



ProQual Level 3 NVQ Diploma in Demolition (Construction)

Qualification Specification

Contents

	Page
Introduction	3
Qualification profile	3
Qualification structure	4
Pathway 1 Demolition (Top Man) Operative	4
Pathway 2 Demolition Chargehand	6
Pathway 3 Demolition Plant	8
Centre requirements	9
Support for candidates	9
Links to National Standards / NOS mapping	9
Assessment	10
Internal quality assurance	10
Adjustments to assessment	11
Results enquiries and appeals	11
Certification	11
Units - learning outcomes and assessment criteria	12

Introduction

The ProQual Level 3 NVQ Diploma in Demolition (Construction) qualification provides a nationally recognised qualification for those working in this specialised area of construction. There are 3 specialised pathways:

Pathway 1 – Demolition (Top Man) Operative

Pathway 2 – Demolition Chargehand

Pathway 3 – Demolition Plant

The awarding body for this qualification is ProQual Awarding Body (www.proqualab.com) 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 replaces 603/2881/2 ProQual Level 2 NVQ Diploma in Demolition (Construction), following an industry review, and has been accredited onto the Regulated Qualifications Framework (RQF) and is published on Ofqual's Register of Qualifications.

Qualification Profile Level 3 NVQ Diploma in Demolition (Construction)

Qualification title	ProQual Level 3 NVQ Diploma in Demolition (Construction)
Ofqual qualification number	603/7846/3
Level	3
Total Qualification Time	1310 hours (502 GLH)
Assessment	Pass or fail Internally assessed and verified by centre staff External quality assurance by ProQual verifiers
Qualification start date	6/9/2021
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 the required Mandatory and Optional units from one of the pathways.

CITB references are provided in this document for information only.

Pathway 1 – Demolition (Top Man) Operative

Candidates must complete SEVEN Mandatory units plus THREE Optional units.

Mandatory Units			<i>CITB references provided for information only</i>
Unit Ref.	Title	Level	<i>CITB Internal Unit Ref.</i>
J/618/8484	Removing and segregating components and materials in demolition and/or refurbishment in the workplace	2	154v3
A/503/2772	Confirming work activities and resources for an occupational work area in the workplace	3	209v2
T/618/8495	Developing and maintaining good occupational working relationships in the workplace	5	210v3
R/503/2924	Confirming the occupational method of work in the workplace	3	211v2
A/618/8486	Implementing and maintaining health, safety, environmental and welfare practices in the workplace	3	212v3
F/618/8497	Co-ordinating and confirming the dimensional control requirements of the work in the workplace	3	218v3
J/618/8498	Installing, constructing, maintaining, dismantling and removing temporary works in the workplace Unit Endorsements: <i>Four of the following required:</i> <i>Protective screen, hoardings and covers</i> <i>Access and egress routes</i> <i>Supports</i> <i>Supporting structures</i> <i>Removal equipment</i> <i>Diverting equipment</i> <i>Site facilities</i> <i>Stabilisation</i>	2	763v1

Optional Units – THREE units required			<i>CITB reference provided for information only</i>
Unit Ref.	Title	Level	<i>CITB Internal Unit Ref.</i>
L/618/8485	Dismantling and/or demolishing masonry and/or concrete structures in the workplace	2	<i>155v3</i>
R/618/8486	Dismantling and/or demolishing roofs and/or cladding in the workplace	2	<i>156v3</i>
Y/618/8487	Dismantling and/or demolishing timber structures in the workplace	2	<i>157v3</i>
D/618/8488	Dismantling and/or demolishing metal structures in the workplace	3	<i>158v3</i>

Pathway 2 : Demolition Chargehand

Candidates must complete NINE Mandatory units, plus ONE Optional unit.

Mandatory Units – complete ALL units			<i>CITB reference provided for information only</i>
Unit Ref.	Title	Level	<i>CITB Internal Unit Ref.</i>
J/618/8484	Removing and segregating components and materials in demolition and/or refurbishment in the workplace	2	154v3
A/503/2772	Confirming work activities and resources for an occupational work area in the workplace	3	209v2
T/618/8495	Developing and maintaining good occupational working relationships in the workplace	3	210v3
R/503/2924	Confirming the occupational method of work in the workplace	3	211v2
A/618/8489	Implementing and maintaining health, safety, environmental and welfare practices in the workplace	3	212v3
L/618/8504	Co-ordinating and organising work operations in the workplace	3	213v3
Y/618/8506	Monitoring progress of work against schedules in the workplace	3	215v3
R/508/6532	Controlling, directing and guiding the operation of plant or machinery in the workplace Unit Endorsement: <i>the following guide required:</i> <i>Operations guide banksman</i>	2	760v1
J/618/8498	Installing, constructing, maintaining, dismantling and removing temporary works in the workplace Unit Endorsements: Four of the following required: <i>Protective screen, hoardings and covers</i> <i>Access and egress routes</i> <i>Supports</i> <i>Supporting structures</i> <i>Removal equipment</i> <i>Diverting equipment</i> <i>Site facilities</i> <i>Stabilisation</i>	2	763v1

Optional Units – ONE unit required			<i>CITB reference provided for information only</i>
Unit Ref.	Title	Level	<i>CITB Internal Unit Ref.</i>
L/618/8485	Dismantling and/or demolishing masonry and/or concrete structures in the workplace	2	<i>155v3</i>
R/618/8486	Dismantling and/or demolishing roofs and/or cladding in the workplace	2	<i>156v3</i>
Y/618/8487	Dismantling and/or demolishing timber structures in the workplace	2	<i>157v3</i>
D/618/8488	Dismantling and/or demolishing metal structures in the workplace	2	<i>158v3</i>

Pathway 3 : Demolition Plant

Candidates must complete FIVE Mandatory units plus ONE Optional Unit.

Mandatory Units – complete ALL units			<i>CITB reference provided for information only</i>
Unit Ref.	Title	Level	<i>CITB Internal Unit Ref.</i>
A/503/2772	Confirming work activities and resources for an occupational work area in the workplace	3	209v2
T/618/8495	Developing and maintaining good occupational working relationships in the workplace	3	210v3
R/503/2924	Confirming the occupational method of work in the workplace	3	211v2
A/618/8496	Implementing and maintaining health, safety, environmental and welfare practices in the workplace	3	212v3
Y/618/8506	Monitoring progress of work against schedules in the workplace	3	215v3
Optional Units – ONE unit required			<i>CITB reference provided for information only</i>
Unit Ref.	Title	Level	<i>CITB Internal Unit Ref.</i>
L/618/8499	Operating plant or machinery to dismantle and/or demolish structures above 30 metres in the workplace	3	385Av3
T/618/8500	Operating plant or machinery to dismantle and/or demolish structures up to 30 metres in the workplace	3	385Bv3

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 12.

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 -

ProQual Level 3 NVQ Diploma in Demolition (Construction)

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.

Units – Learning Outcomes and Assessment Criteria

Title:	Removing and segregating components and materials in demolition and/or refurbishment in the workplace	
Unit Number:	J/618/8484	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when removing and segregating components and materials in demolition and/or refurbishment.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments, permits to work, manufacturers' information and organisational requirements.
	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: <ul style="list-style-type: none"> – drawings, specifications, schedules, method statements, risk assessments, permits to work, site inductions, tool box talks, manufacturers' information, electronic data, current regulations and official guidance associated with removal and segregation of components and materials in demolition and refurbishment.
2 Know how to comply with relevant legislation and official guidance when removing and segregating components and materials in demolition and/or refurbishment.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to project, site, workplace, company, operative, vehicle, tools and plant.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
	2.4	Describe the types of fire extinguishers available when removing and segregating components and materials in demolition and refurbishment and describe how and when they are used: <ul style="list-style-type: none"> – water, CO₂, foam and powder.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
<p>3 Maintain safe and healthy working practices when removing and segregating components and materials in demolition and/or refurbishment.</p>	<p>3.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when removing and segregating components and materials in demolition and/or refurbishment.</p>
	<p>3.2 Demonstrate compliance with given information and relevant legislation when removing and segregating components and materials in demolition and/or refurbishment in relation to the following:</p> <ul style="list-style-type: none"> – safe use of access equipment – safe use, segregation, storage and handling of components, materials, tools and equipment – specific risks to health.
	<p>3.3 Explain why and when health and safety control equipment, identified by the principles of prevention should be used, relating to removing and segregating components and materials in demolition and refurbishment, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
	<p>3.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.</p>
	<p>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.</p>
<p>4 Select the required quantity and quality of resources for the methods of work to remove and segregate components and materials in demolition and/or refurbishment.</p>	<p>4.1 Select resources associated with own work in relation to materials and components, demolition tools, equipment and consumables, waste and/or recycling containers.</p>
	<p>4.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to:</p> <ul style="list-style-type: none"> – demolition tools, equipment and consumables – waste and recycling containers.
	<p>4.3 Describe how to confirm that the resources and materials conform to the specification.</p>

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
4 Continued	4.4 Describe how the resources should be used correctly and how problems associated with the resources are reported.
	4.5 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
	4.6 Describe any potential hazards associated with the resources and methods of work.
	4.7 Describe how to calculate quantity, length, area and wastage associated with the method and procedure to remove, segregate, recycle and recover components and materials in demolition and refurbishment.
5 Minimise the risk of damage to the work and surrounding area when removing and segregating components and materials in demolition and/or refurbishment.	5.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	5.2 Maintain a clear and tidy work space.
	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 relating to segregation, recycling and recovery procedures.
6 Complete the work within the allocated time when removing and segregating components and materials in demolition and/or refurbishment.	6.1 Demonstrate completion of the work within the allocated time.
	6.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – types of productivity targets and timescales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
<p>7 Comply with the given contract information to remove and segregate components and materials in demolition and/or refurbishment to the required specification.</p>	<p>7.1 Demonstrate the following work skills when removing and segregating components and materials in demolition and/or refurbishment:</p> <ul style="list-style-type: none"> – disconnecting, dismantling, segregating and removing.
	<p>7.2 Use and maintain demolition tools, equipment and consumables.</p>
	<p>7.3 Maintain established exclusion zones, remove and segregate components and materials for disposal and/or recycling and/or recovery to given working instructions.</p>
	<p>7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> – remove and segregate components and materials for recycling, recovery and disposal – store, protect and secure removed materials and components – provide information for Building Information Modelling (BIM) – recognise and determine when specialist skills and knowledge are required and report accordingly – determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance – work with, around and in close proximity to plant and machinery – direct and guide the operations and movement of plant and machinery – maintain established exclusion zones and designated areas – use demolition tools, equipment and consumables – work at height – use access equipment.
	<p>7.5 Describe the needs of other occupations and how to communicate effectively within a team when removing and segregating components and materials in demolition and refurbishment.</p>
	<p>7.6 Describe how to check and maintain demolition tools, equipment and consumables used to remove and segregate components and materials in demolition and refurbishment.</p>

