to the work and surrounding area when		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	demolishing st using demoliti		6.2	Minimise damage and maintain a clean work space.
	machinery.		6.3	Dispose of waste in accordance with legislation.
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7	Complete the the allocated t	time when	7.1	Demonstrate completion of the work within the allocated time.
	demolishing structures using demolition plant or machinery.		7.2	 State the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.
8	contract information to demolish structures above 30 metres in height using demolition plant or		8.1	 Demonstrate the following work skills when demolishing structures above 30 metres using demolition plant or machinery: adjusting, checking, communicating, manoeuvring, positioning, demolishing, segregating, stockpiling, removing and loading.
	machinery to the required specification.	ene required	8.2	Operate demolition plant or machinery to demolish structures above 30 metres to given working instructions.
			8.3	Segregate, stockpile, remove and load materials to given working instructions.
		8.4	Safely use plant or machinery, hand tools, ancillary equipment and/or accessories.	
			8.5	Shut down and secure the plant or machinery to given instructions.
			8.6	Safely store the materials, plant or machinery, tools and equipment used when demolishing structures above 30 metres using demolition plant or machinery.

Title:	Operating dem metres in the v	molition plant or machinery to demolish structures above 30 workplace	
-	Learning outcomes The learner will be able to:		sment criteria urner can:
8 Continued		8.7	 Describe how to apply safe work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the plant and machinery appropriate to the demolition and segregation operation carry out performance checks for the demolition and segregation operation identify the area to be demolished carry out pre-operational checks for obstructions, safety and security of the work and surrounding area check ground conditions to ensure the stability of plant or machinery during demolition activities avoid damage to surrounding structures and utilities demolish structures segregate and safely remove materials into stockpiles and/or containers.
		8.8	 Describe how to apply safe work practices, follow procedures, report problems and establish authority needed to rectify, to: shut down and secure plant or machinery fit and remove attachments using direct and quick-hitch type couplers use hand tools, ancillary equipment and accessories.
		8.9	Describe the needs of other occupations and how to effectively communicate within a team when preparing for and carrying out demolishing operations.
		8.10	Describe how to maintain the plant or machinery, tools and equipment used when demolishing structures above 30 metres using demolition plant or machinery.

Title:	Operating demolition plant or machinery to demolish structures above 30 metres in the workplace		
Additional inform	nation about this	unit	
Assessment Guidance Assessment Guidance Sector Subject Areas Availability for use		This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated	
		Assessment Strategy. Workplace evidence of skills cannot be simulated.	
		05.2 Building and Construction	
		Shared unit	
Unit credit value		70	
Unit guided learning hours		233	

Title: Operating dem metres in the			nolition plant or machinery to demolish structures up to 30 workplace		
Unit Number:	H/615/2365				
Learning outcome The learner will be a			sment criteria arner can:		
	ation relating to the demolition plant or		Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information.		
demolishing s		1.2	Comply with information and/or instructions derived from risk assessments and method statements.		
		1.3	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.		
			 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and regulations governing the operation of plant or machinery. 		
2 Organise with sequence and which demoli	operation in	2.1	Organise the work according to given information or instructions.		
operations us plant or mach	ing demolition iinery are to	2.2	Describe how to communicate ideas between team members.		
be carried ou	t.	2.3	Organise and communicate with team members and other associated occupations.		
		2.4	State how to organise resources prior to and during demolition operations.		
relevant legis official guidar out demolitio	relevant legislation and official guidance to carry out demolition operations using demolition plant or		 Describe their responsibilities under current legislation and official guidance whilst working: in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. 		
		3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.		
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.		

Titl	Title:Operating dem metres in the v		nolition plant or machinery to demolish structures up to 30 workplace		
	Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
4	4 Maintain safe working practices when carrying out demolishing operations using demolition plant or		4.1	Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements when demolishing structures up to 30 metres using demolition plant or machinery.	
	machinery.		4.2	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to demolishing structures up to 30 metres using demolition plant or machinery, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 	
		4.	4.3	Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.	
			4.4	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.	
5		tity and ources to carry	5.1	Request and select resources associated with own work in relation to consumables, materials, attachments, tools, accessories and/or ancillary equipment.	
	out demolishing operations using demolition plant or machinery.		5.2	 Describe the characteristics, quality, uses, sustainability limitations and defects associated with the resources in relation to: consumables, lubricants, fuels spill kits demolition plant, machinery or attachments hand tools, ancillary equipment and/or accessories. 	
			5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.	
		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			5.5	Describe any potential hazards associated with the resources and method of work.	
		5.6	Describe how to estimate weight, quantity, length and area associated with the method/procedure to operate plant or machinery to demolish structures and segregate, stockpile, remove and load materials.		

Tit	le:	Operating dem metres in the v	demolition plant or machinery to demolish structures up to 30 the workplace	
Learning outcomes The learner will be able to:			arner can:	
6	to the work and surrounding area when demolishing structures using demolition plant or		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
			6.2	Minimise damage and maintain a clean work space.
	machinery.		6.3	Dispose of waste in accordance with legislation.
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7	Complete the work within the allocated time when		7.1	Demonstrate completion of the work within the allocated time.
	demolishing structures using demolition plant or machinery.		7.2	 State the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.
8	Comply with t contract infor demolish stru 30 metres in h demolition pla machinery to	rmation to actures up to height using ant or	8.1	 Demonstrate the following work skills when demolishing structures up to 30 metres using demolition plant or machinery: adjusting, checking, communicating, manoeuvring, positioning, demolishing, segregating, stockpiling, removing and loading.
	machinery to the required specification.		8.2	Operate demolition plant or machinery to demolish structures up to 30 metres to given working instructions.
			8.3	Segregate, stockpile, remove and load materials to given working instructions.
			8.4	Safely use plant or machinery, hand tools, ancillary equipment and/or accessories.
			8.5	Shut down and secure the plant or machinery to given instructions.
			8.6	Safely store the materials, plant or machinery, tools and equipment used when demolishing structures up to 30 metres using demolition plant or machinery.

Title:	Operating den metres in the	emolition plant or machinery to demolish structures up to 30 e workplace	
Learning outcomes The learner will be able to:			sment criteria arner can:
8 Continued		8.7	 Describe how to apply safe work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the plant and machinery appropriate to the demolition and segregation operation carry out performance checks for the demolition and segregation operation identify the area to be demolished carry out pre-operational checks for obstructions, safety and security of the work and surrounding area check ground conditions to ensure the stability of plant or machinery during demolition activities avoid damage to surrounding structures and utilities demolish structures segregate and safely remove materials into stockpiles and/or containers.
		8.8	 Describe how to apply safe work practices, follow procedures, report problems and establish authority needed to rectify, to: shut down and secure plant or machinery fit and remove attachments using direct and quick-hitch type couplers use hand tools, ancillary equipment and accessories.
		8.9	Describe the needs of other occupations and how to effectively communicate within a team when preparing for and carrying out demolishing operations.
		8.10	Describe how to maintain the plant or machinery, tools and equipment used when demolishing structures up to 30 metres using demolition plant or machinery.

Title:	Operating demolition plant or machinery to demolish structures up to 30 metres in the workplace			
Additional inform	Additional information about this unit			
Assessment Guidance		This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry		
		experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.		
		Workplace evidence of skills cannot be simulated.		
Sector Subject Areas		05.2 Building and Construction		
Availability for use		Shared unit		
Unit credit value		55		
Unit guided learning hours		183		

Title:	Operating demolition plant or machinery to demolish structures up to 15 metres in the workplace		
Unit Number:	K/615/2366		
Learning outcome The learner will be o			sment criteria arner can:
1 Interpret the given information relating to the use of demolition plant or		1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information.
machinery wł demolishing s		1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
			 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and regulations governing the operation of plant or machinery.
2 Organise with sequence and	l operation in	2.1	Organise the work according to given information or instructions.
plant or mach	ing demolition inery are to	2.2	Describe how to communicate ideas between team members.
be carried ou	t.	2.3	Organise and communicate with team members and other associated occupations.
		2.4	State how to organise resources prior to and during demolition operations.
relevant legis official guidar out demolitio	relevant legislation and official guidance to carry out demolition operations using demolition plant or		 Describe their responsibilities under current legislation and official guidance whilst working: in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
			Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

	Operating demolition plant or machinery to demolish structures up to 15 metres in the workplace	
Learning outcomes The learner will be able to:	Assessment criteria The learner can:	
4 Maintain safe working practices when carrying out demolishing operations using demolition plant or machinery.	4.1 Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements when demolishing structures up to 15 metres using demolition plant or machinery.	
	 4.2 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to demolishing structures up to 15 metres using demolition plant or machinery, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 	
	4.3 Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.	
	4.4 State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.	
5 Request and select the required quantity and quality of resources to carry	5.1 Request and select resources associated with own work in relation to consumables, materials, attachments, tools, accessories and/or ancillary equipment.	
out demolishing operations using demolition plant or machinery.	 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: consumables, lubricants, fuels spill kits demolition plant, machinery or attachments hand tools, ancillary equipment and/or accessories. 	
	5.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.	
	5.4 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.	
	5.5 Describe any potential hazards associated with the resources and method of work.	
	5.6 Describe how to estimate weight, quantity, length and area associated with the method/procedure to operate plant or machinery to demolish structures and segregate, stockpile, remove and load materials.	

Tit	le:	Operating demolition plant or machinery to demolish structures up to 15 metres in the workplace		
Learning outcomes The learner will be able to:			sment criteria arner can:	
6	to the work and surrounding area when		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	demolishing s using demoliti		6.2	Minimise damage and maintain a clean work space.
	machinery.		6.3	Dispose of waste in accordance with legislation.
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7	Complete the the allocated	time when	7.1	Demonstrate completion of the work within the allocated time.
	demolishing s using demoliti machinery.		7.2	 State the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.
8	8 Comply with the given contract information to demolish structures up to 15 metres in height using demolition plant or machinery to the required		8.1	 Demonstrate the following work skills when demolishing structures up to 15 metres using demolition plant or machinery: adjusting, checking, communicating, manoeuvring, positioning, demolishing, segregating, stockpiling, removing and loading.
	specification.		8.2	Operate demolition plant or machinery to demolish structures up to 15 metres to given working instructions.
			8.3	Segregate, stockpile, remove and load materials to given working instructions.
			8.4	Safely use plant or machinery, hand tools, ancillary equipment and/or accessories.
			8.5	Shut down and secure the plant or machinery to given instructions.
			8.6	Safely store the materials, plant or machinery, tools and equipment used when demolishing structures up to 15 metres using demolition plant or machinery.

Title:	Operating demolition plant or machinery to demolish structures up to 15 metres in the workplace		
Learning outcomes The learner will be able to:			sment criteria arner can:
8 Continued		8.7	 Describe how to apply safe work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the plant and machinery appropriate to the demolition and segregation operation carry out performance checks for the demolition and segregation operation identify the area to be demolished carry out pre-operational checks for obstructions, safety and security of the work and surrounding area check ground conditions to ensure the stability of plant or machinery during demolition activities avoid damage to surrounding structures and utilities demolish structures segregate and safely remove materials into stockpiles and/or containers.
		8.8	 Describe how to apply safe work practices, follow procedures, report problems and establish authority needed to rectify, to: shut down and secure plant or machinery fit and remove attachments using direct and quick-hitch type couplers use hand tools, ancillary equipment and accessories.
		8.9	Describe the needs of other occupations and how to effectively communicate within a team when preparing for and carrying out demolishing operations.
		8.10	Describe how to maintain the plant or machinery, tools and equipment used when demolishing structures up to 15 metres using demolition plant or machinery.

Title:	Operating demolition plant or machinery to demolish structures up to 15 metres in the workplace			
Additional inform	Additional information about this unit			
Assessment Guidance		This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry		
		experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.		
		Workplace evidence of skills cannot be simulated.		
Sector Subject Areas		05.2 Building and Construction		
Availability for use		Shared unit		
Unit credit value		45		
Unit guided learning hours		150		

Title:	Operating demolition-adapted crawler cranes (demolition plant) to demolish structures in the workplace		
Unit Number:	M/615/2367	515/2367	
Learning outcome The learner will be o			arner can:
 Interpret the given information relating to the use of demolition crawler cranes when demolishing 		1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information.
structures.	uemonsning	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
			 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and regulations governing the operation of plant or machinery.
2 Organise with sequence and	l operation in	2.1	Organise the work according to given information or instructions.
crawler crane	ing demolition	2.2	Describe how to communicate ideas between team members.
carried out.		2.3	Organise and communicate with team members and other associated occupations.
		2.4	State how to organise resources prior to and during demolition operations.
relevant legis official guidar out demolitio	relevant legislation and official guidance to carry out demolition operations using demolition crawler		 Describe their responsibilities under current legislation and official guidance whilst working: in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
			Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Title:	Operating demolition-adapted crawler cranes (demolition plant) to demolish structures in the workplace		
Learning outcomes The learner will be able to:			sment criteria arner can:
4 Maintain safe working practices when carrying out demolishing operations using demolition crawler cranes.		4.1	Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements when demolishing structures using demolition crawler cranes.
		4.2	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to demolishing structures using demolition crawler cranes, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV).
			Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.
		4.4	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.
	ntity and ources to carry	5.1	Request and select resources associated with own work in relation to consumables, materials, attachments, tools, accessories and/or ancillary equipment.
	out demolishing operations using demolition crawler cranes.	5.2	 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: consumables, lubricants, fuels spill kits demolition plant, machinery or attachments hand tools, ancillary equipment and/or accessories.
		5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
			Describe any potential hazards associated with the resources and method of work.
		5.6	Describe how to estimate weight, quantity, length and area associated with the method/procedure to operate plant or machinery to demolish structures and segregate, stockpile, remove and load materials.

Titl	le:	Operating demolition-adapted crawler cranes (demolition plant) to demolish structures in the workplace			
Learning outcomes		Asses	Assessment criteria		
The	e learner will be a	ble to:	The le	arner can:	
6	to the work and surrounding area when		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
	demolishing st using demoliti		6.2	Minimise damage and maintain a clean work space.	
	cranes.		6.3	Dispose of waste in accordance with legislation.	
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.	
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.	
7	Complete the the allocated t	ime when	7.1	Demonstrate completion of the work within the allocated time.	
	demolishing structures using demolition crawler cranes.	7.2	 State the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 		
8	Comply with the given contract information to demolish structures using demolition crawler cranes to the required		8.1	 Demonstrate the following work skills when demolishing structures using demolition crawler cranes: adjusting, checking, communicating, manoeuvring, positioning, demolishing, segregating, stockpiling, removing and loading. 	
	specification.		8.2	Operate demolition-adapted crawler crane to demolish structures to given working instructions.	
			8.3	Segregate, stockpile, remove and load materials in the workplace to given working instructions.	
			8.4	Safely use plant or machinery, hand tools, ancillary equipment and/or accessories.	
			8.5	Shut down and secure the plant or machinery to given instructions.	
			8.6	Safely store the materials, plant or machinery, tools and equipment used when demolishing structures using demolition crawler cranes.	

Title:	Operating demolition-adapted crawler cranes (demolition plant) to demolish structures in the workplace		
Learning outcomes The learner will be able to:			sment criteria urner can:
8 Continued		8.7	 Describe how to apply safe work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the plant and machinery appropriate to the demolition and segregation operation carry out performance checks for the demolition and segregation operation identify the area to be demolished carry out pre-operational checks for obstructions, safety and security of the work and surrounding area check ground conditions to ensure the stability of plant or machinery during demolition activities avoid damage to surrounding structures and utilities demolish structures segregate and safely remove materials into stockpiles and/or containers.
		8.8	 Describe how to apply safe work practices, follow procedures, report problems and establish authority needed to rectify, to: shut down and secure plant or machinery fit and remove attachments using direct and quick-hitch type couplers use hand tools, ancillary equipment and accessories.
		8.9	Describe the needs of other occupations and how to effectively communicate within a team when preparing for and carrying out demolishing operations.
		8.10	Describe how to maintain the plant or machinery, tools and equipment used when demolishing structures using demolition crawler cranes.

Title:	Operating demolition-adapted crawler cranes (demolition plant) to demolish structures in the workplace			
Additional inform	Additional information about this unit			
Assessment Guidance		This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.		
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.		
		Workplace evidence of skills cannot be simulated.		
Sector Subject Areas		05.2 Building and Construction		
Availability for use		Shared unit		
Unit credit value		55		
Unit guided learning hours		183		

Title:	Operating remote and/or pedestrian-operated demolition plant to demolish structures in the workplace		
Unit Number:	T/615/2368		
Learning outcome The learner will be o			ssment criteria earner can:
1 Interpret the given information relating to the use of remotes and/or		1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information.
pedestrian-op demolition pl demolishing s	ant when	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
			 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, regulations governing the operation of plant or machinery.
2 Organise with sequence and	l operation in	2.1	Organise the work according to given information or instructions.
	ing remote trian operated	2.2	Describe how to communicate ideas between team members.
demolition pl carried out.	ant are to be	2.3	Organise and communicate with team members and other associated occupations.
		2.4	State how to organise resources prior to and during demolition operations.
relevant legis official guidar out demolitio using remote pedestrian-op	relevant legislation and official guidance to carry out demolition operations using remote and/or pedestrian-operated		 Describe their responsibilities under current legislation and official guidance whilst working: in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
demolition pl	demolition plant.	3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Tit	le:	Operating rem structures in t	note and/or pedestrian-operated demolition plant to demolish he workplace		
Lea	Learning outcomes		Assessment criteria		
The	e learner will be a	ble to:	The le	arner can:	
4	4 Maintain safe working practices when carrying out demolishing operations using remote and/or pedestrian-operated demolition plant.		4.1	Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements when demolishing structures using remote and/or pedestrian-operated demolition plant.	
			4.2	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to demolishing structures using remote and/or pedestrian-operated demolition plant, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 	
			4.3	Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.	
			4.4	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.	
5	Request and s required quan quality of reso		5.1	Request and select resources associated with own work in relation to consumables, materials, attachments, tools, accessories and/or ancillary equipment.	
	out demolishing operations using remote and/or pedestrian-operated demolition plant.	5.2	 Describe the characteristics, quality, uses, limitations and defects, and how they should be used correctly, associated with the resources relating to: consumables, lubricants, fuels spill kits demolition plant, machinery or attachments hand tools, ancillary equipment and/or accessories. 		
			5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.	
		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
		5.	5.5	Describe any potential hazards associated with the resources and method of work.	
		5.6	Describe how to estimate weight, quantity, length and area associated with the method/procedure to operate plant or machinery to demolish structures and segregate, stockpile, remove and load materials.		