Units – Learning Outcomes and Assessment Criteria

Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Area	05.2 Building and Construction
Unit guided learning hours	80
Assessment	10

Units – Learning Outcomes and Assessment Criteria

Title:	Confirming work activities and resources for an occupational work area in the workplace	
Unit Number:	A/503/2772	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Identify work activities, assess required resources and plan the sequence of work.	1.1	Identify work activities, assess required resources and plan the sequence of work.
	1.2	Identify work activities and formulate a plan for their own sequence of work.
	1.3	Explain the types of work relative to the occupational area and how to identify different work activities.
	1.4	Explain methods of assessing the resources needed from a range of available information.
	1.5	Explain the required information and the different methods used to prepare a work programme relative to the occupational area.
2 Obtain clarification and advice where the resources required are not available.	2.1	Seek advice and clarity from appropriate sources on resources available and the alternatives that can be used for the work when required resources are not available.
	2.2	Explain the different sources and methods that can be used to obtain clarification and advice when the required resources are not available.
3 Evaluate the work activities and the requirements of any significant external factors against the project requirements.	3.1	Assess progress of work against project requirements, taking into account external factors relating to: <ul style="list-style-type: none"> – other occupations and /or customers – resources – weather conditions – health and safety requirements.
	3.2	Explain different methods of evaluating work activities against the following project requirements: <ul style="list-style-type: none"> – contract conditions – contract programme – health and safety requirements of operatives.
	3.3	Evaluate the requirements of significant external factors that could affect the progress of work, in relation to: <ul style="list-style-type: none"> – other related programmes – special working conditions – weather conditions – other occupations/people – resources – health and safety requirements.

Units – Learning Outcomes and Assessment Criteria

Title:	Confirming work activities and resources for an occupational work area in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
4 Identify work activities which influence each other and make the best use of the resources available.	4.1	Determine work activities that have an influence on each other.
	4.2	Evaluate which work activities make the best use of available resources in relation to: <ul style="list-style-type: none"> – occupations and/or customers associated with the work – tools, plant and/or ancillary equipment – materials and components.
	4.3	Explain different methods and sources that can identify which work activities influence each other.
	4.4	Describe how to determine the sequence of work activities and how long each work activity will take.
	4.5	Describe what zero and low carbon requirements are.
	4.6	Explain how work activities and different ways of using resources can impact on zero and low carbon requirements, and make a positive contribution to the environment.
5 Identify changed circumstances that require alterations to the work programme and justify them to decision makers.	5.1	Evaluate project progress against the work programme to identify any changed circumstances.
	5.2	Inform line management and/or customers on the type and extent of any required changes to the work programme.
	5.3	Explain how to identify possible alterations to the work programme to meet changed circumstances relating to action lists, method statements, duration, schedules and/or occupation specific requirements.
	5.4	Explain how to assess contractual/work effects resulting from alterations to the work programme.
	5.5	Explain the methods used to justify to decision makers on the effects resulting from alterations to the work programme.

Units – Learning Outcomes and Assessment Criteria

Title:	Confirming work activities and resources for an occupational work area in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Subject Sector Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	33

Units – Learning Outcomes and Assessment Criteria

Title:	Developing and maintaining good occupational working relationships in the workplace	
Unit Number:	T/618/8495	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Develop, maintain and encourage working relationships to promote good will and trust.	1.1	Give appropriate advice and information to relevant people about the occupational work activities and/or associated occupations involved.
	1.2	Apply the principles of equality and diversity by considering the needs of individuals when working and communicating with others.
	1.3	Explain the methods and techniques used and personal attributes required to encourage and maintain working relationships that promote goodwill and trust with relevant people.
	1.4	Explain the principles of equality and diversity and how to apply them when working and communicating with others.
2 Inform relevant people about work activities in an appropriate level of detail, with the appropriate level of urgency.	2.1	Communicate on the following work activity information to relevant people following organisational procedures: <ul style="list-style-type: none"> – appropriate timescales – health and safety requirements – co-ordination of work procedures.
	2.2	Explain the different methods and techniques used to inform relevant people about work activities.
	2.3	Explain the effects of not informing relevant people with the expected level of urgency.
	2.4	Explain the different types of work activity related information and to what level of detail the following people would expect to receive: <ul style="list-style-type: none"> – colleagues – employers – customers – contractors – suppliers of products and services – other people affected by the work/project.

Units – Learning Outcomes and Assessment Criteria

Title:	Developing and maintaining good occupational working relationships in the workplace	
Learning outcomes	Assessment criteria	
<i>The learner will be able to:</i>	<i>The learner can:</i>	
3 Offer advice and help to relevant people about work activities and encourage questions/requests for clarification and comments.	3.1	Give appropriate advice and information to relevant people about the different methods of carrying out occupational work activities to achieve the required outcome.
	3.2	Explain the techniques of encouraging questions and/or requests for clarification and comments.
	3.3	Explain the different ways of offering advice and help to different people about work activities, in relation to: <ul style="list-style-type: none"> – progress – results – achievements – occupational problems – occupational opportunities – health and safety requirements – co-ordinated work.
4 Clarify proposals with relevant people and discuss alternative suggestions.	4.1	Engage regular discussions with relevant people about the occupational work activity and/or other occupations involved.
	4.2	Explain the methods of clarifying alternative proposals with relevant people.
	4.3	Explain the methods of suggesting alternative proposals.
5 Resolve differences of opinion in ways that minimise offence and maintain goodwill, trust and respect.	5.1	Examine and agree the work activities that satisfy all people involved and will meet the required outcome of the proposed method of work.
	5.2	Explain the methods and techniques used to resolve differences of opinion in ways which minimise offence and maintain goodwill, trust and respect.

Units – Learning Outcomes and Assessment Criteria

Title:	Developing and maintaining good occupational working relationships in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	27

Units – Learning Outcomes and Assessment Criteria

Title:	Confirming the occupational method of work in the workplace	
Unit Number:	R/503/2924	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Assess available project data accurately to determine the occupational method of work.	1.1	Interpret and extract information from drawings, specifications, schedules, manufacturer's information, methods of work, risk assessments and programmes of work.
	1.2	Explain how to summarise the following project data: <ul style="list-style-type: none"> – required quantities – specifications – detailed drawings – health and safety requirements – timescales – scope of works.
	1.3	Explain the different methods of assessing available project data.
	1.4	Explain how to use project data to interpret the work method, In relation to: <ul style="list-style-type: none"> – standard work procedures – sequence of work – organisation of resources (people, equipment, materials) – work techniques – working conditions (health, safety and welfare) – risk assessment.
2 Obtain additional information from alternative sources in cases where the available project data is insufficient.	2.1	Collect and collate additional information from alternative sources to clarify the work to be carried out.
	2.3	Explain different methods and techniques of obtaining additional information from the following alternative sources when available project data is insufficient: <ul style="list-style-type: none"> – customers or representatives – suppliers – regulatory authorities – manufacturer’s literature.

Units – Learning Outcomes and Assessment Criteria

Title:	Confirming the occupational method of work in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
3 Identify work methods that will make best use of resources and meet project, statutory and contractual requirements.	3.1	Examine potential work methods to carry out the occupational work activity.
	3.2	Determine which work methods will make best use of relevant resources and meet health and safety requirements relating to technical and/or project criteria.
	3.3	Explain how to identify work methods that make best use of resources and meet project, statutory and contractual requirements against technical criteria, in relation to: <ul style="list-style-type: none"> – health and safety welfare (principles of protection) – fire protection – access and egress – equipment availability – availability of competent workforce – pollution risk – waste and disposal – zero and low carbon outcomes – weather conditions.
	3.4	Explain how to identify work methods that make best use of resources and meet project, statutory and contractual requirements against project criteria, in relation to: <ul style="list-style-type: none"> – conforming to statutory requirements – customer and user needs – contract requirements in terms of time, quantity and quality – environmental considerations.
	3.5	Explain how different methods of work can achieve zero/low carbon outcomes.
4 Confirm and communicate the selected work method to relevant personnel.	4.1	Confirm the selected occupational work method that meets project, statutory and contractual requirements.
	4.2	Communicate appropriately to relevant people on the selected occupational work method.
	4.3	Describe the different techniques and methods of confirming and communicating work methods to relevant people.
	4.4	Explain the principles of equality and diversity and how to apply them when working and communicating with others.

Units – Learning Outcomes and Assessment Criteria

Title:	Confirming the occupational method of work in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	37

Units – Learning Outcomes and Assessment Criteria

Title:	Implementing and maintaining health, safety, environmental and welfare practices in the workplace	
Unit Number:	A/618/8496	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Allocate and maintain health, safety, environmental and welfare equipment and resources to meet project and statutory requirements.	1.1	Make arrangements for health, safety, environmental and welfare practices in the relevant operational work environment.
	1.2	Allocate responsibilities for maintaining health, safety, environmental and welfare equipment and resources to relevant people.
	1.3	Check and maintain statutory notices and hazard warnings.
	1.4	Allocate appropriate health, safety, environmental and welfare equipment and resources relative to the operational work environment.
	1.5	Explain the methods of identifying and allocating health, safety, environmental and welfare equipment and resources, relating to: <ul style="list-style-type: none"> – protective clothing – protective equipment – first-aid facilities and arrangements – welfare facilities – storage and security of materials and equipment – fire-fighting equipment – statutory notices – hazard warning signs
2 Encourage a positive culture of health, safety, environmental and welfare practices and identify opportunities for improving the health and safety of the work environment through engagement with the workforce.	2.1	Deliver work briefings to relevant people within the operational work environment to promote and encourage a positive health, safety, environmental and welfare culture.
	2.2	Encourage two-way dialogue with other people and seek feedback for opportunities to improve the health and safety of the work environment.
	2.3	Lead by example by demonstrating exemplar health, safety, environmental and welfare practices within the operational environment.
	2.4	Implement the organisational requirements to monitor and maintain accident and incident reporting including near misses.
	2.5	Seek competent advice before implementing improvements to health and safety work practices.

Units – Learning Outcomes and Assessment Criteria

Title:	Implementing and maintaining health, safety, environmental and welfare practices in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
2 continued	2.6	Explain how to identify different opportunities for improving workplace health, safety, environmental and welfare practices.
	2.7	Explain how to recommend opportunities for improving workplace health, safety, environmental and welfare practices.
	2.8	Explain methods and techniques of promoting and encouraging a positive culture of health, safety, environmental and welfare practices in the workplace.
	2.9	Explain how to deliver work briefings in ways that seek and encourage feedback.
	2.10	Explain how to identify any health, safety, environmental and welfare training requirements to improve the health and safety of the work environment.
	2.11	Explain who and where to seek competent advice from before implementing improvements to health and safety work practices.
	2.12	Explain how to monitor and maintain organisational requirements for recording and reporting accidents and incidents including near misses.
	2.13	Explain the different ways of checking and monitoring correct authorisation of the following people whilst in the workplace: <ul style="list-style-type: none"> - workforce - suppliers - visitors - customers - members of the public.
3 Ensure that their team is inducted and check that they are suitably competent and monitored whilst at the workplace.	3.1	Use appropriate methods to confirm that the team are properly inducted and given regular health and safety updates.
	3.2	Use appropriate methods and techniques to communicate and report any team performance issues.

Units – Learning Outcomes and Assessment Criteria

Title:	Implementing and maintaining health, safety, environmental and welfare practices in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
3 continued	3.3	Explain the organisational methods and procedures for carrying out inductions that confirm: <ul style="list-style-type: none"> - health and safety responsibilities - methods of work - workplace operations - health, safety and welfare equipment and resources - risk control procedures - first-aid arrangements.
	3.4	Explain the different ways of checking and monitoring the workforce's competence specific to the work requirements.
	3.5	Explain the different techniques and methods of communicating and reporting any team performance issues.
4 Monitor and review health, safety, environmental and welfare practices and safe systems of work in the relevant work environment in accordance with current organisational and statutory requirements.	4.1	Monitor, observe and record the implementation and maintenance of health, safety, environmental and welfare practices within the operational work environment in accordance with current legislation, workplace regulations, Codes of Practice and official guidance.
	4.2	Review the safe systems of work to identify and eliminate hazards or mitigate risks in accordance with current organisational requirements and legislation, and feedback results.
	4.3	Ensure compliance with the safe systems of work in accordance with current organisational requirements and legislation.
	4.4	Instigate, record and report actions to deal with any changing circumstances within the operational work environment in order to maintain the required health, safety, environmental and welfare practices.
	4.5	Explain the methods and techniques used to regularly check health, safety, environmental and welfare practices in accordance with the following statutory requirements: <ul style="list-style-type: none"> - current organisational health, safety, environmental and welfare policies, procedures and regulations - current general health, safety, environmental and welfare legislation - approved Codes of Practice - statutory notices - hazard warnings - safety signs.

Units – Learning Outcomes and Assessment Criteria

Title:	Implementing and maintaining health, safety, environmental and welfare practices in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
4 continued	4.6	Explain the reasons for regularly checking the health safety, environmental and welfare practices relevant to the operational working environment.
	4.7	Explain the organisational requirements to ensure compliance with safe systems of work.
	4.8	Explain how to review the safe systems of work by carrying out systematic examinations of work processes to eliminate hazards or mitigate risks in accordance with current organisational policies, procedures and legislation and feedback results.
	4.9	Explain how to identify any special workplace conditions and examples which do not comply with regulations.
	4.10	Describe the different methods of recording special workplace conditions and examples which do not comply with regulations.

Units – Learning Outcomes and Assessment Criteria

Title:	Implementing and maintaining health, safety, environmental and welfare practices in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Area	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	40
Assessment hours	20

Units – Learning Outcomes and Assessment Criteria

Title:	Co-ordinating and organising work operations in the workplace	
Unit Number:	L/618/8505	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Provide information as required, to all the people who will be affected by the work.	1.1	Provide information, as authorised, relating to the work to be carried out in regard to: <ul style="list-style-type: none"> – scope of work – start date – how long it will take – expected completion date – any associated hazards.
	1.2	Define own levels of authorisation when providing information regarding the scope and timescales of the project.
	1.3	Explain the different methods of informing the people affected by the work arrangements including all third parties and stakeholders.
	1.4	List the types of people, internal and external to the project, who could be affected by work.
	1.5	Describe the consequences of providing inadequate information to those affected by the work
2 Agree the planned timescales and methods of work with the workforce.	2.1	Discuss and confirm work programmes and methods of work relevant to project requirements with the workforce.
	2.2	Explain different methods and techniques of agreeing programmes, methods of work and dynamic risk assessments with the workforce, in accordance with the method statement.
3 Implement the agreed methods of communicating, reporting, recording and retrieving information.	3.1	Apply and use an organisational communication system to record and report project information.
	3.2	Retrieve project information following organisational procedures.
	3.3	Describe the different ways of reporting, recording and retrieving information.
	3.4	Explain how to monitor the systems used for communication, reporting, recording and retrieving project information to ensure they remain effective.

Units – Learning Outcomes and Assessment Criteria

Title:	Co-ordinating and organising work operations in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
4 Identify any breakdowns in communication and take action to restore effective communication	4.1	Determine, record and report any breakdowns of communication in various projects.
	4.2	Apply methods that restore communication and which follow the approved organisational procedures.
	4.3	Describe different ways of identifying, recording and reporting breakdowns in communication.
	4.4	Describe the organisational procedures that can be implemented to restore effective communications for a range of breakdown causes.
5 Communicate and organise the work being done with other operations as per the agreed work programme.	5.1	Organise and coordinate the work programmes and project requirements with other occupations, within predetermined levels of authorisation.
	5.2	Define their predetermined levels of authorisations and explain the methods of communicating, organising and co-ordinating work with other work activities/operations,
6 Organise and ensure there are sufficient resources, of the appropriate type, to meet the project requirements and timescales.	6.1	Identify, source and organise sufficient, suitable resources to meet project requirements.
	6.2	Allocate resources in accordance with the methods of work and project requirements.
	6.3	Describe ways of identifying, obtaining, organising and allocating the required resources for the project.
	6.4	Explain methods of planning for resources, in relation to: <ul style="list-style-type: none"> - workforce - tools - plant and ancillary equipment - materials - information.
7 Organise and control the work and resources so that conditions are safe and the workplace is tidy.	7.1	Implement systems to manage resources, maintain site tidiness and dispose of waste in accordance with current organisational and statutory requirements and within predetermined levels of authorisation.
	7.2	Explain different ways of controlling the workplace and resources to create and maintain safe conditions and a tidy workplace in accordance with organisational requirements.

Units – Learning Outcomes and Assessment Criteria

Title:	Co-ordinating and organising work operations in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
8 Identify and record any unplanned circumstances and pass them on to people who could may be affected.	8.1	Identify any unplanned circumstances which can affect the project or people, in relation to at least five of the following <ul style="list-style-type: none"> – occupiers – environment – vehicular access – hazards – trespass – near neighbours – public access – workplace conditions – health, safety and welfare – statutory regulations and limitations – Codes of Practice.
	8.2	Use appropriate methods to record and report any unplanned circumstances identified.
	8.3	Supply information on any identified unplanned circumstances to those who would be affected.
	8.4	Explain different ways of identifying what are unplanned circumstances.
	8.5	Describe the methods of recording and reporting any unplanned circumstances.
	8.6	Explain ways information relating to unplanned circumstances can be passed on to the people affected.
9 Organise the designated work area for operational purposes and communicate to the workforce.	9.1	Organise Manage/supervise the designated work area for operational purposes for at least five of the following: <ul style="list-style-type: none"> – safe storage – temporary works – environmental considerations – plant and/or equipment – temporary services – access and egress – security – continued use by occupiers – welfare facilities.
	9.2	Inform relevant workforce of the designated work area for operational purposes.
	9.3	Explain the methods and techniques used for passing on information about the designated work area to the workforce.

Units – Learning Outcomes and Assessment Criteria

Title:	Co-ordinating and organising work operations in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
9 continued	9.4	Explain different ways of organising/arranging the designated work area layout for operational purposes.
10 Organise the storage and use of materials and equipment so that handling and movement is efficient and wastage is minimised.	10.1	Plan and arrange the safe storage and efficient use of for materials and equipment relevant to the occupational work environment in accordance with current statutory and organisational requirements.
	10.2	Plan and arrange material handling and movement to enable minimum handling, movement and waste.
	10.3	Explain the factors, methods and considerations needed to organise the efficient storage and use of materials and equipment.