Titl	le:		emote and/or pedestrian-operated demolition plant to demolish the workplace		
	Learning outcomes The learner will be able to:			arner can:	
6 Minimise the risk of damage to the work and surrounding area when		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.		
	demolishing s using remote	and/or	6.2	Minimise damage and maintain a clean work space.	
	pedestrian-op demolition pla		6.3	Dispose of waste in accordance with legislation.	
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.	
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.	
7	7 Complete the work within the allocated time when demolishing structures using remote and/or pedestrian-operated demolition plant.		7.1	Demonstrate completion of the work within the allocated time.	
			7.2	 State the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 	
8	8 Comply with the given contract information to demolish structures using remote and/or pedestrian- operated demolition plant		8.1	 Demonstrate the following work skills when demolishing structures using remote and/or pedestrian-operated demolition plant: adjusting, checking, communicating, manoeuvring, positioning, demolishing, segregating, stockpiling, removing and loading. 	
	to the require specification.	a	8.2	Operate remote and/or pedestrian-operated demolition plant to demolish structures to given working instructions.	
			8.3	Segregate, stockpile, remove and load materials to given working instructions.	
			8.4	Safely use plant or machinery, hand tools, ancillary equipment and/or accessories.	
		8	8.5	Shut down and secure the plant or machinery to given instructions.	
	-		8.6	Safely store the materials, plant or machinery, tools and equipment used when demolishing structures using remote and/or pedestrian-operated demolition plant.	

Title:	 rating remote and/or pedestrian-operated demolition plant to demolish ctures in the workplace		
Learning outcome The learner will be a		sment criteria arner can:	
8 Continued	8.7	 Describe how to apply safe work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the plant and machinery appropriate to the demolition and segregation operation carry out performance checks for the demolition and segregation operation identify the area to be demolished carry out pre-operational checks for obstructions, safety and security of the work and surrounding area check ground conditions to ensure the stability of plant or machinery during demolition activities avoid damage to surrounding structures and utilities demolish structures segregate and safely remove materials into stockpiles and/or containers. 	
	8.8	 Describe how to apply safe work practices, follow procedures, report problems and establish authority needed to rectify, to: shut down and secure plant or machinery fit and remove attachments using direct and quick-hitch type couplers use hand tools, ancillary equipment and accessories. 	
	8.9	Describe the needs of other occupations and how to effectively communicate within a team when preparing for and carrying out demolishing operations.	
	8.10	Describe how to maintain the plant or machinery, tools and equipment used when demolishing structures using remote and/or pedestrian-operated demolition plant.	

Title:	Operating remote and/or pedestrian-operated demolition plant to demolish structures in the workplace				
Additional inform	ation about this	unit			
Additional information about this is Assessment Guidance Sector Subject Areas Availability for use Unit credit value Unit guided learning hours		This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.			
		05.2 Building and Construction			
		Shared unit			
		38			
		150			

Title:	Operating demolition skid steer (demolition plant) to demolish structures in the workplace		
Unit Number: A/615/2369			
Learning outcome The learner will be o			sment criteria arner can:
1 Interpret the given information relating to the use of demolition skid steer		1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information.
when demolis structures.	siiiig	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and regulations governing the operation of plant or machinery.
2 Organise with sequence and which demoli	l operation in	2.1	Organise the work according to given information or instructions.
operations us skid steer are	ing demolition	2.2	Describe how to communicate ideas between team members.
out.		2.3	Organise and communicate with team members and other associated occupations.
		2.4	Describe how to organise resources prior to and during demolition operations.
3 Know how to comply with relevant legislation and official guidance to carry out demolition operations using demolition skid steer.		3.1	 Describe their responsibilities under current legislation and official guidance whilst working: in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
			Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Titl	le:	Operating demolition skid steer (demolition plant) to demolish structures in the workplace		
	Learning outcomes The learner will be able to:			s ment criteria arner can:
4	4 Maintain safe working practices when carrying out demolishing operations using demolition skid steer.		4.1	Use health and safety control equipment safely to carry out the activity in accordance with current legislation and organisational requirements when demolishing structures using demolition skid steer.
			4.2	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to demolishing structures using demolition skid steer, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV).
			4.3	Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.
			4.4	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.
5	5 Request and select the required quantity and quality of resources to carry out demolishing operations using demolition skid steer.	itity and ources to carry	5.1	Request and select resources associated with own work in relation to consumables, materials, attachments, tools, accessories and/or ancillary equipment.
		5.2	 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: consumables, lubricants, fuels spill kits demolition plant, machinery or attachments hand tools, ancillary equipment and/or accessories. 	
			5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
			5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
			5.5	Describe any potential hazards associated with the resources and method of work.
ProO			5.6	Describe how to estimate weight, quantity, length and area associated with the method/procedure to operate plant or machinery to demolish structures and segregate, stockpile, remove and load materials.

Titl	le:	Operating dem the workplace	nolitior	n skid steer (demolition plant) to demolish structures in
	Learning outcomes The learner will be able to:			arner can:
6	to the work and surrounding area when		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	demolishing st using demoliti		6.2	Minimise damage and maintain a clean work space.
			6.3	Dispose of waste in accordance with current legislation.
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7	the allocated time when	time when	7.1	Demonstrate completion of the work within the allocated time.
	demolishing structures using demolition skid steer.		7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.
8	8 Comply with the given contract information to demolish structures using demolition skid steer to the required specification.		8.1	 Demonstrate the following work skills when demolishing structures using demolition skid steer: adjusting, checking, communicating, manoeuvring, positioning, demolishing, segregating, stockpiling, removing and loading.
			8.2	Operate demolition skid steer to demolish structures to given working instructions.
			8.3	Segregate, stockpile, remove and load materials in the workplace to given working instructions.
			8.4	Shut down and secure the plant or machinery to given instructions.
			8.5	Safely use plant or machinery, hand tools, ancillary equipment and/or accessories
			8.6	Safely store the materials, plant or machinery, tools and equipment used when demolishing structures using demolition skid steer.

Title:	Operating dem the workplace	Operating demolition skid steer (demolition plant) to demolish structures in the workplace		
Learning outcome The learner will be a			ment criteria rner can:	
8 Continued		8.7	 Describe how to apply safe work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the plant and machinery appropriate to the demolition and segregation operation carry out performance checks for the demolition and segregation operation identify the area to be demolished carry out pre-operational checks for obstructions, safety and security of the work and surrounding area check ground conditions to ensure the stability of plant or machinery during demolition activities avoid damage to surrounding structures and utilities segregate and safely remove materials into stockpiles and/or containers. 	
		8.8	 Describe how to apply safe work practices, follow procedures, report problems and establish authority needed to rectify, to: shut down and secure plant or machinery fit and remove attachments using direct and quick-hitch type couplers use hand tools, ancillary equipment and accessories. Describe the needs of other occupations and how to effectively communicate within a team when preparing 	
		8.10	for and carrying out demolishing operations. Describe how to maintain the plant or machinery, tools and equipment used when demolishing structures using demolition skid steer.	

Title:	Operating demolition skid steer (demolition plant) to demolish structures in the workplace			
Additional inform	nation about this	unit		
Assessment Guidance Assessment Guidance Sector Subject Areas Availability for use		This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.		
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.		
		Workplace evidence of skills cannot be simulated.		
		05.2 Building and Construction		
		Shared unit		
Unit credit value		32		
Unit guided learning hours		107		

· · · ·		nd operating 180 degree excavators to extract and excavate ground naterials in the workplace
Unit Number: M/508/6571		L
Learning outcomes The learner will be able to	0:	Assessment criteria The learner can:
1 Interpret the giver information relatin preparation and us	ng to the se of 180	1.1 Interpret and extract relevant information from drawings, specifications, schedules, risk assessments and manufacturers' information.
degree excavators extracting and exc operations.		1.2 Comply with information and/or instructions derived from risk assessments and method statements.
		1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		 1.4 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, and current regulations governing the operation of 180 degree excavators for extraction and excavation work.
2 Organise with othe sequence and ope	ration in	2.1 Organise the work according to given information or instructions.
which extracting a excavating operati 180 degree excava	ions using	2.2 Describe how to communicate ideas between team members.
be carried out.		2.3 Organise and communicate with team members and other associated occupations.
		2.4 Describe how to organise resources prior to and during extracting and excavating operations using 180 degree excavators.
3 Know how to comply with relevant legislation and officia guidance when carrying out extracting and excavating operations using 180 degree excavators.		 3.1 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		3.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3 Explain what the accident reporting procedures are and who is responsible for making reports.

· · -		nd operating 180 degree excavators to extract and excavate ground aterials in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
4 Maintain safe and working practices preparing for and extracting and exce	when carrying out avating	4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during extracting and excavating operations.		
operations using 1 excavators.	80 degree	 4.2 Demonstrate compliance with given information and relevant legislation when carrying out extracting and excavating operations using 180 degree excavators in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment specific risks to health. 		
		 4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to 180 degree excavator use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
		4.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.		
		4.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
5 Request and select required quantity a of resources to pre	and quality epare for	5.1 Request and select resources associated with 180 degree excavators in relation to consumables, materials, attachments, tools, ancillary equipment and/or accessories.		
and carry out extra excavating operati 180 degree excava	ons using	 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and extraction/excavation aids hand tools, ancillary equipment and accessories. 		
		5.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.		

Title:Preparing and operating 180 degree excavators to extract and excavate gro and loose materials in the workplace				
	arning outcomes			ssment criteria
The	e learner will be able to	0:	The le	parner can:
5	5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
			5.5	Describe any potential hazards associated with the resources and methods of work.
			5.6	Describe how to identify weight, quantity, length and area associated with the method/procedures to carry out extracting and excavating operations using 180 degree excavators.
6	6 Minimise the risk of damage to the work and surrounding area when preparing to and extracting and excavating materials.		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
			6.2	Prevent damage and maintain a clean work space.
				Dispose of waste in accordance with current legislation.
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7	Complete the worl allocated time whe	en preparing	7.1	Demonstrate completion of the work within the allocated time.
	to and extracting and excavating materials.		7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.

		nd operating 180 degree excavators to extract and excavate ground naterials in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
8 Comply with the given contract information to extract materials using 180 degree excavators to the required specification.		 8.1 Demonstrate the following work skills when preparing for and extracting and excavating loose materials and ground using 180 degree excavators: checking, adjusting, communicating, manoeuvring, positioning, extracting, excavating, forming, removing and loading. 		
		8.2 Use and maintain hand tools, ancillary equipment and/or accessories.		
		 8.3 Prepare, position, set up and operate 180 degree excavators to given working instructions extract loose materials and/or different types of ground load and/or stockpile loose materials and ground excavate different types of ground. 		
		8.4 Shut down and secure 180 degree excavators.		
		 8.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the 180 degree excavator used for the extraction and excavation operation carry out function checks for the extraction and excavation operation prepare, set up and adjust for operational requirements identify the area to be extracted/excavated carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify geological, environmental and material changes and report check to avoid damage to structures and utilities service apparatus 		
		 8.6 - recognise and determine when specific skills and knowledge are required and report accordingly extract, excavate, remove and load materials safely and securely form stockpiles be on the public highway shut down and secure 180 degree excavator use hand tools, ancillary equipment and accessories. 		

Title:	Preparing and operating 180 degree excavators to extract and excavate ground and loose materials in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:	
8 Continued		8.7	Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out extracting and excavating operations.
		8.8	Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to extract and excavate materials.

Title:	Preparing and operating 180 degree excavators to extract and excavate ground and loose materials in the workplace			
Additional inform	ation about this unit			
Assessment Guida	InceThis unit must be assessed in a work environment and ir ConstructionSkills' Consolidated Assessment Strategy fo Built Environment.Assessors for this unit must have verifiable, current indu sufficient depth of relevant occupational expertise and k use a combination of assessment methods as defined in Assessment Strategy.Workplace evidence of skills cannot be simulated.This unit must be assessed against the endorsements de relevant NVQ Structure.ProQual Level 2 NVQ Diploma in Construction (Construct One of the following endorsements is required:Excavator 180 degree wheeled below 5 tonne Excavator 180 degree wheeled above 5 tonne	r Construction and the astry experience and a knowledge, and must the Consolidated		
Sector subject are	as 5.2 Building and Construction			
Availability for use	Shared unit			
Unit Credit value	80			
Unit guided learni hours	ng 266			

Title:	Preparing and operating wheeled loading shovels to extract loose materials in the workplace	
Unit Number: D/508/6498		
Learning outcomes The learner will be able t	o:	Assessment criteria The learner can:
1 Interpret the given information relating to the preparation and use of		1.1 Interpret and extract relevant information from drawings, specifications, schedules, risk assessments and manufacturers' information.
wheeled loading s extracting operation		1.2 Comply with information and/or instructions derived from risk assessments and method statements.
		1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		 1.4 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, and current regulations governing the operation of wheeled loading shovels for extraction work.
2 Organise with othe sequence and ope	ration in	2.1 Organise the work according to given information or instructions.
which extracting o using wheeled loa are to be carried o	ding shovels	2.2 Describe how to communicate ideas between team members.
		2.3 Organise and communicate with team members and other associated occupations.
		2.4 Describe how to organise resources prior to and during extracting operations using wheeled loading shovels.
3 Know how to com relevant legislation guidance when ca extracting operation wheeled loading s	n and official rrying out ons using	 3.1 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		3.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3 Explain what the accident reporting procedures are and who is responsible for making reports.

	Fitle: Preparing and operating wheeled loading shovels to extract loose materia the workplace	
Learning outcomes The learner will be able to:		essment criteria learner can:
4 Maintain safe and h working practices w preparing for and c extracting operation	vhen arrying out ns using	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during extracting operations.
wheeled loading sh	4.2	 Demonstrate compliance with given information and relevant legislation when carrying out extracting operations using wheeled loading shovels in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment specific risks to health.
	4.3	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to wheeled loading shovel use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV).
	4.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
	4.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
5 Request and select required quantity a of resources to prep	nd quality pare for	Request and select resources associated with wheeled loading shovels in relation to consumables, materials, attachments, tools, ancillary equipment and/or accessories.
and carry out extra operations using w loading shovels.	-	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: – consumables, lubricants and fuels – attachments and extraction aids – hand tools, ancillary equipment and accessories.
	5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.

Title: Preparing an the workplace		nd operating wheeled loading shovels to extract loose materials in ce				
	Learning outcomes			Assessment criteria		
The	e learner will be able to):	The le	earner can:		
5	5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			5.5	Describe any potential hazards associated with the resources and methods of work.		
			5.6	Describe how to identify weight, pressure, quantity, length and area associated with the method/procedures to carry out extracting operations using wheeled loading shovels.		
6	to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.		
	extracting materia	15.	6.2	Prevent damage and maintain a clean work space.		
			6.3	Dispose of waste in accordance with current legislation.		
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.		
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.		
7	Complete the worl allocated time whe	en preparing	7.1	Demonstrate completion of the work within the allocated time.		
	to and extracting materials.		7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 		

Title: Preparing and operating wheeled loading shovels to extract loose materiating the workplace	
Learning outcomes The learner will be able to:	Assessment criteria The learner can:
8 Comply with the given contract information to extract materials using wheeled loading shovels	
the required specification	8.2 Use and maintain hand tools, ancillary equipment and/or accessories.
	 8.3 Prepare, position, set up and operate wheeled loading shovels to given working instructions to: extract loose materials load and/or stockpile loose materials.
	8.4 Shut down and secure wheeled loading shovels.
	 8.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the wheeled loading shovel used for the extraction operation carry out function checks for the extraction operation prepare, set up and adjust for operational requirements identify the area to be extracted carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify geological, environmental and material changes and report
	 8.6 check to avoid damage to structures and utilities service apparatus recognise and determine when specific skills and knowledge are required and report accordingly extract, remove and load materials safely and securely form stockpiles be on the public highway shut down and secure the wheeled loading shovel use hand tools, ancillary equipment and accessories.
	8.7 Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out extracting operations.
	8.8 Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to extract materials.

Title:	Preparing and operating wheeled loading shovels to extract loose materials in the workplace		
Additional inform	ation about this	unit	
Assessment Guidance		This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.	
Sector subject areas		5.2 Building and Construction	
Availability for use		Shared unit	
Unit Credit value		26	
Unit guided learning hours		87	

Title:	Preparing and operating tracked loading shovels to extract ground and loose materials in the workplace				
Unit Number:	T/508/6572				
Learning outcomes The learner will be able to	o:		arner can:		
1 Interpret the given information relating to the preparation and use of tracked		1.1	Interpret and extract relevant information from drawings, specifications, schedules, risk assessments and manufacturers' information.		
loading shovels for operations.	rextracting	1.2	Comply with information and/or instructions derived from risk assessments and method statements.		
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.		
			 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, and current regulations governing the operation of tracked loading shovels for extraction work. 		
2 Organise with othe sequence and ope	ration in	2.1	Organise the work according to given information or instructions.		
which extracting o using tracked load are to be carried o	ing shovels	2.2	Describe how to communicate ideas between team members.		
		2.3	Organise and communicate with team members and other associated occupations.		
		2.4	Describe how to organise resources prior to and during extracting operations using tracked loading shovels.		
3 Know how to comply with relevant legislation and official guidance when carrying out extracting operations using tracked loading shovels.		3.1	 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. 		
		3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.		
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.		

		paring and operating tracked loading shovels to extract ground and loose rerials in the workplace	
Learning outcomes The learner will be able to:		essment criteria learner can:	
4 Maintain safe and h working practices w preparing for and ca extracting operation	/hen arrying out ns using	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during extracting operations.	
tracked loading sho	4.2	 Demonstrate compliance with given information and relevant legislation when carrying out extracting operations using tracked loading shovels in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment specific risks to health. 	
	4.3	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to tracked loading shovel use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 	
	4.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.	
	4.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.	
5 Request and select required quantity a of resources to prep	nd quality pare for	Request and select resources associated with tracked loading shovels in relation to consumables, materials, attachments, tools, ancillary equipment and/or accessories.	
and carry out extraction operations using track loading shovels.	-	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: – consumables, lubricants and fuels – attachments and extraction aids – hand tools, ancillary equipment and accessories.	
	5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.	