Units – Learning Outcomes and Assessment Criteria

Title:	Co-ordinating and organising work operations in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	40
Assessment hours	20

Units – Learning Outcomes and Assessment Criteria

Title:	Monitoring progress of work against schedules in the workplace	
Unit Number:	L/618/8504	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Monitor progress of planned programmes against work schedules	1.1	Monitor progress against the work schedule using the following methodologies <ul style="list-style-type: none"> – discussion – observation – calculation – measuring
	1.2	Record and provide regular reports to the managers on the programmes progress.
	1.3	Describe how to source information from the work schedule.
	1.4	Explain how to monitor and report progress of the planned programme by observation, calculation and measuring.
	1.5	Describe how the methods used to monitor progress, informed the report provided to managers, customers and/or representative, contractors or suppliers.
2 Identify, record and report inappropriate specified resources and suggest suitable alternatives.	2.1	Establish, record and report inappropriate and inadequate resources selected for the project.
	2.2	Advise managers of suitable alternative resources.
	2.3	Give examples of inadequate and inappropriate resources, relating to: <ul style="list-style-type: none"> – people – tools and ancillary equipment – materials – time – information.
	2.4	Describe how to identify and record inadequate or inappropriate resources relating to people, tools and ancillary equipment, materials, time and information.
	2.5	Explain the different methods and techniques used to inform managers about inadequate or inappropriate resources.
	2.6	Explain the organisational procedure for suggesting and specifying alternative resources.

Units – Learning Outcomes and Assessment Criteria

Title:	Monitoring progress of work against schedules in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
3 Identify and quantify deviations from planned progress which have or may occur, and which could alter the programme.	3.1	Determine and analyse work completed or projected work to be done.
	3.2	Compare work completed or projected work against given schedules to identify deviations relative to the project plan.
	3.3	Record and report identified and quantified deviations or confirm programme is on schedule.
	3.4	Explain the methods that can be used to identify, record and report deviations from planned progress, in relation to: <ul style="list-style-type: none"> – resource shortages – design problems and constraints – lack of essential construction information – construction errors – adverse weather – physical (workplace) constraints.
	3.5	Describe how any deviations from the planned progress could alter the programme, in relation to: <ul style="list-style-type: none"> – action lists – method statements – work costs.
	3.6	Explain how to quantify any deviations from planned progress in regards to the methods of work and any implication on resources.
4 Confirm the circumstances of any deviations, seek advice and implement appropriate corrective actions.	4.1	Analyse, record and report the corrective actions required to maintain the project schedule.
	4.2	Seek advice, plan and implement agreed corrective actions.
	4.3	Describe the methods used to confirm the circumstances of any deviations
	4.4	Explain how to seek advice, plan and implement corrective actions in circumstances of any deviations, in relation to: <ul style="list-style-type: none"> – restoring progress in accordance with agreed programme – agreeing new completion dates – securing additional resources – altering planned work.

Units – Learning Outcomes and Assessment Criteria

Title:	Monitoring progress of work against schedules in the workplace	
Learning outcomes	Assessment criteria	
<i>The learner will be able to:</i>	<i>The learner can:</i>	
5 Identify and report options which may help the contract progress.	5.1	Establish and record suitable options to the work schedule which are likely to help the contract's progress.
	5.2	Report the identified options that can assist contractual progress.
	5.3	Explain how to record and report the options which are most likely to help the contract progress including recommendations for changes and resource needs relating to people, tools and ancillary equipment, materials, time and information.
	5.4	Describe the different methods and techniques used to communicate information about the projects progress to line management, customer and/or representative and suppliers.
6 Report progress, any changes to the operational programme and resource needs.	6.1	Collect and confirm information on the project's progress against project specifications.
	6.2	Report project progress and recommended options for changes and resource needs.
	6.3	Describe how to inform line management, customer and/or representatives, contractors and suppliers on the actions needed to be taken to maintain or improve project progress.
	6.4	Explain why and when line management, customer and/or representatives, contractors and suppliers should be informed about progress, any changes to the operational programme and resource needs, relating to people, tools and ancillary equipment, materials, time and information, which could help advance the contract's progress.

Units – Learning Outcomes and Assessment Criteria

Title:	Monitoring progress of work against schedules in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Area	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	30
Assessment hours	10

Units – Learning Outcomes and Assessment Criteria

Title:	Co-ordinating and confirming the dimensional control requirements of the work in the workplace	
Level:	F/618/8497	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Co-ordinate with and communicate the dimensional control information to work colleagues.	1.1	Source accurate dimensional control information to allow the work being carried out to be positioned, lined and levelled.
	1.2	Record and report the dimensional control information provided to work colleagues to allow conformance with contract specifications.
	1.3	Explain different methods of co-ordinating with work colleagues in order to enable them to position, line and level the work.
	1.4	Explain the different methods of communicating dimensional control information to work colleagues.
2 Confirm and measure the dimensional controls and maintain them to the specified work requirements.	2.1	Identify, confirm and record a range of dimensional controls, setting out points, lines and profiles to meet contract specifications.
	2.2	Maintain accurate dimensional controls, setting out points, lines and profile in accordance with contract specifications.
	2.3	Explain the different methods of measuring and recording the following dimensional controls and setting out points, lines and profiles: <ul style="list-style-type: none"> – lines – levels – angles – distances – curves – calibrations – tolerances.
	2.4	Describe different methods of confirming and maintaining dimensional control, setting out points, lines and profiles.
3 Check and ensure measuring and recording equipment meets the specified tolerances.	3.1	Undertake and record the checks made to a range of measuring and recording equipment relative to the occupational work environment or project type.
	3.2	Explain the methods used to check mechanical, optical and electronic measuring and recording equipment applicable to the occupational area.

Units – Learning Outcomes and Assessment Criteria

Title:	Co-ordinating and confirming the dimensional control requirements of the work in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
4 Identify any deviations in dimensional controls and ensure they are corrected in accordance with work requirements.	4.1	Identify and report the circumstances and conditions that result in possible deviations in dimensional controls on a range of work being undertaken.
	4.2	Plan, record and implement corrective action that allows the work to meet project requirements.
	4.3	Describe the methods used to identify and report deviations in position, line and level, arising from: <ul style="list-style-type: none"> – transfer of lines and levels – use of wrong lines and levels.
	4.4	Explain the different methods of reporting and correcting deviations in position, line and level to meet work requirements.
	4.5	Explain how to identify and record circumstances and conditions that may affect and require revisions to the dimensional controls in relation to: <ul style="list-style-type: none"> – land – water – obstacles – climate variation – live conditions – utilities – health and safety.

Units – Learning Outcomes and Assessment Criteria

Title:	Co-ordinating and confirming the dimensional control requirements of the work in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Area	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	30
Assessment hours	10

Units – Learning Outcomes and Assessment Criteria

Title:	Dismantling and/or demolishing masonry and/or concrete structures in the workplace	
Unit Number:	L/618/8485	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when dismantling and/or demolishing masonry and/or concrete structures.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments, permits to work, manufacturers' information and organisational requirements.
	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: <ul style="list-style-type: none"> – drawings, specifications, schedules, method statements, risk assessments, permits to work, site inductions, tool box talks, manufacturers' information, electronic data, current regulations and official guidance associated with dismantling and demolishing masonry and concrete structures.
2 Know how to comply with relevant legislation and official guidance when dismantling and/or demolishing masonry and/or concrete structures.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to project, site, workplace, company, operative, vehicles, tools and plant.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
	2.4	Describe the types of fire extinguishers available when dismantling and demolishing masonry and concrete structures and describe how and when they are used: <ul style="list-style-type: none"> – water, CO₂, foam and powder.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
<p>3 Maintain safe and healthy working practices when dismantling and/or demolishing masonry and/or concrete structures.</p>	<p>3.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when dismantling and/or demolishing masonry and/or concrete structures.</p>
	<p>3.2 Demonstrate compliance with given information and relevant legislation when dismantling and/or demolishing masonry and/or concrete structures in relation to the following:</p> <ul style="list-style-type: none"> – safe use of access equipment – safe use, segregation, storage and handling of materials, tools and equipment – specific risks to health.
	<p>3.3 Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to dismantling and demolishing masonry and concrete structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
	<p>3.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.</p>
	<p>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.</p>
<p>4 Select the required quantity and quality of resources for the methods of work to dismantle and/or demolish masonry and/or concrete structures.</p>	<p>4.1 Select resources associated with own work in relation to materials and components, demolition tools, equipment and consumables, plant and machinery, waste and/or recycling containers.</p>
	<p>4.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to:</p> <ul style="list-style-type: none"> – demolition tools, equipment and consumables – waste and recycling containers.
	<p>4.3 Describe how to confirm that the resources and materials conform to the specification.</p>
	<p>4.4 Describe how the resources should be used correctly and how problems associated with the resources are reported.</p>

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
4 Continued	4.5 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
	4.6 Describe any potential hazards associated with the resources and methods of work.
	4.7 Describe how to calculate quantity, length, area and wastage associated with the method and procedure to dismantle and demolish masonry and concrete structures.
5 Minimise the risk of damage to the work and surrounding area when dismantling and/or demolishing masonry and/or concrete structures.	5.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	5.2 Maintain a clear and tidy work space.
	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 relating to segregation and recycling procedures.
6 Complete the work within the allocated time when dismantling and/or demolishing masonry and/or concrete structures.	6.1 Demonstrate completion of the work within the allocated time.
	6.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – types of productivity targets and time scales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.
7 Comply with the given contract information to dismantle and/or demolish masonry and/or concrete structures, to the required specification.	7.1 Demonstrate the following work skills when dismantling and/or demolishing masonry and/or concrete structures: <ul style="list-style-type: none"> – releasing, handling, lowering, sorting, stacking, segregating, storing, breaking out and loading away.
	7.2 Use and maintain demolition tools, equipment and consumables.
	7.3 Maintain established exclusion zones, dismantle and/or demolish, remove and segregate masonry and/or concrete structures for disposal and/or recycling and/or recovery to given working instructions.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
7 Continued	<p>7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> – erect barriers and warning notices – maintain established exclusion zones and designated areas – dismantle and demolish masonry and concrete structures – remove and segregate arisings for recycling, recovery and disposal – store and protect removed materials and components – provide information for Building Information Modelling (BIM) – recognise and determine when specialist skills and knowledge are required and report accordingly – determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance – work with, around and in close proximity to plant and machinery – direct and guide the operations and movement of plant and machinery – use demolition tools, and equipment and consumables – work at height – use access equipment.
	<p>7.5 Describe the needs of other occupations and how to communicate effectively within a team when dismantling and demolishing masonry and concrete structures.</p>
	<p>7.6 Describe how to check and maintain demolition tools, equipment and consumables used when dismantling and demolishing masonry and concrete structures.</p>