Tit	Title: Preparing and operating tracked loading shovels to extract ground and loc materials in the workplace					
	Learning outcomes			Assessment criteria		
The	e learner will be able to	D:	The le	arner can:		
5	5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			5.5	Describe any potential hazards associated with the resources and methods of work.		
			5.6	Describe how to identify weight, pressure, quantity, length and area associated with the method/procedures to carry out extracting operations using tracked loading shovels.		
6	to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.		
	extracting materia	15.	6.2	Prevent damage and maintain a clean work space.		
			6.3	Dispose of waste in accordance with current legislation.		
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.		
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.		
7	Complete the worl allocated time whe	en preparing	7.1	Demonstrate completion of the work within the allocated time.		
	to and extracting materials.		7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 		

Tit	le:		and operating tracked loading shovels to extract ground and loose n the workplace		
Learning outcomes The learner will be able to:		o:	Assessment criteria The learner can:		
8 Comply with the given contract information to extract materials using tracked loading shovels to the required specification.		on to Ising tracked the	8.1	 Demonstrate the following work skills when preparing for and extracting loose materials and ground using tracked loading shovels: checking, adjusting, communicating, manoeuvring, positioning, extracting, forming, removing and loading. 	
			8.2	Use and maintain hand tools, ancillary equipment and/or accessories.	
			8.3	 Prepare, position, set up and operate tracked loading shovels to given working instructions extract ground, face and/or loose materials load and/or stockpile loose materials. 	
			8.4	Shut down and secure tracked loading shovels.	
			8.5	 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the tracked loading shovel used for the extraction operation carry out function checks for the extraction operation prepare, set up and adjust for operational requirements identify the area to be extracted carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify geological, environmental and material changes and report 	
			8.6	 check to avoid damage to structures and utilities service apparatus recognise and determine when specific skills and knowledge are required and report accordingly extract, remove and load materials safely and securely form stockpiles be on the public highway shut down and secure the tracked loading shovel use hand tools, ancillary equipment and accessories. 	
			8.7	Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out extracting operations.	
			8.8	Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to extract materials.	

Title:	Preparing and operating tracked loading shovels to extract ground and loose materials in the workplace	
Additional inform	ation about this	unit
Assessment Guida	ance	This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.
Sector subject are	as	5.2 Building and Construction
Availability for use		Shared unit
Unit Credit value		80
Unit guided learning hours		266

Title:	Preparing and operating skid steer loaders to extract loose materials in the workplace			
Unit Number: H/508/6499				
Learning outcomes The learner will be able t	0:	Assessment criteria The learner can:		
1 Interpret the given information relating to the preparation and use of skid		1.1 Interpret and extract relevant information from drawings, specifications, schedules, risk assessments and manufacturers' information.		
steer loaders for e operations.	xtracting	1.2 Comply with information and/or instructions derived from risk assessments and method statements.		
		1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.		
		 1.4 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, and current regulations governing the operation of skid steer loaders for extraction work. 		
2 Organise with othe sequence and ope	ration in	2.1 Organise the work according to given information or instructions.		
which extracting o using skid steer loa be carried out.	•	2.2 Describe how to communicate ideas between team members.		
		2.3 Organise and communicate with team members and other associated occupations.		
		2.4 Describe how to organise resources prior to and during extracting operations using skid steer loaders.		
3 Know how to comply with relevant legislation and official guidance when carrying out extracting operations using skid steer loaders.		 3.1 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. 		
		3.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.		
		3.3 Explain what the accident reporting procedures are and who is responsible for making reports.		

Title:	Preparing and operating skid steer loaders to extract loose materials in the workplace			
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
4 Maintain safe and healthy working practices when preparing for and carrying out extracting operations using		4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during extracting operations.		
skid steer loaders.		 4.2 Demonstrate compliance with given information and relevant legislation when carrying out extracting operations using skid steer loaders in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment specific risks to health. 		
		 4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to skid steer loader use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
		4.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.		
		4.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
required quantity of resources to pr	Request and select the required quantity and quality of resources to prepare for	5.1 Request and select resources associated with skid steer loaders in relation to consumables, materials, attachments, tools, ancillary equipment and/or accessories.		
and carry out extracting operations using skid steer loaders.	 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and extraction aids hand tools, ancillary equipment and accessories. 			
		5.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.		

Tit	le:	Preparing and operating skid steer loaders to extract loose materials in the workplace				
	Learning outcomes			Assessment criteria		
The	e learner will be able to):	The le	arner can:		
5	5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			5.5	Describe any potential hazards associated with the resources and methods of work.		
			5.6	Describe how to identify weight, quantity, length and area associated with the method/procedures to carry out extracting operations using skid steer loaders.		
6	to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.		
	extracting materia	15.	6.2	Prevent damage and maintain a clean work space.		
			6.3	Dispose of waste in accordance with current legislation.		
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.		
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.		
7	7 Complete the work within the allocated time when preparing to and extracting materials.		7.1	Demonstrate completion of the work within the allocated time.		
			7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 		

Title:	Preparing and operating skid steer loaders to extract loose materials in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:	
8 Comply with the given contract information to extract materials using skid steer loaders to the required		 Demonstrate the following work skills when preparing for and extracting loose materials using skid steer loaders: checking, adjusting, communicating, manoeuvring, positioning, extracting, forming, removing and loading. 	
specification.	8	.2 Use and maintain hand tools, ancillary equipment and/or accessories.	
	8	 .3 Prepare, position, set up and operate skid steer loaders to given working instructions extract loose materials load and/or stockpile loose materials. 	
	8	.4 Shut down and secure skid steer loaders.	
	8	 .5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the skid steer loader used for the extraction operation carry out function checks for the extraction operation prepare, set up and adjust for operational requirements identify the area to be extracted carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify geological, environmental and material changes and report 	
	8	 - check to avoid damage to structures and utilities service apparatus - recognise and determine when specific skills and knowledge are required and report accordingly - extract, remove and load materials safely and securely - form stockpiles - be on the public highway - shut down and secure the skid steer loader - use hand tools, ancillary equipment and accessories. 	
	8	.7 Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out extracting operations.	
		.8 Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to extract materials.	

Title:	Preparing and operating skid steer loaders to extract loose materials in the workplace		
Additional in	formation about this	unit	
Assessment Guidance		This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.	
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.	
		Workplace evidence of skills cannot be simulated.	
Sector subject	t areas	5.2 Building and Construction	
Availability for use		Shared unit	
Unit Credit value		20	
Unit guided learning hours		67	

Title:	Preparing and operating 360 degree excavators to extract ground, face and/or loose materials in the workplace		
Unit Number:	J/508/6575		
Learning outcomes The learner will be able t	o:		sment criteria arner can:
1 Interpret the given information relating to the preparation and use of 360		1.1	Interpret and extract relevant information from drawings, specifications, schedules, risk assessments and manufacturers' information.
degree excavators extracting operation		1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	·	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, and current regulations governing the operation of 360 degree excavators for extraction work.
2 Organise with othe sequence and ope	ration in	2.1	Organise the work according to given information or instructions.
which extracting o using 360 degree e are to be carried o	excavators	2.2	Describe how to communicate ideas between team members.
		2.3	Organise and communicate with team members and other associated occupations.
		2.4	Describe how to organise resources prior to and during extracting operations using 360 degree excavators.
relevant legislation guidance when ca extracting operation	3 Know how to comply with relevant legislation and official guidance when carrying out extracting operations using 360 degree excavators.		 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Title:	Preparing and operating 360 degree excavators to extract ground, face and/or loose materials in the workplace			
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
4 Maintain safe and healthy working practices when preparing for and carrying out extracting operations using		4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during extracting operations.		
360 degree excava	tors.	 4.2 Demonstrate compliance with given information and relevant legislation when carrying out extracting operations using 360 degree excavators in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment specific risks to health. 		
		 4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to 360 degree excavators use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
		4.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.		
		4.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
required quantity a of resources to pre	Request and select the required quantity and quality of resources to prepare for	5.1 Request and select resources associated with 360 degree excavators in relation to consumables, materials, attachments, tools, ancillary equipment and/or accessories.		
and carry out extracting operations using 360 degree excavators.	 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and extraction aids hand tools, ancillary equipment and accessories. 			
		5.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.		

Tit	le:	Preparing and operating 360 degree excavators to extract ground, face and/or loose materials in the workplace				
	Learning outcomes			Assessment criteria		
The	e learner will be able to	o:	The le	arner can:		
5	5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			5.5	Describe any potential hazards associated with the resources and methods of work.		
			5.6	Describe how to identify weight, quantity, length and area associated with the method/procedures to carry out extracting operations using 360 degree excavators.		
6	to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.		
	extracting materia	15.	6.2	Prevent damage and maintain a clean work space.		
			6.3	Dispose of waste in accordance with current legislation.		
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.		
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.		
7	7 Complete the work within the allocated time when preparing to and extracting materials.		7.1	Demonstrate completion of the work within the allocated time.		
			7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 		

Tit	le:	Preparing and operating 360 degree excavators to extract ground, face and/or loose materials in the workplace			
Lea	Learning outcomes		Assessment criteria		
The	e learner will be able to	o: Ti	he learner can:		
8	8 Comply with the given contract information to extract materials using 360 degree excavators to the required specification.		 Demonstrate the following work skills when preparing for and extracting ground and/or loose materials using 360 degree excavators: checking, adjusting, communicating, manoeuvring, positioning, extracting, forming, removing and loading. 		
		8	.2 Use and maintain hand tools, ancillary equipment and/or accessories.		
		8	 Prepare, position, set up and operate 360 degree excavators to given working instructions extract from a face, loose materials and/or ground load and/or stockpile extracted loose materials. 		
		8	.4 Shut down and secure 360 degree excavators.		
			 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the 360 degree excavator used for the extraction operation carry out function checks for the extraction operation prepare, set up and adjust for operational requirements identify the area to be extracted carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify geological, environmental and material changes and report check to avoid damage to structures and utilities service apparatus 6 recognise and determine when specific skills and knowledge are required and report accordingly extract, remove and load materials and commodities safely and securely form stockpiles be on the public highway 		
			 be on the public highway shut down and secure the 360 degree excavator use hand tools, ancillary equipment and accessories. 		
			.7 Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out extracting operations.		
		8	.8 Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to extract materials.		

Title:	Preparing and operating 360 degree excavators to extract ground, face and/or loose materials in the workplace		
Additional inform	nation abo	out this unit	
Assessment Guida	ance	This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.	
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.	
		Workplace evidence of skills cannot be simulated.	
		This unit must be assessed against the endorsements detailed within the relevant NVQ Structure.	
		ProQual Level 2 NVQ Diploma in Demolition (Construction):	
		One of the following endorsements required:	
		Excavator 360 degree below 10 tonne tracked Excavator 360 degree below 10 tonne wheeled Excavator 360 degree above 10 tonne tracked Excavator 360 degree above 10 tonne wheeled	
Sector subject areas		5.2 Building and Construction	
Availability for use	9	Shared unit	
Unit Credit value		80	
Unit guided learning hours		266	

Title:	Preparing and operating 360 degree excavators to remove and process loose waste-type materials in the workplace			
Unit Number:	M/615/2370			
Learning outcomes The learner will be able t	o:	Assessment criteria The learner can:		
1 Interpret the given information relating to the preparation and use of 360 degree excavators to carry out		1.1 Interpret and extract relevant information from drawings, specifications, schedules, risk assessments and manufacturers' information.		
waste-type materi processing operati	al	1.2 Comply with information and/or instructions derived from risk assessments and method statements.		
		1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.		
		 1.4 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, and current regulations governing the operation of 360 degree excavators for material removal and processing operations. 		
2 Organise with othe sequence and ope	ration in	2.1 Organise the work according to given information or instructions.		
which material pro operations using 3 excavators are to l	60 degree	2.2 Describe how to communicate ideas between team members.		
out.		2.3 Organise and communicate with team members and other associated occupations.		
		2.4 Describe how to organise resources prior to and during material processing operations using 360 degree excavators.		
3 Know how to com relevant legislation guidance to carry o processing operati 360 degree excava	n and official out material ions using	 3.1 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. 		
		3.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.		
		3.3 Explain what the accident reporting procedures are and who is responsible for making reports.		

Title:		nd operating 360 degree excavators to remove and process loose materials in the workplace		
Learning outcomes The learner will be able to:			sment criteria arner can:	
4 Maintain safe and healthy working practices when preparing for and carrying out material processing operations		4.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during waste-type material processing operations.	
using 360 degree e	xcavators.	4.2	 Demonstrate compliance with given information and relevant legislation when carrying out material processing operations using 360 degree excavators in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment specific risks to health. 	
		4.3	 Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to 360 degree excavator use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 	
		4.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.	
		4.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.	
5 Request and select the required quantity and quality of resources to prepare for		5.1	Request and select resources associated with 360 degree excavators in relation to consumables, materials, attachments, tools, ancillary equipment and/or accessories.	
and carry out mate processing operation 360 degree excava	ons using	5.2	 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and material processing aids hand tools, ancillary equipment and/or accessories. 	
		5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.	

Tit	le:		Preparing and operating 360 degree excavators to remove and process loose waste-type materials in the workplace		
	arning outcomes e learner will be able to	o:	Assessment criteria The learner can:		
5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			5.5	Describe any potential hazards associated with the resources and methods of work.	
			5.6	Describe how to identify weight, quantity, length and area associated with the method/procedures to carry out waste- type material processing operations using 360 degree excavators.	
6	to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
	processing materia degree excavators	-	6.2	Prevent damage and maintain a clean work space.	
			6.3	Dispose of waste in accordance with current legislation.	
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.	
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.	
7	allocated time when preparing	7.1	Demonstrate completion of the work within the allocated time.		
	to and removing al processing materia degree excavators	g materials using 360	7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 	

Title:		nd operating 360 degree excavators to remove and process loose materials in the workplace		
Learning outcomes <i>The learner will be able to:</i>		Assessment criteria The learner can:		
 8 Comply with the given contract information to remove and process loose waste-type materials using 360 degree excavators to the required specification. 		 8.1 Demonstrate the following work skills when preparing for and removing and processing loose waste-type materials using 360 degree excavators: fitting, attaching, setting up, securing, checking, adjusting, removing, communicating, manoeuvring, positioning, sorting, grading, stockpiling and loading. 		
		8.2 Use and maintain hand tools, ancillary equipment and/or accessories.		
		 8.3 Prepare, position, set up and operate 360 degree excavators to given working instructions remove and process loose, waste-type materials load and/or stockpile materials. 		
		8.4 Shut down and secure 360 degree excavators.		
		 8.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the 360 degree excavators used for the removing and processing operation carry out function checks for the removing and processing operation prepare, set up and adjust for operational requirements identify the area for work activities carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify geological, environmental and material changes and report 8.6 check to avoid damage to structures and utilities service apparatus recognise and determine when specific skills and knowledge are required and report accordingly remove, sort and load loose materials safely and securely form stockpiles 		
		 be on the public highway shut down and secure 360 degree excavators use hand tools, ancillary equipment and accessories. 		

Title:	Preparing and operating 360 degree excavators to remove and process loose waste-type materials in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:	
8 Continued		8.7	Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out material processing operations.
		8.8	Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to process waste-type materials.

Title:	Preparing and operating 360 degree excavators to remove and process loose waste-type materials in the workplace				
Additional inform	ation about this	unit			
Assessment Guida	ance	This unit must be assessed in a work environment and in accordance the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.			
Sector subject are	as	5.2 Building and Construction			
Availability for use		Shared unit			
Unit credit value		40			
Unit guided learni	ng hours	130			

Title:	Demolishing/d	ismant	ling timber-framed structures in the workplace
Unit Number: T/615/2371			
Learning outcom The learner will be			ssment criteria earner can:
 Interpret the given information relating to the work and resources when 		1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements and risk assessments.
demolishing/ timber-frame	-	1.2	Comply with information and/or instructions derived from risk assessments and method statement.
		1.3	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
			 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, site inductions, tool-box talks, statutory regulations and official guidance relating to segregation and recycling or disposal of waste.
relevant legis official guida demolishing/	2 Know how to comply with relevant legislation and official guidance when demolishing/dismantling timber-framed structures.		 Describe their responsibilities under current legislation and official guidance whilst working: in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
			Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
			State the types of fire extinguishers available when demolishing/dismantling timber-framed structures and describe how and when they are used.
practices whe demolishing/	 Maintain safe working practices when demolishing/dismantling timber-framed structures. 		Use health and safety control equipment and access equipment safely to carry out the activity in accordance with legislation and organisational requirements when demolishing/dismantling timber- framed structures.
		3.2	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to demolishing/dismantling timber-framed structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV).

Tit	le:	Demolishing/dismantling timber-framed structures in the workplace				
	Learning outcomes			Assessment criteria		
The	e learner will be ab	le to:	The le	arner can:		
3	Continued		3.3	Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.		
			3.4	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.		
4	Select the requ and quality of r the methods of	esources for work to	4.1	Select resources associated with own work in relation to demolition tools and equipment and waste and/or recycling containers.		
	demolish/dismantle timber- framed structures.		4.2	 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: demolition tools and equipment waste/recycling containers. 		
			4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.		
			4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			4.5	Describe any potential hazards associated with the resources and method of work.		
5	Minimise the ri to the work and area when dem	d surrounding olishing/	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.		
	dismantling tim structures.	iber-framed	5.2	Minimise damage and maintain a clean work space.		
			5.3	Dispose of waste in accordance with legislation.		
			5.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.		
			5.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, statutory regulations and official guidance relating to segregation and recycling procedures.		

Tit	le:	Demolishing/dismantling timber-framed structures in the workplace		
	Learning outcomes The learner will be able to:			asment criteria
6	6 Complete the work within the allocated time when demolishing/dismantling timber-framed structures.		6.1	Demonstrate completion of the work within the allocated time.
			6.2	 State the purpose of the work programme and explain why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with th contract inforr demolish/dism framed structu	nation to nantle timber- ures to the	7.1	Demonstrate the following work skills when demolishing/ dismantling timber-framed structures: – releasing, handling, lowering, segregating and loading.
	required specification.		7.2	Demolish and/or dismantle and segregate the following to given working instructions: – timber-framed structures – roof components.
			7.3	Safely segregate materials.
			7.4	Safely use demolition tools and equipment.
			7.5	Safely store the materials, tools and equipment used when demolishing/dismantling timber-framed structures.
			7.6	 Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them, to: erect barriers and warning notices identify and report hazards demolish and/or dismantle: timber-framed structures and roof components segregate components for recycling or disposal use demolition tools and equipment work at height use access equipment.
			7.7	Describe the needs of other occupations and how to effectively communicate within a team when demolishing/ dismantling timber-framed structures.
			7.8	Describe how to check and maintain the tools and equipment used to demolish/dismantle timber-framed structures.

Title:	Demolishing/dismantling timber-framed structures in the workplace				
Additional inform	nation about this	unit			
Assessment Guidance		This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.			
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.			
		Workplace evidence of skills cannot be simulated.			
Sector Subject Area Availability for use		05.2 Building and Construction			
		Shared unit			
Unit credit value		12			
Unit guided learni	ing hours	40			

Titl	e:	Demolishing/di	ismant	ling steel-framed structures in the workplace
Uni	Unit Number: A/615/2372			
	Learning outcomes The learner will be able to:			ssment criteria Parner can:
1	1 Interpret the given information relating to the work and resources when		1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements and risk assessments.
	demolishing/d steel-framed s	-	1.2	Comply with information and/or instructions derived from risk assessments and method statement.
			1.3	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
			1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, site inductions, tool-box talks, statutory regulations and official guidance relating to segregation and recycling or disposal of waste.
2	2 Know how to comply with relevant legislation and official guidance when demolishing/dismantling steel-framed structures.		2.1	 Describe their responsibilities under current legislation and official guidance whilst working: in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
			2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
			2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
			2.4	State the types of fire extinguishers available when demolishing/dismantling steel-framed structures and describe how and when they are used.
3	3 Maintain safe working practices when demolishing/dismantling steel-framed structures.		3.1	Use health and safety control equipment and access equipment safely to carry out the activity in accordance with legislation and organisational requirements when demolishing/dismantling steel- framed structures.
			3.2	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to demolishing/dismantling steel-framed structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV).