Units – Learning Outcomes and Assessment Criteria

Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	100
Assessment	10

Units – Learning Outcomes and Assessment Criteria

Title:	Dismantling and/or demolishing roofs and/or cladding in the workplace	
Unit Number:	R/618/8486	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when dismantling and/or demolishing roofs and/or cladding.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments, permits to work, manufacturers' information and organisational requirements.
	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: <ul style="list-style-type: none"> – drawings, specifications, schedules, method statements, risk assessments, permits to work, site inductions, tool-box talks, manufacturers' information, electronic data, official guidance and current regulations associated with dismantling and demolishing roofs and cladding.
2 Know how to comply with relevant legislation and official guidance when dismantling and/or demolishing roofs and/or cladding.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to project, site, workplace, company and operative, vehicle, tools and plant.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
	2.4	Describe the types of fire extinguishers available when dismantling and demolishing roofs and cladding and describe how and when they are used: <ul style="list-style-type: none"> – water, CO₂, foam and powder.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
<p>3 Maintain safe and healthy working practices when dismantling and/or demolishing roofs and/or cladding.</p>	<p>3.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when dismantling and/or demolishing roofs and/or cladding.</p>
	<p>3.2 Demonstrate compliance with given information and relevant legislation when dismantling and/or demolishing roofs and/or cladding in relation to the following:</p> <ul style="list-style-type: none"> – safe use of access equipment – safe use, segregation, storage and handling of materials, tools and equipment – specific risks to health.
	<p>3.3 Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to dismantling and demolishing roofs and cladding, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
	<p>3.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.</p>
	<p>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.</p>
<p>4 Select the required quantity and quality of resources for the methods of work to dismantle and/or demolish roofs and/or cladding.</p>	<p>4.1 Select resources associated with own work in relation to materials and components, demolition tools and equipment, waste and/or recycling containers.</p>
	<p>4.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to:</p> <ul style="list-style-type: none"> – demolition tools, equipment and consumables – waste and recycling containers.
	<p>4.3 Describe how to confirm that the resources and materials conform to the specification.</p>
	<p>4.4 Describe how the resources should be used correctly and how problems associated with the resources are reported.</p>

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
4 Continued	4.5 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
	4.6 Describe any potential hazards associated with the resources and methods of work.
	4.7 Describe how to calculate quantity, length, area and wastage associated with the method and procedure to dismantle and demolish roofs and cladding.
5 Minimise the risk of damage to the work and surrounding area when dismantling and/or demolishing roofs and/or cladding.	5.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	5.2 Maintain a clear and tidy work space.
	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 relating to segregation and recycling procedures.
6 Complete the work within the allocated time when dismantling and/or demolishing roofs and/or cladding.	6.1 Demonstrate completion of the work within the allocated time.
	6.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – types of productivity targets and timescales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.
7 Comply with the given contract information to dismantle and/or demolish roofs and/or cladding, to the required specification.	7.1 Demonstrate the following work skills when dismantling and/or demolishing roofs and/or cladding: <ul style="list-style-type: none"> – releasing, handling, lowering, segregating and loading.
	7.2 Use and maintain demolition tools, equipment and consumables.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
7 Continued	<p>7.3 Maintain established exclusion zones, dismantle and/or demolish, remove and segregate materials and components from roofs and/or cladding for disposal and/or recycling and/or recovery to given working instructions.</p>
	<p>7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> – erect barriers and warning notices – maintain established exclusion zones and designated areas – dismantle and demolish roofs and cladding – remove and segregate components and materials for recycling, recovery and disposal – store and protect removed components and materials – provide information for Building Information Modelling (BIM) – recognise and determine when specialist skills and knowledge are required and report accordingly – determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance – remove asbestos containing materials – work with, around and in close proximity to plant and machinery – direct and guide the operations and movement of plant and machinery – use demolition tools, equipment and consumables – work at height – use access equipment.
	<p>7.5 Describe the needs of other occupations and how to communicate effectively within a team when dismantling and demolishing roofs and cladding.</p>
	<p>7.6 Describe how to check and maintain demolition tools, equipment and consumables used when dismantling and demolishing roofs and cladding.</p>

Units – Learning Outcomes and Assessment Criteria

Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	100
Assessment	10

Units – Learning Outcomes and Assessment Criteria

Title:	Dismantling and/or demolishing timber structures in the workplace	
Unit Number:	Y/618/8487	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when dismantling and/or demolishing timber structures.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments, permits to work, manufacturers' information and organisational requirements.
	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: <ul style="list-style-type: none"> – drawings, specifications, schedules, method statements, risk assessments, site inductions, tool-box talks, manufacturers' information, electronic data, current regulations and official guidance associated with dismantling and demolishing timber structures.
2 Know how to comply with relevant legislation and official guidance when dismantling and/or demolishing timber structures.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to project, site, workplace, company and operative, vehicles, tools and plant.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
	2.4	Describe the types of fire extinguishers available when dismantling and demolishing timber structures and describe how and when they are used. <ul style="list-style-type: none"> – water, CO₂, foam and powder.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
<p>3 Maintain safe and healthy working practices when dismantling and/or demolishing timber structures.</p>	<p>3.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when dismantling and/or demolishing timber structures.</p>
	<p>3.2 Demonstrate compliance with given information and relevant legislation when dismantling and/or demolishing timber structures in relation to the following:</p> <ul style="list-style-type: none"> – safe use of access equipment – safe use, segregation, storage and handling of materials, tools and equipment – specific risks to health.
	<p>3.3 Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to dismantling and demolishing timber structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
	<p>3.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.</p>
	<p>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.</p>
<p>4 Select the required quantity and quality of resources for the methods of work to dismantle and/or demolish timber structures.</p>	<p>4.1 Select resources associated with own work in relation to materials and components, demolition tools, equipment and consumables, waste and/or recycling containers.</p>
	<p>4.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to:</p> <ul style="list-style-type: none"> – demolition tools, equipment and consumables – waste and recycling containers.
	<p>4.3 Describe how to confirm that the resources and materials conform to the specification.</p>

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
4 Continued	4.4 Describe how the resources should be used correctly and how problems associated with the resources are reported.
	4.5 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
	4.6 Describe any potential hazards associated with the resources and methods of work.
	4.7 Describe how to calculate quantity, length, area and wastage associated with the method and procedure to dismantle and demolish timber structures.
5 Minimise the risk of damage to the work and surrounding area when dismantling and/or demolishing timber structures.	5.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	5.2 Maintain a clear and tidy work space.
	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 relating to segregation and recycling procedures.
6 Complete the work within the allocated time when dismantling and/or demolishing timber structures.	6.1 Demonstrate completion of the work within the allocated time.
	6.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – types of productivity targets and timescales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
<p>7 Comply with the given contract information to dismantle and/or demolish timber structures to the required specification.</p>	<p>7.1 Demonstrate the following work skills when dismantling and/or demolishing timber structures:</p> <ul style="list-style-type: none"> – releasing, handling, lowering, segregating and loading.
	<p>7.2 Use and maintain demolition tools, equipment and consumables.</p>
	<p>7.3 Maintain established exclusion zones, dismantle and/or demolish, remove and segregate timber, timber-framed structures and components and segregate for disposal and/or recycling and/or recovery to given working instructions.</p>
	<p>7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> – erect barriers and warning notices – maintain established exclusion zones and designated areas – dismantle and demolish timber, timber-framed structures and components – remove and segregate components and materials for recycling, recovery and disposal – store and protect removed materials and components – provide information for Building Information Modelling (BIM) – recognise and determine when specialist skills and knowledge are required and report accordingly – determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance – work with, around and in close proximity to plant and machinery – direct and guide the operations and movement of plant and machinery – use demolition tools, equipment and consumables – work at height – use access equipment.
	<p>7.5 Describe the needs of other occupations and how to communicate effectively within a team when dismantling and demolishing timber structures.</p>
	<p>7.6 Describe how to check and maintain demolition tools, equipment and consumables used to dismantle and demolish timber structures.</p>

Units – Learning Outcomes and Assessment Criteria

Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	80
Assessment	10

Units – Learning Outcomes and Assessment Criteria

Title:	Dismantling and/or demolishing metal structures in the workplace	
Unit Number:	D/618/8488	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when dismantling and/or demolishing metal structures.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments, permits to work, manufacturers' information and organisational requirements.
	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: <ul style="list-style-type: none"> – drawings, specifications, schedules, method statements, risk assessments, permits to work, site inductions, tool-box talks, manufacturers' information, electronic data, official guidance and current regulations associated with dismantling and demolishing metal structures.
2 Know how to comply with relevant legislation and official guidance when dismantling and/or demolishing metal structures.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to project, site, workplace, company, operative, vehicles, tools and plant.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
	2.4	Describe the types of fire extinguishers available when dismantling and demolishing metal structures and describe how and when they are used: <ul style="list-style-type: none"> – water, CO₂, foam and powder.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
<p>3 Maintain safe and healthy working practices when dismantling and/or demolishing metal structures.</p>	<p>3.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when dismantling and/or demolishing metal structures.</p>
	<p>3.2 Demonstrate compliance with given information and relevant legislation when dismantling and/or demolishing metal structures in relation to the following:</p> <ul style="list-style-type: none"> – safe use of access equipment – safe use, segregation, storage and handling of materials, tools and equipment – specific risks to health.
	<p>3.3 Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to dismantling and demolishing metal structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
	<p>3.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.</p>
	<p>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.</p>
<p>4 Select the required quantity and quality of resources for the methods of work to dismantle and/or demolish metal structures.</p>	<p>4.1 Select resources associated with own work in relation to materials and components, demolition tools, equipment and consumables, waste and/or recycling containers.</p>
	<p>4.2 Describe the characteristics, quality, uses, limitations and defects associated with the resources in relation to:</p> <ul style="list-style-type: none"> – demolition tools, equipment and consumables – waste and recycling containers.
	<p>4.3 Describe how to confirm that the resources and materials conform to the specification.</p>
	<p>4.4 Describe how the resources should be used correctly and how problems associated with the resources are reported.</p>