Title: Demolishing/dis		ismant	ling steel-framed structures in the workplace		
	Learning outcomes The learner will be able to:			Assessment criteria The learner can:	
3	Continued		3.3	Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.	
			3.4	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.	
4	Select the requ and quality of r the methods of	esources for f work to	4.1	Select resources associated with own work in relation to demolition tools and equipment and waste and/or recycling containers.	
	demolish/dism framed structu		4.2	 Describe the characteristics, quality, uses, limitations and defects associated with the resources in relation to: demolition tools and equipment hot cutting equipment waste/recycling containers. 	
			4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.	
			4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.	
			4.5	Describe any potential hazards associated with the resources and method of work.	
5	5 Minimise the risk of damage to the work and surrounding area when demolishing/	d surrounding nolishing/	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
	dismantling ste structures.	el-framed	5.2	Minimise damage and maintain a clean work space.	
			5.3	Dispose of waste in accordance with legislation.	
			5.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.	
			5.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, statutory regulations and official guidance relating to segregation and recycling procedures.	

Title:	Demolishing/dismantling steel-framed structures in the workplace		ling steel-framed structures in the workplace		
Learning outcomes The learner will be able to:			Assessment criteria The learner can:		
6 Complete the the allocated	work within time when	6.1	Demonstrate completion of the work within the allocated time.		
demolishing/c steel-framed s	-	6.2	 State the purpose of the work programme and explain why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 		
7 Comply with t contract infor demolish/disn framed struct required spec	mation to nantle steel- ures, to the	7.1	 Demonstrate the following work skills when demolishing/ dismantling steel-framed structures: releasing, cutting, hot cutting, separating and segregating. 		
required spec		7.2	Demolish and/or dismantle and segregate steel-framed structures and components to given working instructions.		
		7.3	Safely segregate materials.		
		7.4	Safely use demolition tools and equipment and hot cutting equipment.		
		7.5	Safely store the materials, tools and equipment used when demolishing/dismantling steel-framed structures.		
		7.6	 Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them, to: erect barriers and warning notices identify and report hazards use hot cutting equipment to form drop cuts, sit cuts, holding cuts and hinge cuts demolish/dismantle steel-framed structures and components segregate steel-framed structure components and/or arisings for recycling or disposal use demolition tools, equipment and hot cutting equipment work at height use access equipment. 		
		7.7	Describe the needs of other occupations and how to effectively communicate within a team when demolishing/ dismantling steel-framed structures.		
		7.8	Describe how to check and maintain the tools and equipment used to demolish/dismantle steel-framed structures.		

Title:	Demolishing/dismantling steel-framed structures in the workplace			
Additional information about this unit				
Assessment Guidance		This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.		
		Workplace evidence of skills cannot be simulated.		
Sector Subject Area		05.2 Building and Construction		
Availability for use		Shared unit		
Credit value		16		
Unit guided learning hours		53		

Title:	Erecting and d	lisman	tling access/working platforms in the workplace	
Unit Number:	A/615/1609			
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
 Interpret the given information relating to the work and resources when erecting and dismantling access/working platforms. 		1.1 Interpret and extract information from specifications, method statements, risk assessments and manufacturers' information.		
		1.2	Comply with information and/or instructions derived from risk assessments and method statement.	
		1.3	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.	
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: specifications, current legislation, method statements, risk assessments and manufacturers' information. 	
2 Know how to comply with relevant legislation and official guidance when erecting and dismantling access/working platforms.		2.1	 Describe their responsibilities under current legislation and official guidance whilst working: in the workplace, at height, in confined areas, with tools and equipment, with movement/storage of materials and by manual handling. 	
		2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.	
		2.3	State what the accident reporting procedures are and who is responsible for making reports.	
	working n erecting and ccess/working	3.1	Use personal protective equipment (PPE) and access equipment safely to carry out the activity in accordance with legislation and organisational requirements when erecting and dismantling access/working platforms.	
		3.2	Explain why, when and how personal protective equipment (PPE) should be used, relating to erecting and dismantling access/working platforms, and the types, purpose and limitations of each type.	
		3.3	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.	

Tit	le:	Erecting and disma		tling access/working platforms in the workplace		
	arning outcome		Asses	ssment criteria		
The	The learner will be able to:		The le	The learner can:		
4	4 Select the required quantity and quality of resources for the methods of work to erect and dismantle access/working platforms.		4.1	 Describe the characteristics, quality, uses, limitations and defects associated with the resources in relation to: ladders/crawler boards stepladders/platform steps trestles proprietary staging/podiums proprietary towers mobile scaffold towers protection equipment and notices tools and ancillary equipment. 		
			4.2	Select resources associated with own work in relation to materials, components, tools and equipment.		
			4.3	State how the resources should be used correctly, how problems associated with the resources are reported and how the organisational procedures are used.		
			4.4	Outline potential hazards associated with the resources and method of work.		
			4.5	Describe how to calculate quantity of equipment required associated with the method/procedure to erect and dismantle access equipment/working platforms.		
5	Minimise the r to the work ar	-	5.1	Protect the work and its surrounding area from damage.		
	surrounding a	rea when	5.2	Minimise damage and maintain a clean work space.		
	erecting and dismantling access/working platforms.	-	5.3	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.		
			5.4	Dispose of waste in accordance with legislation.		
			5.5	State why the disposal of waste should be carried out in relation to the work.		
6	the allocated time w	ime when	6.1	Demonstrate completion of the work within the allocated time.		
	erecting and dismantling access/working platforms.		6.2	 State the purpose of the work programme and explain why deadlines should be kept in relation to: organisational procedures for reporting circumstances which will affect the work programme. 		

Title: Erect	ing and disman	tling access/working platforms in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
7 Comply with the given contract information to erect and dismantle access/ working platforms to the		 Demonstrate the following work skills when erecting and dismantling access/working platforms: moving, positioning/erecting, securing, checking, dismantling and removing. 		
required specification	7.2	 Erect, dismantle and store two of the following access equipment to given access regulations: ladders/crawler boards stepladders/platform steps proprietary towers trestle platforms mobile scaffold towers proprietary staging/podiums. 		
	7.3	 Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them, to: provide protection to the work area establish a base for equipment erect proprietary access equipment to manufacturer's instructions suitable for the work erect non-proprietary access equipment suitable for the work place protective screens and notices check/monitor equipment during the period of use dismantle and store access equipment use tools and equipment work at height. 		
	7.4	Safely use and store materials, hand tools and ancillary equipment.		
	7.5	State the needs of other occupations and how to communicate within a team when erecting and dismantling access/working platforms.		
	7.6	Describe how to maintain the tools and equipment used when erecting and dismantling access/working platforms.		

Title:	Erecting and dismantling access/working platforms in the workplace				
Additional information about this unit					
Assessment Guida	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.				
	Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.				
	Workplace evidence of skills cannot be simulated.				
	This unit must be assessed against the endorsements detailed within the relevant NVQ Structure.				
	ProQual Level 2 NVQ Diploma in Demolition (Construction):				
	The following endorsement required (i.e. own area of work):				
	Demolition				
	Plus two or more of the following endorsements required:				
	Ladders/crawler boards Step ladders/platform steps Proprietary towers				
	Trestle platforms				
	Mobile scaffold towers				
	Proprietary staging/podiums				
Sector Subject Are	eas 5.2 Building and Construction				
Availability for use	e Shared unit				
Credit value	8				
Unit guided learni hours	ing 27				

Title:	•••	nd operating powered units, tools or pedestrian plant, machinery or in the workplace	
Unit Number: A/508/6587			
Learning outcomes The learner will be able t	o:		sment criteria arner can:
1 Interpret the giver information relatin preparation and u	ng to the se of	1.1	Interpret and extract relevant information from drawings, specifications, schedules, risk assessments, operating instructions and manufacturers' information.
powered units, too pedestrian plant, r equipment.		1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, legislation, Codes of Practice, manufacturers' information and operating instructions.
relevant legislation guidance to prepa powered units, too	relevant legislation and official guidance to prepare and use powered units, tools or pedestrian plant, machinery or		 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		2.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Tit	le:	Preparing and operating powered units, tools or pedestrian plant, machinery of equipment in the workplace		
Learning outcomes The learner will be able to:			sment criteria arner can:	
3	3 Maintain safe and healthy working practices when preparing for and using powered units, tools or pedestrian plant, machinery or		3.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements when using powered units, tools or pedestrian plant, machinery or equipment
	equipment.		3.2	 Demonstrate compliance with given information and relevant legislation when using powered units, tools or pedestrian plant, machinery or equipment in relation to two or more of the following: safe use of access equipment safe handling of materials safe use and storage of materials, tools and equipment specific risks to health.
			3.3	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to powered units, tools or pedestrian plant, machinery or equipment use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV).
		3.4	3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
			3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
4	and quality of resour	sources to	4.1	Select resources associated with the type of work in relation to fuel/power source, lubricants and consumables.
	prepare for and su powered units, too pedestrian plant, r equipment.	ols or	4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: – power source/fuels – consumables, lubricants.

Tit			d operating powered units, tools or pedestrian plant, machinery or n the workplace			
	Learning outcomes			Assessment criteria		
4	e learner will be able to Continued).	4.3	arner can: Describe how the resources should be used correctly and how problems associated with the resources are reported.		
			4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			4.5	Describe any potential hazards associated with the resources and methods of work.		
			4.6	Describe how to identify quantity, length, area and wastage associated with the method/procedures to operate powered units, tools or pedestrian plant, machinery or equipment.		
5	5 Minimise the risk of damage to the work and surrounding area when preparing to and		5.1	Protect the work and its surrounding area from damage. in accordance with safe working practices and organisational procedures		
	using powered uni pedestrian plant, n		5.2	Prevent damage and maintain a clean work space.		
	equipment.		5.3	Dispose of waste in accordance with current legislation.		
			5.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.		
			5.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.		
6	6 Complete the work within the allocated time when preparing to and using_powered units, tools or pedestrian plant, machinery or equipment.		6.1	Demonstrate completion of the work within the allocated time.		
			6.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 		

Title:	• •	nd operating powered units, tools or pedestrian plant, machinery or in the workplace		
Learning outcomes The learner will be able to		Assessment criteria The learner can:		
7 Comply with the g contract informati operate powered u	on to units, tools	units, t	nstrate the following work skills when using powered cools or pedestrian plant, machinery or equipment: rting, stopping, replenishing, controlling and cleaning.	
or pedestrian plan or equipment to th specification.		.2 Use an equipn	d maintain powered units, tools and ancillary nent.	
		plant, i instruc – cor – clos	e and monitor powered units and tools or pedestrian machinery or associated equipment to given working tions relating to: ntinual running sing down aning.	
	7.		powered unit, tools or pedestrian plant, machinery ipment to a safe operational condition on completion k.	
			emble and/or clean powered unit, tools or pedestrian machinery or equipment.	
		follow needed – pre – sec – car sup – cor – rec equ – ide tasi	be how to apply safe and healthy work practices, procedures, report problems and establish authority d to rectify, to: pare, position and set up for work ure accessories and tool attachments ry out pre-use and function checks to manufacturers' and opliers' information/ and procedures mplete pre-start and post stop checks ognise the characteristics of the plant, machinery and uipment ntify specific operating and safety requirements for the k and work ognise and determine when specific skills and knowledge required and report accordingly	
	7.7	.7 – ope – mo – rep – clos – disa – use	erate, use and control nitor and maintain elenish consumables se down and secure assemble and clean e access equipment nsport and store.	
		.8 Describ effectiv and us	be the needs of other occupations and how to vely communicate within a team when preparing for ing powered units, tools or pedestrian plant, hery or equipment.	
		tools, p	be how to maintain the hand tools, portable power powered units, pedestrian plant, machinery and ry equipment used for the work.	

Title:	Preparing and operating powered units, tools or pedestrian plant, machinery or equipment in the workplace			
Additional inform	nation a	bout this unit		
Assessment Guida	ance	This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.		
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.		
		Workplace evidence of skills cannot be simulated.		
		This unit must be assessed against the endorsements detailed within the relevant NVQ Structure.		
		ProQual Level 2 NVQ Diploma in Demolition (Construction):		
		One of the following endorsements required:		
		Generators Pumps Pedestrian operated plant or machines Mixers Compressors Self powered tools		
Sector subject area		5.2 Building and Construction		
Availability for use	9	Shared unit		
Unit credit value		7		
Unit guided learning hours		23		

Title:	Slinging and	hand s	ignalling the movement of suspended loads in the workplace
Unit Number: A/508/6525			
Learning outcomes The learner will be able to	o:		sment criteria arner can:
1 Interpret the given information relating to the preparation for and the		1.1	Interpret and extract relevant information from drawings, specifications, schedules, risk assessments, method statements (lift plans) and manufacturers' information.
slinging and signal	ling of loads.	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, lift plans, work instructions, manufacturers' information, approved procedures and Codes of Practice.
2 Organise with othe sequence and ope	ration in	2.1	Organise the work according to given information or instructions.
which the slinging signalling of loads carried out.		2.2	Describe how to communicate ideas between team members.
		2.3	Organise and communicate with team members and other associated occupations.
		2.4	Describe how to organise resources prior to and when slinging and signalling of loads.
3 Know how to comply with relevant legislation and official guidance to carry out slinging and signalling of loads.		3.1	 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
			Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Title:	Slinging and	linging and hand signalling the movement of suspended loads in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
4 Maintain safe and healthy working practices when preparing for and slinging and signalling loads.		4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements when slinging and signalling loads.		
		 4.2 Demonstrate compliance with given information and relevant legislation when carrying out the slinging and signalling of loads in relation to at least three of the following: safe use and storage of tools and equipment safe use, storage and handling of lifting accessories safe use of access equipment specific risks to health. 		
		 4.3 Explain why and when health and safety control_equipment, identified by the principles of protection, should be used, relating to slinging and signalling of loads, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
		4.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.		
		4.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
5 Select the required and quality of resc prepare for and w	ources to hen slinging	5.1 Select resources associated with slinging/signalling in relation to lifting accessories/aids, hand tools and ancillary equipment.		
and signalling load	s.	 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: lifting accessories signalling and communication equipment hand tools and ancillary equipment. 		
		5.3 Describe how the resources should be used correctly, and how problems associated with the resources are reported.		

Tit	le:	Slinging and	hand	signalling the movement of suspended loads in the workplace		
	Learning outcomes The learner will be able to:			Assessment criteria The learner can:		
5	5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			5.5	Describe any potential hazards associated with the resources and methods of work.		
			5.6	Describe how to identify weight, quantity, length and area associated with the method/procedures to carry out slinging/signalling.		
6	to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.		
	slinging and signall	ing loads.	6.2	Prevent damage and maintain a clean work space.		
			6.3	Dispose of waste in accordance with current legislation.		
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.		
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.		
7	allocated time when prepari	en preparing	7.1	Demonstrate completion of the work within the allocated time.		
	to and slinging and signalling loads.		7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 		

Title:	Slinging and	hand signalling the movement of suspended loads in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
 8 Comply with the given contract information to prepare to and sling and signal suspended loads for movement to the required specification. 		 8.1 Demonstrate the following work skills when preparing to and slinging and signalling loads: measuring, gauging, estimating, calculating, fitting, fixing, testing, balancing, interpreting, inspecting, judging, explaining, preparing, indicating, informing, instructing, signing, positioning, adjusting, configuring, moving, securing, signalling and relaying. 		
		8.2 Use and maintain lifting accessories, lifting aids and equipment.		
		8.3 Inspect and prepare lifting accessories prior to slinging.		
		 8.4 Prepare to and attach suspended loads to lifting equipment, using appropriate lifting accessories and load securing methods, to given working instructions for three of the following: balanced unbalanced loose bundled container drum a load where the machine operator cannot observe its full movement path. 		
		 8.5 Guide, move and place suspended loads to specified destinations, using hand signals, to given working instructions for three of the following: balanced unbalanced loose bundled container drum a load where the machine operator cannot observe its full movement path. 		
		 8.6 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the differences between: slinging and signalling, directing and guiding movement of vehicles, plant and machinery, and directing and guiding operations of plant and machinery not being used for lifting operations confirm the authority, duties and responsibilities allocated identify characteristics of lifting equipment and lifting accessories identify and interpret valid certification for maintenance, inspection and thorough examination 		

Title:	Slinging and hand s	ignalling the movement of suspended loads in the workplace
Learning outcomes	Asses	sment criteria
The learner will be able to	o: The lea	arner can:
8 Continued	8.7	 lift and transfer people sling balanced, unbalanced, loose, live, bundled, container drum loads and loads that are blind to the equipment operator communicate using hand signals, hand signalling equipment (lights, wands, fluorescent gloves, flags) and electronic communication equipment (loud hailers, radios) confirm methods of communication recognise blind-spots, potential crush zones and other limitations to driver visibility consider the load characteristics including centre of gravity and lifting points to determine the method of slinging determine and check the route of the load before and during the lift including distances, clearances and landing position
	8.8	 select, handle, inspect and use (assemble, set up and adjust) lifting accessories and aids identify rejection criteria for removing lifting accessories from service recognise and determine when specific skills and knowledge are required and report accordingly attach lifting accessories and sling loads securely ensure balance and stability of loads attach and use load guidance equipment (tag lines) guide and place suspended loads by recognised methods of communication and agreed operational procedures land and position loads safely and securely remove and store lifting accessories use hand tools and ancillary equipment.
	8.9	Describe the needs of other occupations and how to communicate within a team when preparing to and slinging and signalling loads.
	8.10	Describe how to maintain the lifting accessories, lifting aids and signalling and communication equipment used to sling and signal loads.