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
4 Continued	4.5 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
	4.6 Describe any potential hazards associated with the resources and methods of wrk.
	4.7 Describe how to calculate quantity, length, area and wastage associated with the method and procedure to dismantle and demolish metal structures.
5 Minimise the risk of damage to the work and surrounding area when dismantling and/or demolishing metal structures.	5.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	5.2 Maintain a clear and tidy work space.
	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 Complete the work within the allocated time when dismantling and/or demolishing metal structures.	6.1 Demonstrate completion of the work within the allocated time.
	6.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – types of productivity targets and timescales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.
7 Comply with the given contract information to dismantle and/or demolish metal structures, to the required specification.	7.1 Demonstrate the following work skills when dismantling and/or demolishing metal structures: <ul style="list-style-type: none"> – supporting, releasing, cold cutting, hot cutting, separating and segregating.
	7.2 Use and maintain demolition tools, equipment, hot and cold cutting equipment and consumables.
	7.3 Maintain established exclusion zones, dismantle and/or demolish, remove and segregate metal, metal-framed structures and components for disposal and/or recycling and/or recovery to given working instructions.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
7 Continued	<p>7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> – erect barriers and warning notices – maintain established exclusion zones and designated areas – identify types of support and support systems – confirm the integrity and position of specified supports and support systems – recognise points of compression, tension and twist – use hot and cold cutting equipment to form for releasing, holding, hinging and weakening metal components and materials – dismantle and demolish metal, metal-framed structures and components – remove and segregate metal components and materials for recycling, recovery and disposal – store and protect removed materials and components – provide information for Building Information Modelling (BIM) – recognise and determine when specialist skills and knowledge are required and report accordingly – determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance – work with, around and in close proximity to plant and machinery – direct and guide the operations and movement of plant and machinery – use demolition tools, equipment and consumables – work at height – use access equipment.
	<p>7.5 Describe the needs of other occupations and how to communicate effectively within a team when dismantling and demolishing metal structures.</p>
	<p>7.6 Describe how to check and maintain demolition tools, equipment hot and cold cutting equipment and consumables used to dismantle and demolish metal structures.</p>

Units – Learning Outcomes and Assessment Criteria

Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	120
Assessment	10

Units – Learning Outcomes and Assessment Criteria

Title:	Controlling, directing and guiding the operation of plant or machinery in the workplace	
Unit Number:	R/508/6532	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to controlling, directing and guiding the operation of plant or machinery.	1.1	Interpret and extract relevant information from specifications, schedules, risk assessments and manufacturers' information
	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: <ul style="list-style-type: none"> – drawings, specifications, schedules, method statements, risk assessments, work instructions, manufacturers' information and official guidance for controlling, directing and guiding the operations of plant and machinery.
2 Organise with others the sequence and operation in which directing and guiding operations are to be carried out.	2.1	Organise the work according to given information or instructions.
	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 directing and guiding the operation of plant and machinery.
3 Know how to comply with relevant legislation and official guidance when carrying out controlling, directing and guiding operations of plant or machinery.	3.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> – 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.

Units – Learning Outcomes and Assessment Criteria

Title:	Controlling, directing and guiding the operation of plant or machinery in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
4 Maintain safe and healthy working practices when controlling, directing and guiding the operation of plant and machinery.	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 controlling, directing and guiding the operation of plant and machinery.
	4.2	Demonstrate compliance with given information and relevant legislation when controlling, directing and guiding the operation of plant and machinery in relation to two or more of the following: <ul style="list-style-type: none"> – safe use and storage of tools – safe use and storage of 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 directing and guiding operations of plant and machinery, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> – 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 quantity and quality of resources to direct and guide the operation of plant and machinery.	5.1	Select resources associated with directing and guiding the operation of plant and machinery in relation to hand tools, ancillary equipment, and signalling and communication equipment.
	5.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: <ul style="list-style-type: none"> – signalling and communication equipment – hand tools and ancillary equipment – electronic guidance equipment, global positioning systems and laser marking devices – measuring equipment (pegs, tapes, strings, lines and levels).
	5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.

Units – Learning Outcomes and Assessment Criteria

Title:	Controlling, directing and guiding the operation of plant or machinery in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
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 and bearing pressures quantity, length, area and volume associated with the method/procedure for controlling, directing and guiding the operation of plant and machinery.
6 Minimise the risk of damage to the work and surrounding area when controlling, directing and guiding the operation of plant and machinery.	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 controlling, directing and guiding the operation of plant and machinery.	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: <ul style="list-style-type: none"> – 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 control, direct and guide the operation of plant or machinery to the required specification.	8.1	Demonstrate the following work skills when controlling, directing and guiding the operation of plant or machinery: <ul style="list-style-type: none"> – measuring, gauging, estimating, interpreting, judging, explaining, preparing, commanding, directing, guiding, indicating, informing, instructing, signing, positioning, moving, securing, signalling and relaying.
	8.2	Use and maintain hand tools, ancillary equipment, and signalling and communication equipment.

Units – Learning Outcomes and Assessment Criteria

Title:	Controlling, directing and guiding the operation of plant or machinery in the workplace
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
8 Continued	<p>8.3 Control, direct and guide the operation of plant or machinery not being used for lifting operations, but including plant or machinery used as work platforms, to given working instructions, relating to the following:</p> <ul style="list-style-type: none"> – hand signals – hand signalling equipment – verbal and electronic communication equipment.
	<p>8.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to:</p> <ul style="list-style-type: none"> – identify the differences between directing and guiding operations, directing and guiding movement and slinging and signalling – interpret work plans – assess and determine the operation of plant and machinery (not being used for lifting operation but including plant or machinery used as work platforms) to include own position, visibility, ground conditions and features, proximity hazards and weight limits – identify the operational characteristics and limitations of plant and machinery, width, length, height, radius, reach, capacity – recognise blind-spots, potential crush zones and other limitations to operator visibility
	<p>8.5</p> <ul style="list-style-type: none"> – control, direct and guide the operation of plant and machinery not being used for lifting operations to extract, excavate, construct, form, receive, transport, access, lay, distribute, compact, process, sweep, clean and clear – assess and determine the movement of extracted and excavated materials or commodities including the formation and removal of stockpiles, unloading, discharging and loading – control, direct and guide the operation of plant and machinery not being used for lifting operations on rough, uneven terrain and in areas of restricted movement – ensure the integrity of equipment, structures, materials and components close to operations while directing and guiding
	<p>8.6</p> <ul style="list-style-type: none"> – recognise and utilise measurement and operation monitoring aids, pegs, tapes, strings, lines and levels, electronic guidance equipment, global positioning systems and laser marking devices – check measurements – signal and communicate following recognised and agreed operational procedures – recognise requirements for working on public highways – recognise and determine when specific skills and knowledge are required and report accordingly – use hand tools, ancillary equipment, and signalling and communication equipment.

Units – Learning Outcomes and Assessment Criteria

Title:	Controlling, directing and guiding the operation of plant or machinery in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
8 Continued	8.7	Describe the needs of other occupations and how to effectively communicate within a team when controlling, directing and guiding the operation of plant and machinery.
	8.8	Describe how to maintain hand tools, ancillary equipment, signalling and communication equipment used to control, direct and guide the operation of plant and machinery.

Units – Learning Outcomes and Assessment Criteria

Title:	Controlling, directing and guiding the operation of plant or machinery in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure.</p> <p><u>ProQual Level 2 NVQ Diploma in Demolition (Construction)</u></p> <p>The following endorsement required:</p> <p>Operations guide banksman</p>
Sector subject areas	5.2 Building and Construction
Availability for use	Shared unit
Unit credit value	18
Unit guided learning hours	60

Units – Learning Outcomes and Assessment Criteria

Title:	Installing, constructing, maintaining, dismantling and removing temporary works in the workplace	
Unit Number:	J/618/8498	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when installing, constructing, maintaining, dismantling and removing temporary works.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information.
	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: <ul style="list-style-type: none"> – drawings, specifications, schedules, method statement, risk assessments, electronic data, written and verbal instructions, permits, manufacturers' information, current regulations governing buildings, structures and official guidance associated with installation, construction, maintenance, dismantling and removal of temporary works.
2 Know how to comply with relevant legislation and official guidance when installing, constructing, maintaining, dismantling and removing temporary works.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: <ul style="list-style-type: none"> – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and 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.

Units – Learning Outcomes and Assessment Criteria

Title:	Installing, constructing, maintaining, dismantling and removing temporary works in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
3 Maintain safe and healthy working practices when installing, constructing, maintaining, dismantling and removing temporary works.	3.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when installing, constructing, maintaining, dismantling and removing temporary works.
	3.2	Demonstrate compliance with given information and relevant legislation when installing, constructing, maintaining, dismantling and removing temporary works in relation to the following: <ul style="list-style-type: none"> – safe use of access equipment – safe use, storage and handling 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 prevention should be used, relating to installing, constructing, maintaining, dismantling and removing temporary works and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV)
	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.

Units – Learning Outcomes and Assessment Criteria

Title:	Installing, constructing, maintaining, dismantling and removing temporary works in the workplace	
Learning outcomes	Assessment criteria	
<i>The learner will be able to:</i>	<i>The learner can:</i>	
4 Select the required quantity and quality of resources for the methods of work to install, construct, maintain, dismantle and remove temporary works.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
	4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> – protective measures – materials – supports – components, fittings and fixings – hand tools, portable power tools and equipment.
	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 methods of work.
	4.6	Describe how to calculate quantity, length, area, volume and wastage associated with the method and procedure to install, construct, maintain, dismantle and remove temporary works.
5 Minimise the risk of damage to the work and surrounding area when installing, constructing, maintaining, dismantling and removing temporary works.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	5.2	Maintain a clean and tidy work space.
	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.