Title:	Slinging and hand signalling the movement of suspended loads in the workplace			
Additional inform	ation a	bout this unit		
Assessment Guida	ance	 This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated. This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. ProQual Level 2 NVQ Diploma in Demolition (Construction): The following endorsement required (i.e. own area of work): Slinger signaller – loader securer only 		
Sector subject areas		5.2 Building and Construction		
Availability for use		Shared unit		
Unit credit value		10		
Unit guided learning hours		33		

Title:	Preparing and operating crawler cranes above 10 tonnes to lift and transfer loads in the workplace		
Unit Number:	H/508/6566	08/6566	
Learning outcomes The learner will be able to	o:		arner can:
1 Interpret the given information relating to the preparation and use of crawler		1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, lift plans, risk assessments and manufacturers' information.
cranes to lift, trans place loads.	sier and	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing the operation of crawler cranes to lift and transfer loads.
2 Organise with othe sequence and ope	ration in	2.1	Organise the work according to given information or instructions.
which lifting opera crawler cranes are carried out.	•	2.2	Describe how to communicate ideas between team members.
		2.3	Organise and communicate with team members and other associated occupations.
		2.4	Describe how to organise resources prior to and during lifting operations with crawler cranes.
3 Know how to comply with relevant legislation and official guidance when lifting and transferring loads using crawler cranes.		3.1	 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Tit	Title: Preparing ar loads in the		nd operating crawler cranes above 10 tonnes to lift and transfer workplace			
	Learning outcomes The learner will be able to:			Assessment criteria The learner can:		
4 Maintain safe and healthy working practices when preparing for and carrying lifting operations using craw	when carrying out	4.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during lifting operations.			
	cranes.		4.2	 Demonstrate compliance with given information and relevant legislation when carrying out lifting operations using crawler cranes in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment safe use and storage of lifting accessories specific risks to health. 		
			4.3	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to crawler crane use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
		4.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.			
			4.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
5	5 Request and select the required quantity and quality of resources to prepare for	and quality epare for	5.1	Request and select resources associated with crawler cranes in relation to consumables, materials, tools, ancillary equipment and/or accessories.		
	and carry out liftin using crawler cran		5.2	 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and lifting accessories hand tools, ancillary equipment and accessories. 		
			5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.		

Tit	le:	Preparing and operating crawler cranes above 10 tonnes to lift and transfer loads in the workplace				
	Learning outcomes The learner will be able to:			Assessment criteria The learner can:		
5	5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			5.5	Describe any potential hazards associated with the resources and method of work.		
			5.6	Describe how to identify weight, bearing, pressure, quantity, length and area associated with the method/procedures to carry out lifting operations with crawler cranes.		
6	to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.		
	lifting and transfer	ring loads.	6.2	Prevent damage and maintain a clean work space.		
			6.3	Dispose of waste in accordance with current legislation.		
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.		
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.		
7	Complete the worl allocated time whe	en preparing	7.1	Demonstrate completion of the work within the allocated time.		
	to and lifting and transferring loads.		7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 		

Title:		ring and operating crawler cranes above 10 tonnes to lift and transfer in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
8 Comply with th contract inform transfer and pl crawler cranes specification.	nation to lift,	 8.1 Demonstrate the following work skills when preparing for, lifting, transferring and placing loads using crawler cranes: – checking, adjusting, communicating, operating, manoeuvring, positioning, lifting, transferring and setting down. 		
		8.2 Use and maintain hand tools, ancillary equipment and/or accessories.		
		8.3 Prepare, set up and operate crawler cranes above 10 tonnes to lift, transfer and place a variety of loads to given working instructions.		
		8.4 Shut down and secure crawler cranes.		
		 8.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the crane for the lifting and transferring operation identify valid certification for maintenance, inspection and thorough examination lift and transfer people carry out function checks for lifting and transferring loads prepare, set up and reconfigure for various loads and locations carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify characteristics, type, weight and position of loads for lifting and transferring 8.6 - recognise and determine when specific skills and knowledge are required and report accordingly secure and balance loads for lifting lift, remove and transfer loads position, place and set down loads confirm load stability, security and release attach and remove guide ropes and aids be on the public highway shut down and secure the crane use hand tools and ancillary equipment use, handle and store lifting accessories. 		
		8.7 Describe the needs of other occupations and how to effectively communicate within a team when preparing for and lifting and transferring loads.		
		8.8 Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to lift and transfer loads.		

Title:	Preparing and operating crawler cranes above 10 tonnes to lift and transfer loads in the workplace		
Additional inform	ation about this	unit	
Additional information about this Assessment Guidance		This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.	
Sector subject areas Availability for use		5.2 Building and Construction	
		Shared unit	
Unit credit value		80	
Unit guided learning hours		265	

Title:	Preparing and operating mobile cranes to lift and transfer loads in the workplace		
Unit Number: M/508/6568		}	
Learning outcomes The learner will be able t	0:		sment criteria arner can:
1 Interpret the given information relating to the preparation and use of mobile		1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, lift plans, risk assessments and manufacturers' information.
cranes to lift, trans place loads.	sier and	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing the operation of mobile cranes to lift and transfer loads.
2 Organise with othe sequence and ope	ration in	2.1	Organise the work according to given information or instructions.
which lifting opera mobile cranes are carried out.	-	2.2	Describe how to communicate ideas between team members.
		2.3	Organise and communicate with team members and other associated occupations.
		2.4	Describe how to organise resources prior to and during lifting operations with mobile cranes.
relevant legislation guidance when lift	relevant legislation and official guidance when lifting and transferring loads using mobile		 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Title: Preparing and operating mobile cranes to lift and transfer loads in the workplace		rating mobile cranes to lift and transfer loads in the				
	Learning outcomes The learner will be able to:			Assessment criteria The learner can:		
4 Maintain safe and healthy working practices when preparing for and carrying out lifting operations using mobile		4.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during lifting operations.			
	cranes.		4.2	 Demonstrate compliance with given information and relevant legislation when carrying out lifting operations using mobile cranes in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment safe use and storage of lifting accessories specific risks to health. 		
			4.3	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to mobile crane use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
		4.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.			
			4.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
5	5 Request and select the required quantity and quality of resources to prepare for and carry out lifting operations using mobile cranes.	5.1	Request and select resources associated with mobile cranes in relation to consumables, materials, tools, ancillary equipment and/or accessories.			
			5.2	 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and lifting accessories hand tools, ancillary equipment and accessories. 		
			5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.		

Tit	le:	Preparing and operating mobile cranes to lift and transfer loads in the workplace			
	Learning outcomes The learner will be able to:			Assessment criteria The learner can:	
5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			5.5	Describe any potential hazards associated with the resources and method of work.	
			5.6	Describe how to identify weight, bearing, pressure, quantity, length and area associated with the method/procedures to carry out lifting operations with_mobile cranes.	
6	6 Minimise the risk of damage to the work and surrounding area when preparing to and lifting and transferring loads.	ork and surrounding on preparing to and	6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
		transferring loads.	6.2	Prevent damage and maintain a clean work space.	
			6.3	Dispose of waste in accordance with current legislation.	
		6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.		
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.	
7	allocated	complete the work within the llocated time when preparing o and lifting and transferring oads.	7.1	Demonstrate completion of the work within the allocated time.	
	to and lif		7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 	

Title:	Preparing and operatir	ng mob	ile cranes to lift and transfer loads in the workplace		
Learning outcomes			Assessment criteria The learner can:		
 The learner will be able to: 8 Comply with the given contract information to lift, transfer and place loads using mobile cranes to the required specification. 		8.1	 Demonstrate the following work skills when preparing for, lifting, transferring and placing loads using mobile cranes: checking, adjusting, communicating, operating, manoeuvring, positioning, lifting, transferring and setting down. 		
		8.2	Use and maintain hand tools, ancillary equipment and/or accessories.		
		8.3	Prepare, set up and operate mobile cranes to lift, transfer and place a variety of loads to given working instructions.		
		8.4	Shut down and secure mobile cranes.		
		8.5	 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the crane for the lifting and transferring operation identify valid certification for maintenance, inspection and thorough examination lift and transfer people carry out function checks for lifting and transferring loads prepare, set up and reconfigure for various loads and locations carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify characteristics, type, weight and position of loads for lifting and transferring recognise and determine when specific skills and knowledge are required and report accordingly secure and balance loads for lifting lift, remove and transfer loads confirm load stability, security and release attach and remove guide ropes and aids be on the public highway shut down and secure the crane use hand tools and ancillary equipment use, handle and store lifting accessories. 		
		8.7	Describe the needs of other occupations and how to effectively communicate within a team when preparing for and lifting and transferring loads.		
		8.8	Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to lift and transfer loads.		

Title:	Preparing and operating mobile cranes to lift and transfer loads in the workplace						
Additional info	Additional information about this unit						
Assessment Guidance		This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.					
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.					
		Workplace evidence of skills cannot be simulated.					
		This unit must be assessed against the endorsements detailed within the relevant NVQ Structure.					
		ProQual Level 2 NVQ Diploma in Demolition (Construction):					
		One of the following endorsements required:					
		Mobile crane blocked duties					
		Mobile crane pick and carry duties only					
		Mobile crane all duties					
Sector subject	areas	5.2 Building and Construction					
Availability for use		Shared unit					
Unit credit valu	ue	95					
Unit guided learning hours		317					

Title:	Preparing and operating rough terrain masted forklifts to lift and transfer loads in the workplace		
Unit Number:	Unit Number: M/508/6490		
Learning outcomes The learner will be able t	0:		sment criteria arner can:
1 Interpret the given information relating to the preparation and use of rough		1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, lift plans, risk assessments and manufacturers' information.
terrain masted for transfer and place		1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing the operation of rough terrain masted forklifts to lift and transfer loads.
2 Organise with othe sequence and ope	ration in	2.1	Organise the work according to given information or instructions.
which rough terrai forklift operations carried out.		2.2	Describe how to communicate ideas between team members.
		2.3	Organise and communicate with team members and other associated occupations.
		2.4	Describe how to organise resources prior to and during forklift operations.
3 Know how to comply with relevant legislation and official guidance when lifting and transferring loads with rough terrain masted forklifts.		3.1	 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
			Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Tit	le:	Preparing ar in the workp	ng and operating rough terrain masted forklifts to lift and transfer loads orkplace		
Lea	arning outcomes		Assessment criteria		
The	e learner will be able to	o:	The lea	rner can:	
4	working practices when preparing for and carrying out forklift operations with rough			Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during forklift operations.	
	terrain masted forklifts.	KIII (3.		 Demonstrate compliance with given information and relevant legislation when carrying out forklift operations using rough terrain masted forklifts in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment safe use and storage of lifting accessories specific risks to health. 	
				 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to rough terrain masted forklift use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 	
				Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.	
			:	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.	
5	5 Request and select the required quantity and quality of resources to prepare for and carry out forklift operations using rough terrain masted forklifts.	and quality epare for		Request and select resources associated with rough terrain masted forklifts in relation to consumables, materials, tools, ancillary equipment and/or accessories.	
				Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: – consumables, lubricants and fuels – attachments and lifting accessories – hand tools, ancillary equipment and accessories.	
				Describe how the resources should be used correctly and how problems associated with the resources are reported.	

Tit	le:	Preparing and operating rough terrain masted forklifts to lift and transfer loads in the workplace		
	arning outcomes e learner will be able to	o:		asment criteria
5	5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
			5.5	Describe any potential hazards associated with the resources and method of work.
			5.6	Describe how to identify weight, quantity, length and area associated with the method/procedures to carry out forklift operations with_rough terrain masted forklifts.
6	6 Minimise the risk of damage to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	lifting and transfer	ring loads.	6.2	Prevent damage and maintain a clean work space.
			6.3	Dispose of waste in accordance with current legislation.
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7	7 Complete the work within the allocated time when preparing to and lifting and transferring loads.		7.1	Demonstrate completion of the work within the allocated time.
			7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.

	paring and operating rough terrain masted forklifts to lift a ne workplace	ing and operating rough terrain masted forklifts to lift and transfer loads workplace		
Learning outcomes The learner will be able to:	Assessment criteria The learner can:			
8 Comply with the given contract information transfer and place loa rough terrain masted to the required specif	using masted forklifts: rklifts – checking, adjusting, communicating, or	rough terrain perating,		
	8.2 Use and maintain hand tools, ancillary equi accessories.	pment and/or		
	8.3 Prepare and operate rough terrain masted transfer and place a variety of loads to give instructions.			
	8.4 Shut down and secure rough terrain maste	d forklifts.		
	 8.5 Describe how to apply safe and healthy wo procedures, report problems and establish to rectify, to: identify the characteristics of the machine operation identify valid certification for maintenance, thorough examination lift and transfer people carry out function checks for lifting and tra prepare, set up and reconfigure for various lo carry out pre-operational checks for obstrue safety and security of the work and surrour identify characteristics, type, weight and polifting and transferring 	authority needed for the forklift , inspection and nsferring loads bads and locations actions, stability, nding area osition of loads for		
	 8.6 are required and report accordingly secure and balance loads for lifting lift, remove and transfer loads position, place and set down loads confirm load stability, security and release attach and remove guide ropes and aids be on the public highway shut down and secure the rough terrain ma use hand tools and ancillary equipment use, handle and store lifting accessories. 			
	8.7 Describe the needs of other occupations ar effectively communicate within a team what and lifting and transferring loads.			
	8.8 Describe how to maintain the plant and ma tools, ancillary equipment and accessories transfer loads.			

Title:	Preparing and operating rough terrain masted forklifts to lift and transfer loads in the workplace				
Additional inform	nation about this	unit			
Assessment Guida	ance	This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.			
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.			
		Workplace evidence of skills cannot be simulated.			
Sector subject are	eas	5.2 Building and Construction			
Availability for use		Shared unit			
Unit credit value		18			
Unit guided learning hours		60			

Title:	Preparing and operating industrial forklift trucks to lift and transfer loads in the workplace		
Unit Number:	T/508/6491		
Learning outcomes The learner will be able t	0:		sment criteria arner can:
information relation	information relating to the preparation and use of		Interpret and extract relevant information from drawings, specifications, schedules, method statements, lift plans, risk assessments and manufacturers' information.
transfer and place		1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing the operation of industrial forklift trucks to lift and transfer loads.
2 Organise with oth sequence and ope	eration in	2.1	Organise the work according to given information or instructions.
which industrial fo operations are to out.		2.2	Describe how to communicate ideas between team members.
		2.3	Organise and communicate with team members and other associated occupations.
		2.4	Describe how to organise resources prior to and during forklift operations.
3 Know how to comply with relevant legislation and official guidance when lifting and transferring loads with industrial forklift trucks.		3.1	 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
			Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Title:	:	Preparing and operating industrial forklift trucks to lift and transfer loads in the workplace		
	ning outcomes earner will be able to	o:		sment criteria arner can:
v p fe	4 Maintain safe and healthy working practices when preparing for and carrying out forklift operations with		4.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during industrial forklift truck operations.
	industrial forklift trucks.	UCKS.	4.2	 Demonstrate compliance with given information and relevant legislation when carrying out forklift operations using industrial forklift trucks in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment safe use and storage of lifting accessories specific risks to health.
			4.3	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to industrial forklift truck use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV).
			4.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
			4.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
r o	5 Request and select the required quantity and qu of resources to prepare for and carry out forklift operations with industria forklift trucks.	and quality epare for	5.1	Request and select resources associated with industrial forklift trucks in relation to consumables, materials, tools, ancillary equipment and/or accessories.
C			5.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: - consumables, lubricants and fuels - attachments and lifting accessories - hand tools, ancillary equipment and accessories.
			5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.

Tit	le:	Preparing and operating industrial forklift trucks to lift and transfer loads in the workplace		
	arning outcomes			ssment criteria
The	e learner will be able to	o:	The le	arner can:
5	5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
			5.5	Describe any potential hazards associated with the resources and method of work.
			5.6	Describe how to identify weight, quantity, length and area associated with the method/procedures to lift and transfer loads with industrial forklift trucks.
6	6 Minimise the risk of damage to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	lifting and transfer	ring loads.	6.2	Prevent damage and maintain a clean work space.
			6.3	Dispose of waste in accordance with current legislation.
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7	7 Complete the work within the allocated time when preparing to and lifting and transferring loads.		7.1	Demonstrate completion of the work within the allocated time.
			7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.

Title:		Preparing an workplace	ing and operating industrial forklift trucks to lift and transfer loads in the lace		
Learning outcomes The learner will be able to:			ssment criteria earner can:		
8 Comply with the given contract information to lift, transfer and place loads using industrial forklift trucks to the required specification.		8.1	 Demonstrate the following work skills when preparing for, lifting, transferring and placing loads with industrial forklift trucks: checking, adjusting, communicating, operating, manoeuvring, positioning, lifting, transferring and setting down. 		
			8.2	Use and maintain hand tools, ancillary equipment and/or accessories.	
			8.3	Prepare and operate industrial forklift trucks to lift, transfer and place a variety of loads to given working instructions.	
			8.4	Shut down and secure industrial forklift trucks.	
			8.5	 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the machine for the forklift operation identify valid certification for maintenance, inspection and thorough examination lift and transfer people carry out function checks for lifting and transferring loads prepare, set up and reconfigure for various loads and locations carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify characteristics, type, weight and position of loads for lifting and transferring recognise and determine when specific skills and knowledge are required and report accordingly secure and balance loads for lifting lift, remove and transfer loads confirm load stability, security and release attach and remove guide ropes and aids be on the public highway shut down and secure the industrial forklift truck use hand tools and ancillary equipment use, handle and store lifting accessories. 	
			8.7	Describe the needs of other occupations and how to effectively communicate within a team when preparing for and lifting and transferring loads.	
			8.8	Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to lift and transfer loads.	

Title:	Preparing and operating industrial forklift trucks to lift and transfer loads in the workplace				
Additional inform	ation about this	unit			
Assessment Guida	ance	This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.			
Sector subject areas		5.2 Building and Construction			
Availability for use		Shared unit			
Unit credit value		16			
Unit guided learning hours		53			

Title:	Preparing and operating sideloader forklifts to lift and transfer loads in the workplace		
Unit Number:	A/508/6492		
Learning outcomes The learner will be able t	o:		sment criteria urner can:
1 Interpret the given information relating to the preparation and use of		1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, lift plans, risk assessments and manufacturers' information.
sideloader forklift transfer and place		1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
			 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing the operation of sideloader forklifts to lift and transfer loads.
2 Organise with othe sequence and ope	ration in	2.1	Organise the work according to given information or instructions.
which sideloader f operations are to out.		2.2	Describe how to communicate ideas between team members.
		2.3	Organise and communicate with team members and other associated occupations.
		2.4	Describe how to organise resources prior to and during forklift operations.
3 Know how to comply with relevant legislation and official guidance when lifting and transferring loads with sideloader forklifts.		3.1	 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Title:	Preparing an workplace	reparing and operating sideloader forklifts to lift and transfer loads in the orkplace		
Learning outcomes The learner will be able t	to:	Assessment criteria The learner can:		
4 Maintain safe and healthy working practices when preparing for and carrying out forklift operations with		4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during forklift operations.		
sideloader types.		 4.2 Demonstrate compliance with given information and relevant legislation when carrying out forklift operations with sideloader types in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment safe use and storage of lifting accessories specific risks to health. 		
		 4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to sideloader forklift use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
	-	4.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.		
	-	4.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
required quantity of resources to pr	required quantity and quality of resources to prepare for	5.1 Request and select resources associated with sideloader forklifts in relation to consumables, materials, tools, ancillary equipment and/or accessories.		
and carry out forklift operations with sideloader types.		 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and lifting accessories hand tools, ancillary equipment and accessories. 		
		5.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.		