Units – Learning Outcomes and Assessment Criteria

Title:	Installing, constructing, maintaining, dismantling and removing temporary works in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
6 Complete the work within the allocated time when installing, constructing, maintaining, dismantling and removing temporary works.	6.1	Demonstrate completion of the work within the allocated time.
	6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – 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 install, construct, maintain, dismantle and remove temporary works to the required specification.	7.1	Demonstrate the following work skills when installing, constructing, maintaining, dismantling and removing temporary works : <ul style="list-style-type: none"> – measuring, marking out, aligning, altering, assembling, building, erecting, laying, levelling, plumb, installing, checking, monitoring, adjusting, reinforcing, fitting, fixing, positioning, securing, dismantling and removing.
	7.2	Use and maintain hand tools, portable power tools and ancillary equipment.
	7.3	Install, construct, maintain, dismantle and remove to given working instructions for four of the following as temporary works to allow or enable permanent construction <ul style="list-style-type: none"> – protective screens, hoardings and covers – access and egress routes – supports – supporting structures – removal equipment – diverting equipment – site facilities – stabilisation.
	7.4	Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> – identify agreed quality requirements – conform to agreed specification – identify the roles of the temporary works supervisor and the temporary work co-ordinator – recognise the characteristics, critical factors of temporary works and interface with existing structures and permanent work – identify temporary works control mechanisms – check resources for type, quantity and damage and report discrepancies

Units – Learning Outcomes and Assessment Criteria

Title:	Installing, constructing, maintaining, dismantling and removing temporary works in the workplace
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
7 Continued	<p>7.4 contd</p> <ul style="list-style-type: none"> – install, construct, maintain, dismantle and remove protective screens, hoardings and covers in order to restrict access and maintain the integrity of the protected items – install, construct, maintain, dismantle and remove access and egress routes, new and alterations to existing routes including pedestrian routes, vehicle routes, bridges, decks, openings, stairs, ramps, passing and parking places – assemble, build, align, erect, install, construct, dismantle and remove load bearing supports – assemble, build, align, erect, install, construct, dismantle and remove supports that hold in position including formwork, falsework and excavation support systems – identify the criteria, characteristics and differences between proprietary and bespoke support systems – check and maintain supporting structures including scaffolding, formwork, falsework, props, excavation support and dewatering systems – check condition, support and protection of utilities – recognise the checking, inspection, examination and certification criteria for temporary works – install removal equipment including gantries, hoists, skips, chutes, conveyors, vacuums, pumps and pipework – maintain removal and diverting equipment, including alterations by reinforcement – recognise the criteria for disconnecting, protecting and reconnecting utilities – fit, fix, position, align, secure, dismantle and remove supports and carriage systems, underground and overhead, to divert utility carrying equipment including electric, communications, water (foul, surface and fresh), gas and air – work with, around and in close proximity to plant and machinery – recognise the criteria for directing and guiding the movement and operations of vehicles, plant and machinery – measure, mark out, transfer, set out and maintain lines, plumbs and levels – monitor wear and tear on temporary works and report – recognise and determine when additional specialist skills and knowledge are required and report accordingly – determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance

Units – Learning Outcomes and Assessment Criteria

Title:	Installing, constructing, maintaining, dismantling and removing temporary works in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
7 continued	7.4 contd	<ul style="list-style-type: none"> – use hand tools, portable power tools and equipment – work at height – use access equipment
	7.5	Describe the needs of other occupations and how to effectively communicate within a team when installing, constructing, maintaining, dismantling and removing temporary works.
	7.6	Describe how to maintain the tools and equipment used when installing, constructing, maintaining, dismantling and removing temporary works.

Units – Learning Outcomes and Assessment Criteria

Title:	Installing, constructing, maintaining, dismantling and removing temporary works in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure.</p> <p><u>ProQual Level 2 NVQ Diploma in Demolition (Construction)</u></p> <p>Four of the following endorsements required:</p> <ul style="list-style-type: none"> Protective screens, hoardings and covers Access and egress routes Supports Supporting structures Removal equipment Diverting equipment Site facilities Stabilisation
Sector subject area	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	73

Units – Learning Outcomes and Assessment Criteria

Title:	Operating plant or machinery to dismantle and/or demolish structures above 30 metres in the workplace	
Unit Number:	L/618/8488	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when operating plant or machinery to dismantle and/or demolish structures above 30 metres.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments, permits to work, manufacturers' information and organisational requirements.
	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: <ul style="list-style-type: none"> – drawings, specifications, schedules, method statements, risk assessments, permits to work, site inductions, tool box talks, manufacturers' information, electronic data, official guidance and current regulations associated with the operation of plant and machinery to dismantle and demolish structures above 30 metres.
2 Organise with others the sequence and operation in which demolition operations using plant or machinery to dismantle and/or demolish structures above 30 metres are to be carried out.	2.1	Organise the work according to given information or instructions.
	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 demolition operations.
3 Know how to comply with relevant legislation and official guidance to carry out demolition operations when operating plant or machinery to dismantle and/or demolish structures above 30 metres.	3.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting.
	3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to project, site, workplace, company, operative, vehicles, tools and plant.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
3 Continued	3.3 Explain what the accident reporting procedures are and who is responsible for making reports.
	3.4 Describe the types of fire extinguishers available when operating plant or machinery to dismantle and demolish structures above 30 metres and describe how and when they are used: <ul style="list-style-type: none"> – water, CO₂, foam and powder.
4 Maintain safe and healthy working practices when operating plant or machinery to dismantle and/or demolish structures above 30 metres.	4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when operating plant or machinery to dismantle and/or demolish structures above 30 metres.
	4.2 Demonstrate compliance with given information and relevant legislation when operating plant or machinery to dismantle and/or demolish structures above 30 metres in relation to the following: <ul style="list-style-type: none"> – safe use of access equipment – segregation and safe storage of demolished materials – safe use, storage and handling of plant or machinery, materials, 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 dismantling and demolishing structures above 30 metres using plant and machinery, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> – 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.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
5 Request and select the required quantity and quality of resources for the methods of work to operate plant or machinery to dismantle and/or demolish structures above 30 metres.	5.1 Request and select resources associated with own work in relation to consumables, materials, attachments, tools, and equipment.
	5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> – consumables, lubricants, fuels – spill kits – demolition plant, machinery and attachments – demolition tools, equipment and consumables.
	5.3 Describe how to confirm that the resources and materials conform with the specification.
	5.4 Describe how the resources should be used correctly and how problems associated with the resources are reported.
	5.5 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
	5.6 Describe any potential hazards associated with the resources and methods of work.
	5.7 Describe how to estimate weight, quantity, length and area associated with the method and procedure to operate plant or machinery to dismantle and demolish structures above 30 metres and segregate, stockpile, remove and load components and materials.
6 Minimise the risk of damage to the work and surrounding area when operating plant or machinery to dismantle and /or demolish structures above 30 metres.	6.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	6.2 Maintain a clear and tidy 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.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
7 Complete the work within the allocated time when operating plant or machinery to dismantle and/or demolish structures above 30 metres.	7.1 Demonstrate completion of the work within the allocated time.
	7.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – types of productivity targets and time scales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.
8 Comply with the given contract information to operate plant or machinery to dismantle and/or demolish structures above 30 metres to the required specification.	8.1 Demonstrate the following work skills when operating plant or machinery to dismantle and/or demolish structures above 30 metres: <ul style="list-style-type: none"> – adjusting, checking, communicating, manoeuvring, positioning, dismantling, demolishing, segregating, stockpiling, removing and loading.
	8.2 Use and maintain hand tools, equipment and/or accessories.
	8.3 Maintain established exclusion zones, operate plant or machinery to dismantle and/or demolish structures above 30 metres and segregate, stockpile, remove and load materials to given working instructions.
	8.4 Shut down and secure the plant or machinery to given working instructions.
	8.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: <ul style="list-style-type: none"> – 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 dismantled and demolished – maintain established exclusion zones and designated areas – 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 dismantling and demolishing activities – avoid damage to surrounding structures and utilities – dismantle and demolish structures – segregate and safely remove materials into stockpiles and/or containers – provide information for Building Information Modelling (BIM) – recognise and determine when specialist skills and knowledge are required and report accordingly

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
8 Continued	<ul style="list-style-type: none"> – determine specific requirements for structures of special interest, traditional pre-build (pre 1919) and historical significance – work with, around and in close proximity to plant, machinery and pedestrian operatives – direct and guide the operations and movement of plant and machinery – shut down and secure plant or machinery – fit and remove attachments using direct and quick-hitch type couplers.
	8.6 Describe the needs of other occupations and how to communicate effectively within a team when operating plant or machinery to dismantle and demolish structures above 30 metres.
	8.7 Describe how to check and maintain the plant or machinery, tools and equipment used when operating plant or machinery to dismantle and demolish structures above 30 metres.