Title: Preparing a workplace		nd operating sideloader forklifts to lift and transfer loads in the				
	Learning outcomes			Assessment criteria		
The	e learner will be able to	o:	The le	arner can:		
5	5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			5.5	Describe any potential hazards associated with the resources and method of work.		
			5.6	Describe how to identify weight, quantity, length and area associated with the method/procedures to carry out forklift operations with sideloader types.		
6	6 Minimise the risk of damage to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.		
	lifting and transfer	ring ioaus.	6.2	Prevent damage and maintain a clean work space.		
			6.3	Dispose of waste in accordance with current legislation.		
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.		
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.		
7	7 Complete the work within the allocated time when preparing to and lifting and transferring loads.		7.1	Demonstrate completion of the work within the allocated time.		
			7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 		

Title: Preparing an workplace		perating sideloader forklifts to lift and transfer loads in the	
Learning outcomes The learner will be able to:		Assessment criteria The learner can:	
8 Comply with the g contract informati transfer and place sideloader forklifts required specificat	on to lift, loads using to the tion.	 Demonstrate the following work skills when preparing for, lifting, transferring and placing loads using sideloader forklifts: checking, adjusting, communicating, operating, manoeuvring, positioning, lifting, transferring and setting down. 	
	8.2	Use and maintain hand tools, ancillary equipment and/or accessories.	
	8.3	Prepare and operate sideloader forklifts to lift, transfer and place a variety of loads to given working instructions.	
	8.4	Shut down and secure sideloader forklifts.	
	8.5	 secure and balance loads for lifting lift, remove and transfer loads position, place and set down loads confirm load stability, security and release attach and remove guide ropes and aids be on the public highway shut down and secure the sideloader forklift use hand tools and ancillary equipment use, handle and store lifting accessories. 	
	8.7	Describe the needs of other occupations and how to effectively communicate within a team when preparing for and lifting and transferring loads.	
	8.8	Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to lift and transfer loads.	

Title:	Preparing and operating sideloader forklifts to lift and transfer loads in the workplace	
Additional in	formation about this	unit
Assessment Guidance		This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.
		Workplace evidence of skills cannot be simulated.
Sector subject	ct areas	5.2 Building and Construction
Availability for use		Shared unit
Unit credit va	alue	16
Unit guided l	earning hours	53

Title: Preparing an workplace		nd operating telescopic handlers to lift and transfer loads in the
Unit Number: F/508/6493		
Learning outcomes The learner will be able t	0:	Assessment criteria The learner can:
1 Interpret the given information relating to the preparation and use of		1.1 Interpret and extract relevant information from drawings, specifications, schedules, method statements, lift plans, risk assessments and manufacturers' information.
telescopic handler transfer and place		1.2 Comply with information and/or instructions derived from risk assessments and method statements.
		1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		 1.4 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing the operation of telescopic handlers to lift and transfer loads.
2 Organise with othe sequence and ope	ration in	2.1 Organise the work according to given information or instructions.
which lifting opera telescopic handler carried out.	-	2.2 Describe how to communicate ideas between team members.
		2.3 Organise and communicate with team members and other associated occupations.
		2.4 Describe how to organise resources prior to and during telescopic handler operations.
3 Know how to com relevant legislation guidance when lift transferring loads telescopic handler	n and official ing and using	 3.1 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		3.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3 Explain what the accident reporting procedures are and who is responsible for making reports.

Title:	Preparing and workplace	g and operating telescopic handlers to lift and transfer loads in the ce	
Learning outcomes The learner will be able to:		Assessment criteria The learner can:	
4 Maintain safe and healthy working practices when preparing for and carrying out lifting operations using		4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during lifting operations.	
telescopic handlers		 4.2 Demonstrate compliance with given information and relevant legislation when carrying out telescopic handler operations in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment safe use and storage of lifting accessories specific risks to health. 	
		 4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to telescopic handler use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 	
		4.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.	
		4.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.	
5 Request and select required quantity a of resources to pre	and quality pare for	5.1 Request and select resources associated with telescopic handlers in relation to consumables, materials, tools, ancillary equipment and/or accessories.	
-	and carry out telescopic handler operations.	 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and lifting accessories hand tools, ancillary equipment and accessories. 	
		5.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.	

Title: Preparing a workplace		nd ope	rating telescopic handlers to lift and transfer loads in the			
	Learning outcomes			Assessment criteria		
The	e learner will be able to):	The le	arner can:		
5	5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			5.5	Describe any potential hazards associated with the resources and method of work.		
			5.6	Describe how to identify weight, pressure, quantity, length and area associated with the method/procedures to lift and transfer loads using telescopic handlers.		
6	6 Minimise the risk of damage to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.		
	lifting and transfer	ring loads.	6.2	Prevent damage and maintain a clean work space.		
			6.3	Dispose of waste in accordance with current legislation.		
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.		
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.		
7	allocated time when preparing to and lifting and transferring		7.1	Demonstrate completion of the work within the allocated time.		
			7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 		

Tit	le:	Preparing an workplace	and operating telescopic handlers to lift and transfer loads in the	
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
8	Comply with the given contract information to lift, transfer and place loads using telescopic handlers to the required specification.		8.1	 Demonstrate the following work skills when preparing for, lifting, transferring and placing loads using telescopic handlers: checking, adjusting, communicating, operating, manoeuvring, positioning, lifting, transferring and setting down.
			8.2	Use and maintain hand tools, ancillary equipment and/or accessories.
			8.3	Prepare, set up and operate telescopic handlers to lift, transfer and place a variety of loads to given working instructions.
			8.4	Shut down and secure telescopic handlers.
			8.5	 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the telescopic handler for the lifting and transferring operation identify valid certification for maintenance, inspection and thorough examination lift and transfer people carry out function checks for lifting and transferring loads prepare, set up and reconfigure for various loads and locations carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify characteristics, type, weight and position of loads for lifting and transferring
			8.6	 recognise and determine when specific skills and knowledge are required and report accordingly secure and balance loads for lifting lift, remove and transfer loads position, place and set down loads confirm load stability, security and release attach and remove guide ropes and aids be on the public highway shut down and secure the telescopic handler use hand tools and ancillary equipment use, handle and store lifting accessories.
			8.7	Describe the needs of other occupations and how to effectively communicate within a team when preparing for and lifting and transferring loads.
			8.8	Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to lift and transfer loads.

Title:	Preparing and opera	ting telescopic handlers to lift and transfer loads in the workplace		
Additional i	Additional information about this unit			
Assessment Guidance		This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.		
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.		
		Workplace evidence of skills cannot be simulated.		
		This unit must be assessed against the endorsements detailed within the relevant NVQ Structure.		
		ProQual Level 2 NVQ Diploma in Demolition (Construction):		
		One of the following endorsements required:		
		Telescopic handler industrial telescope		
		Telescopic handler up to 9 metres Telescopic handler all sizes		
		Telescopic handler all sizes excluding 360 degree		
		Telescopic handler all sizes including 360 degree		
Sector subje	ect areas	5.2 Building and Construction		
Availability	for use	Shared unit		
Unit credit	value	25		
Unit guided	learning hours	83		

Title:	Preparing ar	operating read	h trucks to lift and transfer loads in the workplace
Unit Number: J/508/6494			
Learning outcomes The learner will be able to:		Assessment crit	eria
1 Interpret the given information relating to the preparation and use of reach		specifica	and extract relevant information from drawings, tions, schedules, method statements, lift plans, risk ents and manufacturers' information.
trucks to lift, trans place loads.	fer and		vith information and/or instructions derived from ssments and method statements.
		and recti	the organisational procedures developed to report fy inappropriate information and unsuitable s and how they are implemented.
		they are – draw risk a regu	different types of information, their source and how interpreted in relation to: ings, specifications, schedules, method statements, ssessments, manufacturers' information and current ations governing the operation of reach trucks to lift ransfer loads.
2 Organise with othe sequence and ope	ration in	2.1 Organise instructio	the work according to given information or ons.
which reach truck are to be carried o	•	2.2 Describe members	how to communicate ideas between team 5.
		-	and communicate with team members and other doccupations.
		2.4 Describe truck ope	how to organise resources prior to and during reach erations.
3 Know how to comply with relevant legislation and official guidance when lifting and transferring loads with reach trucks.		health ha — in the at he subs	their responsibilities regarding potential accidents, azards and the environment whilst working: e workplace, below ground level, in confined spaces, ight, with tools and equipment, with materials and cances, with movement/storage of materials and by ual handling and mechanical lifting.
		equipme	the organisational security procedures for tools, nt and personal belongings in relation to site, e, company and operative.
			what the accident reporting procedures are and who sible for making reports.

Title:	Title: Preparing and operating reach trucks to lift and transfer loads in the workpla			
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
working practices when preparing for and carrying out forklift operations with reach		4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during reach truck operations.		
trucks.		 4.2 Demonstrate compliance with given information and relevant legislation when carrying out reach truck operations in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment safe use and storage of lifting accessories specific risks to health. 		
		 4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to reach truck use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
		4.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.		
		4.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
5 Request and select required quantity of resources to pre	and quality epare for	5.1 Request and select resources associated with reach trucks in relation to consumables, materials, tools, ancillary equipment and/or accessories.		
and carry out forkl operations with re		 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and lifting accessories hand tools, ancillary equipment and accessories. 		
		5.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.		

Title: Preparing ar		nd ope	rating reach trucks to lift and transfer loads in the workplace		
	Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
5	5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.	
			5.5	Describe any potential hazards associated with the resources and method of work.	
			5.6	Describe how to identify weight, quantity, length and area associated with the method/procedures to carry, lift and transfer loads using reach trucks.	
6	6 Minimise the risk of damage to the work and surrounding area when preparing to and lifting and transferring loads.		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
			6.2	Prevent damage and maintain a clean work space.	
			6.3	Dispose of waste in accordance with current legislation.	
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.	
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.	
7	Complete the work allocated time whe	en preparing	7.1	Demonstrate completion of the work within the allocated time.	
	to and lifting and transferring loads.		7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 	

Title: Preparing an		nd operating reach trucks to lift and transfer loads in the workplace		
Learning outcomes The learner will be able to:		ssessment criteria he learner can:		
 8 Comply with the gi contract information transfer and place reach trucks to the specification. 	ven 8 on to lift, loads using	 Demonstrate the following work skills when preparing for, lifting, transferring and placing loads using reach trucks: checking, adjusting, communicating, operating, manoeuvring, positioning, lifting, transferring and setting down. 		
	8	.2 Use and maintain hand tools, ancillary equipment and/or accessories.		
	8	.3 Prepare, set up and operate reach trucks to lift, transfer and place a variety of loads to given working instructions.		
	8	.4 Shut down and secure reach trucks.		
		 5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the reach truck for the forklift operation identify valid certification for maintenance, inspection and thorough examination lift and transfer people carry out function checks for lifting and transferring loads prepare, set up and reconfigure for various loads and locations carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify characteristics, type, weight and position of loads for lifting and transferring recognise and determine when specific skills and knowledge are required and report accordingly secure and balance loads for lifting lift, remove and transfer loads confirm load stability, security and release attach and remove guide ropes and aids be on the public highway shut down and secure the reach truck use hand tools and ancillary equipment use, handle and store lifting accessories. 		
	8	.7 Describe the needs of other occupations and how to effectively communicate within a team when preparing for and lifting and transferring loads.		
	8	.8 Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to lift and transfer loads.		

Title:	Preparing and operating reach trucks to lift and transfer loads in the workplace			
Additional in	Additional information about this unit			
Assessment Guidance		This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.		
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.		
		Workplace evidence of skills cannot be simulated.		
Sector subject areas		5.2 Building and Construction		
Availability for use		Shared unit		
Unit credit value		16		
Unit guided learning hours		53		

Title:	Preparing a in the work		nd operating lorry loaders or knuckle booms to lift and transfer loads blace		
Unit Number: D/508/6484					
Learning outcomes The learner will be able to	0:		ssment criteria Parner can:		
1 Interpret the given information relating to the preparation and use of lorry		1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, lift plans, risk assessments and manufacturers' information.		
loaders/knuckle bo transfer and place		1.2	Comply with information and/or instructions derived from risk assessments and method statements.		
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.		
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing the operation of lorry loaders/knuckle boom to lift and transfer loads. 		
2 Organise with othe sequence and ope	ration in	2.1	Organise the work according to given information or instructions.		
which lifting opera lorry loaders/knuc are to be carried o	kle booms	2.2	Describe how to communicate ideas between team members.		
			Organise and communicate with team members and other associated occupations.		
		2.4	Describe how to organise resources prior to and during lifting operations with lorry loaders/knuckle boom.		
3 Know how to comply with relevant legislation and official guidance when lifting and transferring loads using lorry loaders/knuckle booms.		3.1	 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. 		
			Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.		
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.		

Titl	Title: Preparing a in the work		nd operating lorry loaders or knuckle booms to lift and transfer loads place			
	Learning outcomes The learner will be able to:			Assessment criteria The learner can:		
4	4 Maintain safe and healthy working practices when preparing for and carrying out lifting operations using lorry loaders/knuckle booms.		4.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during lifting operations.		
			4.2	 Demonstrate compliance with given information and relevant legislation when carrying out lifting operations using lorry loaders/knuckle booms in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment safe use and storage of lifting accessories specific risks to health. 		
			4.3	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to lorry loader/knuckle boom use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
			4.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.		
			4.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
5	5 Request and select the required quantity and quality of resources to prepare for and carry out lifting operations using lorry loaders/knuckle booms.	and quality epare for	5.1	Request and select resources associated with lorry loaders/knuckle booms in relation to consumables, materials, tools, ancillary equipment and/or accessories.		
			5.2	 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and lifting accessories hand tools, ancillary equipment and accessories. 		
			5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.		

Title: Preparing and ope in the workplace		-	rating lorry loaders or knuckle booms to lift and transfer loads			
	Learning outcomes			Assessment criteria		
5	The learner will be able to: 5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			5.5	Describe any potential hazards associated with the resources and method of work.		
			5.6	Describe how to identify weight, bearing, pressure, quantity, length and area associated with the method/procedures to carry out lifting operations with lorry loaders/knuckle booms.		
6	6 Minimise the risk of damage to the work and surrounding area when preparing to and lifting and transferring loads.		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.		
			6.2	Prevent damage and maintain a clean work space.		
			6.3	Dispose of waste in accordance with current legislation.		
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.		
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.		
7	7 Complete the work within the allocated time when preparing to and lifting and transferring loads.		7.1	Demonstrate completion of the work within the allocated time.		
			7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 		

Title: Preparing an in the work	nd operating lorry loaders or knuckle booms to lift and transfer loads place
Learning outcomes The learner will be able to:	Assessment criteria The learner can:
8 Comply with the given contract information to lift, transfer and place loads using lorry loaders/knuckle booms to the required specification.	 8.1 Demonstrate the following work skills when preparing for, lifting, transferring and placing loads using lorry loaders/knuckle booms: checking, adjusting, communicating, operating, manoeuvring, positioning, lifting, transferring and setting down.
	8.2 Use and maintain hand tools, ancillary equipment and/or accessories.
	8.3 Prepare, set up and operate lorry loaders/knuckle booms to lift, transfer and place a variety of loads to given working instructions.
	8.4 Shut down and secure lorry loaders/knuckle booms.
	 8.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the lorry loader/knuckle boom for the lifting and transferring operation identify valid certification for maintenance, inspection and thorough examination lift and transfer people carry out function checks for lifting and transferring loads prepare, set up and reconfigure for various loads and locations carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify characteristics, type, weight and position of loads for lifting and transferring 8.6 – recognise and determine when specific skills and knowledge are required and report accordingly secure and balance loads for lifting lift, remove and transfer loads position, place and set down loads confirm load stability, security and release attach and remove guide ropes and aids be on the public highway shut down and secure the lorry loader/knuckle boom use hand tools and ancillary equipment
	 use, handle and store lifting accessories. 8.7 Describe the needs of other occupations and how to effectively communicate within a team when preparing for and lifting and transferring loads.
	8.8 Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to lift and transfer loads.

Title:	Preparing and operating lorry loaders or knuckle booms to lift and transfer loads in the workplace				
Additional inform	ation al	bout this unit			
Assessment Guida	ance	This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.			
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.			
		Workplace evidence of skills cannot be simulated.			
		This unit must be assessed against the endorsements detailed within the relevant NVQ Structure.			
		ProQual Level 2 NVQ Diploma in Demolition (Construction):			
		One of the following endorsements required:			
		Knuckle boom Lorry loader hook Lorry loader clamshell bucket Lorry loader hydraulic clamp			
Sector subject areas		5.2 Building and Construction			
Availability for use		Shared unit			
Unit credit value		30			
Unit guided learning hours		100			

Title:	Preparing and operating skip handlers to lift and transfer loads in the workpla		ting skip handlers to lift and transfer loads in the workplace
Unit Number: H/508/6485			
Learning outcomes The learner will be able to	o:		ment criteria rner can:
 Interpret the given information relating to the preparation and use of skip 			Interpret and extract relevant information from drawings, specifications, schedules, method statements, lift plans, risk assessments and manufacturers' information.
handlers to lift, tra place loads.	nsfer and		Comply with information and/or instructions derived from risk assessments and method statements.
			Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
			 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing the operation of skip handlers to lift and transfer loads.
2 Organise with other sequence and oper	ration in		Organise the work according to given information or instructions.
which lifting opera skip handlers are t out.	-		Describe how to communicate ideas between team members.
			Organise and communicate with team members and other associated occupations.
			Describe how to organise resources prior to and during lifting operations with skip handlers.
3 Know how to comply with relevant legislation and official guidance when lifting and transferring loads using skip handlers.			 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
			Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
			Explain what the accident reporting procedures are and who is responsible for making reports.

Title:	Preparing ar	Preparing and operating skip handlers to lift and transfer loads in the workplace		
Learning outcomes The learner will be ab		Assessment criteria The learner can:		
4 Maintain safe and healthy working practices when preparing for and carrying out lifting operations using skip handlers.		4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during lifting operations.		
nanulers.		 4.2 Demonstrate compliance with given information and relevant legislation when carrying out lifting operations using skip handlers in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment safe use and storage of lifting accessories specific risks to health. 		
		 4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to skip handler use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
		4.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.		
		4.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
required quant of resources to	5 Request and select the required quantity and quality of resources to prepare for	5.1 Request and select resources associated with skip handlers in relation to consumables, materials, tools, ancillary equipment and/or accessories.		
and carry out li using skip hand	fting operations llers.	 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and lifting accessories hand tools, ancillary equipment and accessories. 		
		5.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.		

Tit	le:	Preparing ar	Preparing and operating skip handlers to lift and transfer loads in the workplace		
	Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		
			5.5	Describe any potential hazards associated with the resources and method of work.	
			5.6	Describe how to identify weight, pressure, quantity, length and area associated with the method/procedures to carry out lifting operations with skip handlers.	
6	to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
	lifting and transfer	ring loads.	6.2	Prevent damage and maintain a clean work space.	
			6.3	Dispose of waste in accordance with current legislation.	
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.	
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.	
7	allocated time when prepa	en preparing	7.1	Demonstrate completion of the work within the allocated time.	
	to and lifting and transferring loads.		7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 	

Title:	Preparing and op	perating skip handlers to lift and transfer loads in the workplace		
Learning outcomes <i>The learner will be able to:</i>		Assessment criteria		
 8 Comply with the given contract information to lift, transfer and place loads usi skip handlers to the require specification. 	iven 8.1 on to lift, loads using	 Demonstrate the following work skills when preparing for, lifting, transferring and placing loads using skip handlers: checking, adjusting, communicating, operating, manoeuvring, positioning, lifting, transferring and setting down. 		
	8.2	Use and maintain hand tools, ancillary equipment and/or accessories.		
	8.3	Prepare, set up and operate skip handlers to lift, transfer and place a variety of loads to given working instructions.		
	8.4	Shut down and secure skip handlers.		
	8.5	 procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the skip handler for the lifting and transferring operation identify valid certification for maintenance, inspection and thorough examination lift and transfer people carry out function checks for lifting and transferring loads prepare, set up and reconfigure for various loads and locations carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify characteristics, type, weight and position of loads for lifting and transferring 		
	8.7	Describe the needs of other occupations and how to effectively communicate within a team when preparing for and lifting and transferring loads.		
	8.8	Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to lift and transfer loads.		

Title:	Preparing and operating skip handlers to lift and transfer loads in the workplace		
Additional inform	ation about this	unit	
Additional information about this Assessment Guidance		This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.	
Sector subject are	as	5.2 Building and Construction	
Availability for use		Shared unit	
Unit credit value		18	
Unit guided learning hours		60	

Title:	Preparing an the workplace	-	ating crawler tractor dozers to carry out dozer operations in
Unit Number: L/508/6576			
Learning outcomes The learner will be able t	o:		sment criteria arner can:
1 Interpret the given information relating to the preparation and use of crawler		1.1	Interpret and extract relevant information from drawings, specifications, schedules, risk assessments and manufacturers' information.
tractor dozers for operations.	uozer	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, and current regulations governing the operation of crawler tractor dozers for dozer operations.
2 Organise with othe sequence and ope	ration in	2.1	Organise the work according to given information or instructions.
which dozer opera crawler tractor do be carried out.	-	2.2	Describe how to communicate ideas between team members.
		2.3	Organise and communicate with team members and other associated occupations.
		2.4	Describe how to organise resources prior to and during dozer operations using crawler tractor dozers.
relevant legislation guidance when ca	relevant legislation and official guidance when carrying out dozer operations using crawler		 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

	reparing and ne workplac	and operating crawler tractor dozers to carry out dozer operations in lace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
4 Maintain safe and healthy working practices when preparing for and carrying out dozer operations using crawler		4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during dozer operations.		
tractor dozers.		 4.2 Demonstrate compliance with given information and relevant legislation when carrying out dozer operations using crawler tractor dozers in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment specific risks to health. 		
	4.3	 4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to crawler tractor dozer use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
		4.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.		
	-	4.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
5 Request and select th required quantity and of resources to prepa	d quality ire for	5.1 Request and select resources associated with crawler tractor dozers in relation to consumables, materials, attachments, tools, ancillary equipment and/or accessories.		
and carry out dozer c using crawler tractor	-	 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and plant or machinery aids hand tools, ancillary equipment and accessories. 		
		5.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.		

Tit	le:	Preparing ar the workpla	paring and operating crawler tractor dozers to carry out dozer operations in workplace		
	Learning outcomes The learner will be able to:			ssment criteria earner can:	
5 Continued			5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.	
			5.5	Describe any potential hazards associated with the resources and methods of work.	
			5.6	Describe how to identify weight, bearing pressure, quantity, length and area associated with the method/procedures to carry out dozer operations using crawler tractor dozers.	
6	to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
	carrying out dozer	operations.	6.2	Prevent damage and maintain a clean work space.	
			6.3	Dispose of waste in accordance with current legislation.	
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.	
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.	
7	Complete the worl allocated time whe	en preparing	7.1	Demonstrate completion of the work within the allocated time.	
	to and carrying ou operations	rying out dozer 	7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 	

Tit	le:	Preparing and the workplace	nd operating crawler tractor dozers to carry out dozer operations in ace		
	Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
8	Comply with the given contract information to carry out dozer operations using crawler tractor dozers to the required specification.		 8.1 Demonstrate the following work skills when preparing for and extracting, excavating, laying and distributing materials using crawler tractor dozers: checking, adjusting, communicating, manoeuvring, positioning, measuring, extracting, excavating, laying, distributing, compacting, forming and removing. 		
			8.2 Use and maintain hand tools, ancillary equipment and/or accessories.		
			 8.3 Prepare, set up, position and operate crawler tractor dozers to given working instructions extract, excavate and move different types of materials lay or distribute materials form and/or stockpile materials. 		
		8.	8.4 Shut down and secure crawler tractor dozers.		
			 8.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the crawler tractor dozer used for the dozer operation carry out function checks for the dozer operation prepare, set up and adjust for operational requirements identify the area of work carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area identify geological, environmental and material changes and report check to avoid damage to structures and utilities service apparatus 8.6 recognise and determine when specific skills and knowledge are required and report accordingly extract, excavate and move materials safely and securely form and remove stockpiles conduct ripper operations be on the public highway shut down and secure crawler tractor dozer use hand tools, ancillary equipment and accessories. 		
			8.7 Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out dozer operations.		
			8.8 Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to carry out dozer operations.		

Title:	Preparing and operating crawler tractor dozers to carry out dozer operations in the workplace				
Additional inform	ation	about this unit			
Assessment Guida	ance	This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.			
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.			
		Workplace evidence of skills cannot be simulated.			
		This unit must be assessed against the endorsements detailed within the relevant NVQ Structure.			
		ProQual Level 2 NVQ Diploma in Demolition (Construction):			
		One of the following endorsements required:			
		Extract Excavate Construct/form Lay/distribute			
Sector subject areas		5.2 Building and Construction			
Availability for use		Shared unit			
Unit Credit value		80			
Unit guided learning hours		266			

Title:	Preparing and operating forward tipping dumpers to receive, transport and discharge materials in the workplace		
Unit Number: R/508/6501			
Learning outcomes The learner will be able t	0:	sessment criteria e learner can:	
1 Interpret the given information relating to the preparation and use of		Interpret and extract relevant info specifications, schedules, risk asse manufacturers' information.	
forward tipping du carry out transpor discharging operat	ting and	Comply with information and/or ir risk assessments and method state	
		Describe the organisational proced and rectify inappropriate informat resources and how they are imple	ion and unsuitable
		 Describe different types of informative they are interpreted in relation to: drawings, specifications, scheorisk assessments, manufacture current regulations governing tipping dumpers. 	lules, method statements, ers' information, and
2 Organise with othe sequence and ope	ration in	Organise the work according to give instructions.	ven information or
which transporting discharging operat forward tipping du	tions using	2 Describe how to communicate ide members.	as between team
to be carried out.		Organise and communicate with te associated occupations.	eam members and other
		Describe how to organise resource transporting and discharging opera	
3 Know how to com relevant legislation guidance when can transporting and c operations using for tipping dumpers.	n and official rrying out lischarging	 Describe their responsibilities regative health hazards and the environme in the workplace, below groun at height, with tools and equip substances, with movement/simanual handling and mechani 	nt whilst working: d level, in confined spaces, ment, with materials and torage of materials and by
		2 Describe the organisational securit equipment and personal belonging workplace, company and operative	s in relation to site,
		8 Explain what the accident reportin is responsible for making reports.	g procedures are and who

Tit	le:		aring and operating forward tipping dumpers to receive, transport and arge materials in the workplace		
	Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
4 Maintain safe and healthy working practices when preparing for and carrying out transporting and discharging		4.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during transporting and discharging operations.		
	operations using forward tipping dumpers.	brward	4.2	 Demonstrate compliance with given information and relevant legislation when carrying out transporting and discharging operations using forward tipping dumpers in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment specific risks to health. 	
			4.3	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to forward tipping dumper use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 	
			4.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.	
			4.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.	
5	5 Request and select the required quantity and quality of resources to prepare for and carry out transporting and discharging operations using forward tipping dumpers.	and quality epare for	5.1	Request and select resources associated with forward tipping dumpers in relation to consumables, materials, tools, ancillary equipment and/or accessories.	
		5.2	 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and load coverings hand tools, ancillary equipment and accessories. 		

Tit	le:	• •	nd operating forward tipping dumpers to receive, transport and aterials in the workplace		
Learning outcomes The learner will be able to:			Assessment criteria The learner can:		
5 Continued		5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.		
			5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.	
			5.5	Describe any potential hazards associated with the resources and methods of work.	
			5.6	Describe how to identify weight, quantity, pressure, length and area associated with the method/procedures to carry out transporting and discharging operations.	
6	the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
	transporting and d materials.	lischarging	6.2	Prevent damage and maintain a clean work space.	
			6.3	Dispose of waste in accordance with current legislation.	
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.	
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.	
7	Complete the worl allocated time whe	en preparing	7.1	Demonstrate completion of the work within the allocated time.	
	to and transporting and discharging materials using forward tipping dumpers.		7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 	

Title:		erating forward tipping dumpers to receive, transport and als in the workplace		
Learning outcomes The learner will be able to		Assessment criteria The learner can:		
8 Comply with the giv contract information receive, transport and discharge materials forward tipping due the required specification	on to and s using mpers to	 Demonstrate the following work skills when preparing for and transporting and discharging materials using forward tipping dumpers: checking, adjusting, communicating, manoeuvring, positioning, receiving, depositing, transporting, discharging and cleaning. 		
	8.2	Use and maintain hand tools, ancillary equipment and/or accessories.		
	8.3	Prepare to, position, set up and operate forward tipping dumpers to receive, transport and discharge loads to given working instructions.		
	8.4	Shut down and secure forward tipping dumpers.		
	8.5	 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the forward tipping dumpers used for transporting and discharging work carry out function checks to receive, transport and discharge loads identify characteristics, type and volume of loads to receive and transport prepare, set up and adjust for operational requirements carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area recognise and determine when specific skills and knowledge are required and report accordingly identify the area for discharging check to avoid damage to structures and utilities service apparatus receive, transport and discharge materials safely and securely 		
		 be on the public highway shut down and secure the forward tipping dumper use hand tools, ancillary equipment and accessories. 		
	8.7	Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out transporting and discharging operations.		
	8.8	Describe how to maintain the plant and machinery, hand tools and ancillary equipment used for transporting and discharging operations.		

Title:	Preparing and operating forward tipping dumpers to receive, transport and discharge materials in the workplace				
Additional inform	ation	about this unit			
Assessment Guidance		This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.			
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.			
		Workplace evidence of skills cannot be simulated.			
		This unit must be assessed against the endorsements detailed within the relevant NVQ Structure.			
		ProQual Level 2 NVQ Diploma in Demolition (Construction):			
		One of the following endorsements required:			
		Forward tipping dumper wheeled Forward tipping dumper tracked			
Sector subject areas		5.2 Building and Construction			
Availability for use	9	Shared unit			
Unit Credit value		16			
Unit guided learning hours		53			

Title:	Preparing and operating rear tipping dump trucks to receive, transport and discharge materials in the workplace		
Unit Number:	Y/508/6502		
Learning outcomes The learner will be able t	o:		sment criteria arner can:
1 Interpret the given information relating to the preparation and use of rear		1.1	Interpret and extract relevant information from drawings, specifications, schedules, risk assessments and manufacturers' information.
tipping dump truc out transporting a discharging operat	nd	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, and current regulations governing the operation of rear tipping dump trucks.
2 Organise with othe sequence and ope	ration in	2.1	Organise the work according to given information or instructions.
which transporting discharging operat rear tipping dump	tions using	2.2	Describe how to communicate ideas between team members.
to be carried out.		2.3	Organise and communicate with team members and other associated occupations.
		2.4	Describe how to organise resources prior to and during transporting and discharging operations.
relevant legislation guidance when ca transporting and c	relevant legislation and official guidance when carrying out transporting and discharging operations using rear tipping		 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

			-	d operating rear tipping dump trucks to receive, transport and terials in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:				
4 Maintain safe and healthy working practices when preparing for and carrying out transporting and discharging		4.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during transporting and discharging operations.			
•	operations using re dump trucks.	ear tipping	4.2	 Demonstrate compliance with given information and relevant legislation when carrying out transporting and discharging operations using rear tipping dump trucks in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment specific risks to health. 		
			4.3	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to rear tipping dump truck use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
			4.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.		
		4.5	4.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
5	Request and select required quantity a of resources to pre and carry out trans	and quality epare for	5.1	Request and select resources associated with rear tipping dump trucks in relation to consumables, materials, tools, ancillary equipment and/or accessories.		
	discharging operations using rear tipping dump trucks.	5.2	 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and load coverings hand tools, ancillary equipment and accessories. 			

Tit	le:		and operating rear tipping dump trucks to receive, transport and naterials in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:			
5	Continued		5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.	
			5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.	
			5.5	Describe any potential hazards associated with the resources and methods of work.	
			5.6	Describe how to identify weight, quantity, pressure, length and area associated with the method/procedures to carry out transporting and discharging operations.	
6	Minimise the risk of damage to the work and surrounding area when preparing to and transporting and discharging materials.		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
			6.2	Prevent damage and maintain a clean work space.	
			6.3	Dispose of waste in accordance with current legislation.	
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.	
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.	
7	Complete the work within the allocated time when preparing to and transporting and discharging materials using rear tipping dump trucks.		7.1	Demonstrate completion of the work within the allocated time.	
			7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme. 	

Title:		operating rear tipping dump trucks to receive, transport ar erials in the workplace	nd
Learning outcomes The learner will be able to:		Assessment criteria The learner can:	
8 Comply with the given contract information to receive, transport and discharge materials using rear tipping dump trucks to the required specification.		 B.1 Demonstrate the following work skills when preparing transporting and discharging materials using rear tippidump trucks: checking, adjusting, communicating, manoeuvring positioning, receiving, depositing, transporting, discharging and cleaning. 	ing
		8.2 Use and maintain hand tools, ancillary equipment and accessories.	/or
		8.3 Prepare to, position, set up and operate rear tipping d trucks to receive, transport and discharge materials to working instructions.	-
	-	8.4 Shut down and secure rear tipping dump trucks.	
		 B.5 Describe how to apply safe and healthy work practices procedures, report problems and establish authority r to rectify, to: identify the characteristics of the rear tipping dum trucks used for transporting and discharging work carry out function checks to receive and transport identify characteristics, type and volume of loads treceive and transport prepare, set up and adjust for operational requireme carry out pre-operational checks for obstructions, stability, safety and security of the work and surro area recognise and determine when specific skills and knowledge are required and report accordingly B.6 – identify the area for discharging check to avoid damage to structures and utilities s apparatus receive, transport and discharge materials safely a securely be on the public highway shut down and secure the rear tipping dump truck use hand tools, ancillary equipment and accessorie 	needed np loads to ents unding service
		8.7 Describe the needs of other occupations and how to effectively communicate within a team when preparir and carrying out transporting and discharging operations and discharging operations.	-
		8.8 Describe how to maintain the plant and machinery, ha tools and ancillary equipment used for transporting ar discharging operations.	

Title:	Preparing and operating rear tipping dump trucks to receive, transport and discharge materials in the workplace				
Additional inform	ation	about this unit			
Assessment Guidance		This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.			
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.			
		Workplace evidence of skills cannot be simulated.			
		This unit must be assessed against the endorsements detailed within the relevant NVQ Structure.			
		ProQual Level 2 NVQ Diploma in Demolition (Construction):			
		One of the following endorsements required:			
		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			
Sector subject areas		5.2 Building and Construction			
Availability for use	5	Shared unit			
Unit Credit value		30			
Unit guided learning hours		100			

Title:	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace		
Unit Number: T/508/6510			
Learning outcome The learner will be al			s ment criteria arner can:
1 Interpret the given information relating to the preparation and using mast climber-type MEWPs to access		1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information.
areas to carry		1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
			 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing the operation of plant and machinery used as work platforms.
2 Organise with sequence and	operation in	2.1	Organise the work according to given information or instructions.
which accessin using mast clin MEWPs are to		2.2	Describe how to communicate ideas between team members.
			Organise and communicate with team members and other associated occupations.
		2.4	Describe how to organise resources prior to and during accessing operations.
relevant legisla guidance wher accessing oper	3 Know how to comply with relevant legislation and official guidance when carrying out accessing operations using mast climber-type MEWPs.		 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
			Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Title:	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace		S
Learning outcomes The learner will be able to:		Assessment criteria The learner can:	
4 Maintain safe and healthy working practices when preparing for and carrying out accessing operations using		4.1 Use health and safety control equipment safely and with the methods of work to carry out the activity in accordance with legislation and organisational requi- during accessing operations.	
mast climber-type MEWPs.	 4.2 Demonstrate compliance with given information and legislation when carrying out accessing operations us climber-type MEWPs in relation to two or more of th following: safe use and storage of plant or machinery safe use and storage of tools and equipment specific risks to health. 	sing mast	
		 4.3 Explain why and when health and safety control equidentified by the principles of protection, should be a relating to accessing operations, and the types, purp limitations of each type, the work situation and gene environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 	used, ose and
		4.4 Describe how the relevant health and safety control equipment should be used in accordance with the gi working instructions.	ven
		4.5 Describe how emergencies should be responded to i accordance with organisational authorisation and pe skills when involved with fires, spillages, injuries, oth related activities and rescue plans.	rsonal
required quant of resources to	5 Request and select the required quantity and quality of resources to prepare for and carry out accessing operations using mast climber- type MEWPs.	5.1 Request and select resources associated with mast c type MEWPs in relation to consumables, materials, t ancillary equipment and/or accessories.	
operations usi		 5.2 Describe the characteristics, quality, uses, sustainabi limitations and defects associated with the resource how they should be used correctly, relating to: consumables, lubricants and fuels attachments and accessing aids hand tools, ancillary equipment and accessories 	s, and
		5.3 Describe how the resources should be used correctly problems associated with the resources are reported	

Tit	le:	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace		
	Learning outcomes			ssment criteria
The	e learner will be ab	ble to:	The le	earner can:
5 continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.	
			5.5	Describe any potential hazards associated with the resources and methods of work.
			5.6	Describe how to identify weight, quantity, length and area associated with the method/procedures to operate mast climber-type mobile elevating work platforms used for accessing operations.
6	6 Minimise the risk of damage to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	accessing work	aleas.	6.2	Prevent damage and maintain a clean work space.
			6.3	Dispose of waste in accordance with current legislation.
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7	allocated time when preparing	when preparing	7.1	Demonstrate completion of the work within the allocated time.
	to and accessing work areas using mast climber-type MEWPs.		7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.