Units – Learning Outcomes and Assessment Criteria

Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the Construction Skills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	530
Assessment	10

Units – Learning Outcomes and Assessment Criteria

Title:	Operating plant or machinery to dismantle and/or demolish structures up to 30 metres in the workplace	
Unit Number:	T/618/8500	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when operating plant or machinery to dismantle and/or demolish structures up to 30 metres.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments, permits to work, manufacturers' information and organisational requirements.
	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: <ul style="list-style-type: none"> – drawings, specifications, schedules, method statements, risk assessments, permits to work, site inductions, tool box talks, manufacturers' information, electronic data, official guidance and current regulations associated with the operation of plant and machinery to dismantle and demolish structures up to 30 metres.
2 Organise with others the sequence and operation in which demolition operations using plant or machinery to dismantle and/or demolish structures up to 30 metres are to be carried out.	2.1	Organise the work according to given information or instructions.
	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 demolition operations.
3 Know how to comply with relevant legislation and official guidance to carry out demolition operations when operating plant or machinery to dismantle and/or demolish structures up to 30 metres.	3.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting.
	3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to project, site, workplace, company, operative, vehicles, tools and plant.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
3 Continued	3.3 Explain what the accident reporting procedures are and who is responsible for making reports.
	3.4 Describe the types of fire extinguishers available when operating plant or machinery to dismantle and demolish structures up to 30 metres and describe how and when they are used: <ul style="list-style-type: none"> – water, CO₂, foam and powder.
4 Maintain safe and healthy working practices when operating plant or machinery to dismantle and/or demolish structures up to 30 metres.	4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when operating plant or machinery to dismantle and/or demolish structures up to 30 metres.
	4.2 Demonstrate compliance with given information and relevant legislation when operating plant or machinery to dismantle and/or demolish structures up to 30 metres in relation to the following: <ul style="list-style-type: none"> – safe use of access equipment – segregation and safe storage of demolished materials – safe use, storage and handling of plant or machinery, materials, 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 dismantling and demolishing structures up to 30 metres using plant or machinery, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> – 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.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
5 Request and select the required quantity and quality of resources for the methods of work to operate plant or machinery to dismantle and/or demolish structures up to 30 metres.	5.1 Request and select resources associated with own work in relation to consumables, materials, attachments, tools, and equipment.
	5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> – consumables, lubricants, fuels – spill kits – demolition plant, machinery and attachments – demolition tools, equipment and consumables.
	5.3 Describe how to confirm that the resources and materials conform with the specification.
	5.4 Describe how the resources should be used correctly and how problems associated with the resources are reported.
	5.5 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
	5.6 Describe any potential hazards associated with the resources and methods of work.
	5.7 Describe how to estimate weight, quantity, length and area associated with the method and procedure to operate plant or machinery to dismantle and demolish structures up to 30 metres and segregate, stockpile, remove and load components and materials.
6 Minimise the risk of damage to the work and surrounding area when operating plant or machinery to dismantle and /or demolish structures up to 30 metres.	6.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	6.2 Maintain a clear and tidy 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.

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
7 Complete the work within the allocated time when operating plant or machinery to dismantle and/or demolish structures up to 30 metres.	7.1 Demonstrate completion of the work within the allocated time.
	7.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – types of productivity targets and time scales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.
8 Comply with the given contract information to operate plant or machinery to dismantle and/or demolish structures up to 30 metres to the required specification.	8.1 Demonstrate the following work skills when operating plant or machinery to dismantle and/or demolish structures up to 30 metres: <ul style="list-style-type: none"> – adjusting, checking, communicating, manoeuvring, positioning, dismantling, demolishing, segregating, stockpiling, removing and loading.
	8.2 Use and maintain hand tools, equipment and/or accessories.
	8.3 Maintain established exclusion zones, operate plant or machinery to dismantle and/or demolish structures up to 30 metres and segregate, stockpile, remove and load materials to given working instructions.
	8.4 Shut down and secure the plant or machinery to given working instructions.
	8.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: <ul style="list-style-type: none"> – 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 dismantled and demolished – maintain established exclusion zones and designated areas – 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 dismantling and demolishing activities – avoid damage to surrounding structures and utilities – dismantle and demolish structures – segregate and safely remove materials into stockpiles and/or containers – provide information for Building Information Modelling (BIM) – recognise and determine when specialist skills and knowledge are required and report accordingly

Units – Learning Outcomes and Assessment Criteria

Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
8 Continued	<ul style="list-style-type: none"> – determine specific requirements for structures of special interest, traditional pre-build (pre 1919) and historical significance – work with, around and in close proximity to plant, machinery and pedestrian operatives – direct and guide the operations and movement of plant and machinery – shut down and secure plant or machinery – fit and remove attachments using direct and quick- hitch type couplers.
	8.6 Describe the needs of other occupations and how to communicate effectively within a team when operating plant or machinery to dismantle and demolish structures up to 30 metres.
	8.7 Describe how to check and maintain the plant or machinery, tools and equipment used when operating plant or machinery to dismantle and demolish structures up to 30 metres.

Units – Learning Outcomes and Assessment Criteria

Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the Construction Skills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	430
Assessment	10

Units – Learning Outcomes and Assessment Criteria

Title:	Confirming work activities and resources for an occupational work area in the workplace	
Unit Number:	A/503/2772	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Identify work activities, assess required resources and plan the sequence of work.	1.1	Identify work activities, assess required resources and plan the sequence of work.
	1.2	Identify work activities and formulate a plan for their own sequence of work.
	1.3	Explain the types of work relative to the occupational area and how to identify different work activities.
	1.4	Explain methods of assessing the resources needed from a range of available information.
	1.5	Explain the required information and the different methods used to prepare a work programme relative to the occupational area.
2 Obtain clarification and advice where the resources required are not available.	2.1	Seek advice and clarity from appropriate sources on resources available and the alternatives that can be used for the work when required resources are not available.
	2.2	Explain the different sources and methods that can be used to obtain clarification and advice when the required resources are not available.
3 Evaluate the work activities and the requirements of any significant external factors against the project requirements.	3.1	Assess progress of work against project requirements, taking into account external factors relating to: <ul style="list-style-type: none"> – other occupations and /or customers – resources – weather conditions – health and safety requirements.
	3.2	Explain different methods of evaluating work activities against the following project requirements: <ul style="list-style-type: none"> – contract conditions – contract programme – health and safety requirements of operatives.
	3.3	Evaluate the requirements of significant external factors that could affect the progress of work, in relation to: <ul style="list-style-type: none"> – other related programmes – special working conditions – weather conditions – other occupations/people – resources – health and safety requirements.

Units – Learning Outcomes and Assessment Criteria

Title:	Confirming work activities and resources for an occupational work area in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
4 Identify work activities which influence each other and make the best use of the resources available.	4.1	Determine work activities that have an influence on each other.
	4.2	Evaluate which work activities make the best use of available resources in relation to: <ul style="list-style-type: none"> – occupations and/or customers associated with the work – tools, plant and/or ancillary equipment – materials and components.
	4.3	Explain different methods and sources that can identify which work activities influence each other.
	4.4	Describe how to determine the sequence of work activities and how long each work activity will take.
	4.5	Describe what zero and low carbon requirements are.
	4.6	Explain how work activities and different ways of using resources can impact on zero and low carbon requirements, and make a positive contribution to the environment.
5 Identify changed circumstances that require alterations to the work programme and justify them to decision makers.	5.1	Evaluate project progress against the work programme to identify any changed circumstances.
	5.2	Inform line management and/or customers on the type and extent of any required changes to the work programme.
	5.3	Explain how to identify possible alterations to the work programme to meet changed circumstances relating to action lists, method statements, duration, schedules and/or occupation specific requirements.
	5.4	Explain how to assess contractual/work effects resulting from alterations to the work programme.
	5.5	Explain the methods used to justify to decision makers on the effects resulting from alterations to the work programme.

Units – Learning Outcomes and Assessment Criteria

Title:	Confirming work activities and resources for an occupational work area in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Subject Sector Area	05.2 Building and Construction
Availability for use	Shared unit
Credit value	10
Unit guided learning hours	33

Units – Learning Outcomes and Assessment Criteria

Title:	Confirming the occupational method of work in the workplace	
Unit Number:	R/503/2924	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Assess available project data accurately to determine the occupational method of work.	1.1	Interpret and extract information from drawings, specifications, schedules, manufacturer's information, methods of work, risk assessments and programmes of work.
	1.2	Explain how to summarise the following project data: <ul style="list-style-type: none"> – required quantities – specifications – detailed drawings – health and safety requirements – timescales – scope of works.
	1.3	Explain the different methods of assessing available project data.
	1.4	Explain how to use project data to interpret the work method, In relation to: <ul style="list-style-type: none"> – standard work procedures – sequence of work – organisation of resources (people, equipment, materials) – work techniques – working conditions (health, safety and welfare) – risk assessment.
2 Obtain additional information from alternative sources in cases where the available project data is insufficient.	2.1	Collect and collate additional information from alternative sources to clarify the work to be carried out.
	2.2	Explain different methods and techniques of obtaining additional information from the following alternative sources when available project data is insufficient: <ul style="list-style-type: none"> – customers or representatives – suppliers – regulatory authorities – manufacturer's literature.

Units – Learning Outcomes and Assessment Criteria

Title:	Confirming the occupational method of work in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
3 Identify work methods that will make best use of resources and meet project, statutory and contractual requirements.	3.1	Examine potential work methods to carry out the occupational work activity.
	3.2	Determine which work methods will make best use of relevant resources and meet health and safety requirements relating to technical and/or project criteria.
	3.3	Explain how to identify work methods that make best use of resources and meet project, statutory and contractual requirements against technical criteria, in relation to: <ul style="list-style-type: none"> – health and safety welfare (principles of protection) – fire protection – access and egress – equipment availability – availability of competent workforce – pollution risk – waste and disposal – zero and low carbon outcomes – weather conditions.
	3.4	Explain how to identify work methods that make best use of resources and meet project, statutory and contractual requirements against project criteria, in relation to: <ul style="list-style-type: none"> – conforming to statutory requirements – customer and user needs – contract requirements in terms of time, quantity and quality – environmental considerations.
	3.5	Explain how different methods of work can achieve zero/low carbon outcomes.
4 Confirm and communicate the selected work method to relevant personnel.	4.1	Confirm the selected occupational work method that meets project, statutory and contractual requirements.
	4.2	Communicate appropriately to relevant people on the selected occupational work method.
	4.3	Describe the different techniques and methods of confirming and communicating work methods to relevant people.
	4.4	Explain the principles of equality and diversity and how to apply them when working and communicating with others.

Units – Learning Outcomes and Assessment Criteria

Title:	Confirming the occupational method of work in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>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.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit credit value	11
Unit guided learning hours	37



www.proqualab.com

enquiries@proqualab.com

Tel: +44 (0)1430 423822

ProQual AB Limited, ProQual House, Unit 1, Innovation Drive, Newport HU15 2HG
Company Registration Number: 07464445