Titl	le:	Preparing and o (MEWP) in the v	-	ng mast climber-type mobile elevating work platforms ace
Lea	Learning outcomes		Asses	sment criteria
The	e learner will be ab	le to:	The le	arner can:
8 Comply with the given contract information to access areas to carry out work using mast climber-type MEWPs to the required specification.		8.1	 Demonstrate the following work skills when preparing for and accessing work areas using mast climber-type MEWPs: checking, setting up, adjusting, communicating, manoeuvring, positioning, accessing and setting down. 	
	the required sp	ecincation.	8.2	Use and maintain hand tools, ancillary equipment and/or accessories.
			8.3	Prepare for, position, set up and operate mast climber-type MEWPs to access working areas, at various locations, to given working instructions.
			8.4	Shut down and secure mast climber-type MEWPs.
			8.5	 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the mast climber-type MEWP used for accessing work identify valid certification for maintenance, inspection and thorough examination carry out function checks for accessing operation prepare, set up and adjust for operational requirements carry out pre-operational checks for obstructions, stability, and ground conditions affecting the work and surrounding area identify and remain aware of the area of operation to include potential entrapment situations use fall prevention equipment check to avoid damage to structures and utilities service apparatus position and secure MEWP for accessing operations recognise and determine when specific skills and knowledge are required and report accordingly operate, manoeuvre, position, set down and secure operate and travel on the public highway shut down and secure the MEWP use hand tools, ancillary equipment and accessories.
		8.6	Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out accessing operations.	
			8.7	Describe how to maintain the plant and machinery, hand tools, ancillary equipment used to access working areas.

Title:	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace		
Additional inform	ation about thi	s unit	
Assessment Guida	ance	This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.	
Sector subject are	as	5.2 Building and Construction	
Availability for use		Shared unit	
Credit value		12	
Unit guided learning hours		40	

Title:	Preparing and operating crushers to process materials in the workplace		
Unit Number: H/508/6518			
Learning outcomes The learner will be able to	o:		sment criteria arner can:
1 Interpret the given information relating to the preparation and use of		1.1	Interpret and extract relevant information from drawings, specifications, schedules, risk assessments and manufacturers' information.
crushers to proces	s materials.	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, and current regulations governing the operation of crushers for carrying out processing work.
2 Organise with other sequence and oper	ration in	2.1	Organise the work according to given information or instructions.
which processing c using crushers are carried out.		2.2	Describe how to communicate ideas between team members.
			Organise and communicate with team members and other associated occupations.
		2.4	Describe how to organise resources prior to and during processing operations using crushers.
3 Know how to comply with relevant legislation and official guidance when carrying out processing operations using crushers.		3.1	 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Title:	Preparing and operating crushers to process materials in the workplace	
Learning outcomes The learner will be able to:		Assessment criteria The learner can:
4 Maintain safe and healthy working practices when preparing for and carrying out processing operations using		4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during processing operations.
crushers.	crushers.	 4.2 Demonstrate compliance with given information and relevant legislation when carrying out processing_operations using crushers in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment specific risks to health.
		 4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to crusher use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV).
	-	4.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		4.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
5 Request and select required quantity of resources to pr	and quality epare for	5.1 Request and select resources associated with crushers in relation to consumables, materials, tools, ancillary equipment and/or accessories.
and carry out processin operations using crushe	-	 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and processing operational aids hand tools, ancillary equipment and accessories.
	5.3	5.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.
		5.4 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.

Tit	le:	Preparing and operating crushers to process materials in the workplace		rating crushers to process materials in the workplace
Learning outcomes The learner will be able to:			ssment criteria earner can:	
5	5 Continued		5.5	Describe any potential hazards associated with the resources and methods of work.
			5.6	Describe how to calculate quantity, weight, length and area associated with the method/procedures to carry out processing operations using crushers.
6 Minimise the risk of damage to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
	processing materia		6.2	Prevent damage and maintain a clean work space.
			6.3	Dispose of waste in accordance with current legislation.
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7	7 Complete the work within the allocated time when preparing to and processing materials.		7.1	Demonstrate completion of the work within the allocated time.
			7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.

Title:	Preparing and ope	erating crushers to process materials in the workplace
Learning outcomes		ssment criteria
The learner will be able t	o: The l	earner can:
8 Comply with the given contract information to process materials using crushers to the required	on to using	 Demonstrate the following work skills when preparing for and processing materials using crushers: checking, adjusting, communicating, manoeuvring, positioning and processing.
specification.	8.2	Use and maintain hand tools, ancillary equipment and/or accessories.
	8.3	Prepare, set up, and operate crushers to crush and stockpile, or feed additional plant, with a variety of materials to given working instructions.
	8.4	Shut down and secure crushers.
	8.5	 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the crusher used for processing operations carry out function checks for process operations identify the area for the processing work prepare, set up and adjust for operational requirements carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area
	8.6	 recognise and determine when specific skills and knowledge are required and report accordingly carry out the processing work-safely and securely deal with blockages prior to, during and on completion of operations deposit processed materials be on the public highway shut down and secure crusher use hand tools, ancillary equipment and accessories.
	8.7	Describe the needs of other occupations and how to effectively communicate within a team when preparing for and carrying out processing operations.
	8.8	Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to process materials.

Title:	Preparing and o	Preparing and operating crushers to process materials in the workplace		
Additional inform	Additional information about this unit			
Assessment Guidance		This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.		
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.		
		Workplace evidence of skills cannot be simulated.		
Sector subject are	as	05.2 Building and Construction		
Availability for use Unit credit value Unit guided learning hours		Shared unit		
		16		
		53		

Title:	Preparing and operating screeners to process materials in the workplace			
Unit Number: K/508/6519				
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
1 Interpret the given information relating to the preparation and use of		1.1 Interpret and extract relevant information from drawings, specifications, schedules, risk assessments and manufacturers' information.		
screeners to proce materials.	SS	1.2 Comply with information and/or instructions derived from risk assessments and method statements.		
		1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.		
		 1.4 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, and current regulations governing the operation of screeners for carrying out processing work. 		
2 Organise with othe sequence and oper	ration in	2.1 Organise the work according to given information or instructions.		
which processing c using screeners are carried out.	-	2.2 Describe how to communicate ideas between team members.		
		2.3 Organise and communicate with team members and other associated occupations.		
		2.4 Describe how to organise resources prior to and during processing operations using screeners.		
3 Know how to comply with relevant legislation and official guidance when carrying out processing operations using screeners.		 3.1 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. 		
		3.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.		
		3.3 Explain what the accident reporting procedures are and who is responsible for making reports.		

Title:	itle: Preparing and operating screeners to process materials in the workplace			
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
4 Maintain safe and healthy working practices when preparing for and carrying out processing operations using		4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during processing operations.		
screeners.		 4.2 Demonstrate compliance with given information and relevant legislation when carrying out processing_operations using screeners in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment specific risks to health. 		
		 4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to screener use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
		4.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.		
		4.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
5 Request and selec required quantity of resources to pro	and quality epare for	5.1 Request and select resources associated with screeners in relation to consumables, materials, tools, ancillary equipment and/or accessories.		
and carry out proces operations using scre	•	 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and processing operational aids hand tools, ancillary equipment and accessories. 		
	5.3	5.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.		
		5.4 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		

Tit	le:	Preparing an	reparing and operating screeners to process materials in the workplace	
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
5 Continued		5.5	Describe any potential hazards associated with the resources and methods of work.	
		5.6	Describe how to calculate quantity, weight, length and area associated with the method/procedures to carry out processing operations using screeners.	
6 Minimise the risk of damage to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
	processing materials.		6.2	Prevent damage and maintain a clean work space.
			6.3	Dispose of waste in accordance with current legislation.
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7	7 Complete the work within the allocated time when preparing to and processing materials.		7.1	Demonstrate completion of the work within the allocated time.
			7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.

Title:	Preparing and ope	rating screeners to process materials in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
8 Comply with the give contract information process materials usin screeners to the requ	n to sing	 Demonstrate the following work skills when preparing for and processing materials using screeners: checking, adjusting, communicating, manoeuvring, positioning (where relevant) and processing. 		
specification.	8.2	Use and maintain hand tools, ancillary equipment and/or accessories.		
	8.3	Prepare, set up, position (where relevant) and operate screeners to screen, grade and stockpile, a variety of materials to given working instructions.		
	8.4	Shut down and secure screeners.		
	8.5	 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the screeners used for processing operations carry out function checks for process operations identify the area for the processing work prepare, set up and adjust for operational requirements carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area 		
	8.6	 recognise and determine when specific skills and knowledge are required and report accordingly carry out the processing work-safely and securely deal with blockages prior to, during and on completion of operations deposit processed materials be on the public highway shut down and secure screeners use hand tools, ancillary equipment and accessories. 		
	8.7	Describe the needs of other occupations and how to effectively communicate within a team when preparing for and carrying out processing operations.		
	8.8	Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to process materials.		

Title:	Preparing and operating screeners to process materials in the workplace		
Additional inform	ation about this	unit	
Assessment Guidance		This unit must be assessed in a work environment and in accordance the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.	
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.	
		Workplace evidence of skills cannot be simulated.	
Sector subject areas Availability for use Unit credit value Unit guided learning hours		05.2 Building and Construction	
		Shared unit	
		12	
		40	

Title:	Preparing and operating batching plant to process materials in the workplace			
Unit Number: K/508/6522				
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
1 Interpret the given information relating to the preparation and use of		1.1 Interpret and extract relevant information from drawings, specifications, schedules, risk assessments and manufacturers' information.		
batching plant to p materials.	process	1.2 Comply with information and/or instructions derived from risk assessments and method statements.		
		1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.		
		 1.4 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, and current regulations governing the operation of batching plant for carrying out processing work. 		
2 Organise with other sequence and operations of the sequence	ration in	2.1 Organise the work according to given information or instructions.		
which processing c using batching plar carried out.	•	2.2 Describe how to communicate ideas between team members.		
		2.3 Organise and communicate with team members and other associated occupations.		
		2.4 Describe how to organise resources prior to and during processing operations using batching plant.		
3 Know how to comply with relevant legislation and official guidance when carrying out processing operations using batching plant.		 3.1 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. 		
		3.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.		
		3.3 Explain what the accident reporting procedures are and who is responsible for making reports.		

Title:	Preparing ar	ng and operating batching plant to process materials in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
4 Maintain safe and healthy working practices when preparing for and carrying out processing operations using		4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during processing operations.		
batching plant.		 4.2 Demonstrate compliance with given information and relevant legislation when carrying out processing_operations using batching plant in relation to two or more of the following: safe use and storage of plant or machinery safe use and storage of tools and equipment specific risks to health. 		
		 4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to batching plant use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 		
		4.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.		
		4.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.		
5 Request and selec required quantity of resources to pre	and quality epare for	5.1 Request and select resources associated with batching plant in relation to consumables, materials, tools, ancillary equipment and/or accessories.		
and carry out processing operations using batching plant.	-	 5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: consumables, lubricants and fuels attachments and processing operational aids hand tools, ancillary equipment and accessories. 		
	5.3 5.4	5.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.		
		5.4 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.		

Tit	le:	Preparing an	paring and operating batching plant to process materials in the workplace	
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
5 Continued		5.5	Describe any potential hazards associated with the resources and methods of work.	
		5.6	Describe how to calculate quantity, weight, length and area associated with the method/procedures to carry out processing operations using batching plant.	
6 Minimise the risk of damage to the work and surrounding area when preparing to and		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.	
	processing materials.		6.2	Prevent damage and maintain a clean work space.
			6.3	Dispose of waste in accordance with current legislation.
			6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7	7 Complete the work within the allocated time when preparing to and processing materials.		7.1	Demonstrate completion of the work within the allocated time.
			7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.

Title:	Preparing an	nd operating batching plant to process materials in the workplace		
Learning outcomes		Assessment criteria		
The learner will be able to:		The learner can:		
8 Comply with the given contract information to process materials using batching plant to the required	on to Jsing	 8.1 Demonstrate the following work skills when preparing for and processing materials using batching plant: checking, adjusting, communicating, manoeuvring, positioning (where relevant) and processing. 		
specification.		8.2 Use and maintain hand tools, ancillary equipment and/or accessories.		
		8.3 Prepare, set up, position (where relevant) and operate batching plant to process materials to given working instructions.		
		8.4 Shut down and secure batching plant.		
		 8.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: identify the characteristics of the batching plant used for processing operations carry out function checks for process operations identify the area for the processing work prepare, set up and adjust for operational requirements carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area 		
		 8.6 - recognise and determine when specific skills and knowledge are required and report accordingly - carry out the processing work-safely and securely - deal with blockages prior to, during and on completion of operations - deposit processed materials - be on the public highway - shut down and secure batching plant - use hand tools, ancillary equipment and accessories. 		
		8.7 Describe the needs of other occupations and how to effectively communicate within a team when preparing for and carrying out processing operations.		
		8.8 Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to process materials.		

Title:	Preparing and operating batching plant to process materials in the workplace		
Additional inform	ation about this	unit	
Assessment Guidance		This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.	
		Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.	
		Workplace evidence of skills cannot be simulated.	
Sector subject are	as	05.2 Building and Construction	
Availability for use		Shared unit	
Unit credit value		12	
Unit guided learning hours		40	

Title:	Erecting and dismantling plant (cranes and rigs) in the workplace		
Unit Number:	F/508/6588		
Learning outcomes The learner will be able to:			arner can:
1 Interpret the given information relating to erecting and dismantling		1.1	Interpret and extract relevant information from drawings, specifications, schedules, risk assessments and manufacturers' information.
plant.		1.2	Comply with information and/or instructions derived from risk assessments and method statements.
		1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4	 Describe different types of information, their source and how they are interpreted in relation to: drawings, specifications, schedules, method statements, risk assessments and manufacturers' information.
2 Organise with oth sequence and ope	eration in	2.1	Organise the work according to given information or instructions.
which erecting an dismantling opera be carried out.		2.2	Describe how to communicate ideas between team members.
		2.3	Organise and communicate with team members and other associated occupations.
		2.4	Describe how to organise resources prior to and during erecting and dismantling operations.
3 Know how to comply with relevant legislation and official guidance when erecting and dismantling plant.		3.1	 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.

Tit	le:	Erecting and	recting and dismantling plant (cranes and rigs) in the workplace		
Learning outcomes The learner will be able to:		o:	Assessment criteria The learner can:		
4 Maintain safe and healthy working practices when carrying out erecting and dismantling of plant.		4.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements during erecting and dismantling operations.		
			4.2	 Demonstrate compliance with given information and relevant legislation when carrying out erecting and dismantling of plant in relation to two or more of the following: safe use and storage of plant safe use and storage of tools and equipment safe use of access equipment specific risks to health. 	
			4.3	 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to erecting and dismantling plant, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: collective protective measures personal protective equipment (PPE) respiratory protective equipment (RPE) local exhaust ventilation (LEV). 	
		-	4.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.	
		-	4.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.	
5	of resources to car	l quantity and quality rces to carry out	5.1	Request and select resources associated with the work in relation to consumables, materials, attachments, tools, and ancillary equipment.	
	erecting and dismantling of plant.	anuing of	5.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: – plant – hand and/or powered tools and equipment.	
			5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.	

Title: Erecting and		l dismantling plant (cranes and rigs) in the workplace		
Learning outcomes The learner will be able to:		Assessment criteria The learner can:		
5 Continued		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.	
		5.5	Describe any potential hazards associated with the resources and methods of work.	
		5.6	Describe how to identify weight, pressure, quantity, length and area associated with the method/procedures to carry out the work.	
6	Minimise the risk of damage to the work and surrounding area when erecting and dismantling plant.		6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
			6.2	Prevent damage and maintain a clean work space.
				Dispose of waste in accordance with current legislation.
		6	6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
			6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7	Complete the work within the allocated time when erecting and dismantling plant.		7.1	Demonstrate completion of the work within the allocated time.
			7.2	 Describe the purpose of the work programme and describe why deadlines should be kept in relation to: types of progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.

Title:	Erecting and di	ismantling plant (cranes and rigs) in the workplace	
Learning outcomes The learner will be able to:		Assessment criteria The learner can:	
8 Comply with the g contract informati and dismantle plan required specificat	iven 8 on to erect nt to the	 B.1 Demonstrate the following work skills when erecting and dismantling plant: unloading, loading, siting, measuring, marking out, laying out, aligning, fitting, positioning, connecting, configuring, dismantling, removing, adjusting, securing, checking and inspecting. 	
	8	3.2 Use and maintain hand tools, portable power tools, ancillary equipment and machinery.	
	8.	 B.3 Prepare, erect and dismantle plant to given working instructions of one or more of the following: mobile crane mobile tower crane crawler crane self-erect equipment drilling rig piling rig. 	
	8	 B.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: erect and dismantle one or more of the following: mobile crane, mobile tower crane, crawler crane, self-erect equipment, drilling rig, piling rig and demolition rig consider ground conditions and work area fit, fasten and secure equipment dismantle and remove equipment recognise the requirements for controlling, directing and guiding the movement and operations of plant and machinery 	
	8.5 8.6 8.7	 identify valid certification for maintenance inspection 	
		3.6 Describe the needs of other occupations and how to effectively communicate within a team when preparing for and erecting and dismantling plant.	
		B.7 Describe how to maintain the hand tools, portable power tools, plant and ancillary equipment used to erect and dismantle plant.	

Title:	Erecting and dismantling plant (cranes and rigs) in the workplace					
Additional information about this unit						
Additional Information ab		This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated. This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. <u>ProQual Level 2 NVQ Diploma in Demolition (Construction):</u>				
		One of the following endorsements required: Mobile crane Crawler crane Mobile tower crane Self-erect equipment Piling rig Demolition rig Drilling rig				
Sector subject are	a	5.2 Building and Construction				
Availability for use	5	Shared unit				
Unit credit value Unit guided learning hours		36				
		130				



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