



**Level 2 NVQ Certificate in Construction using
Off-site Manufactured Assemblies (Construction)**

Qualification Specification

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Introduction

The ProQual Level 2 NVQ Certificate in Construction using Off-site Manufactured Assemblies (Construction) qualification provides a nationally recognised qualification for those working in the occupational area of construction using off-site manufactured assemblies. The qualification assesses occupational competence in the workplace where candidates are required to demonstrate skills and knowledge to a level required in the construction industry. There are three pathways:

Pathway 1: Cold Formed Steel Frame – Assembly

Pathway 2: Erection of Precast Concrete - Flooring

Pathway 3: Erection of Precast Concrete - Cladding

The awarding organisation for this qualification is ProQual Awarding Body and the regulatory body is the Office of Qualifications and Examinations Regulation (Ofqual).

This qualification has been accredited onto the Regulated Qualifications Framework (RQF).

Qualification Profile

Qualification title	ProQual Level 2 NVQ Certificate in Construction using Off-site Manufactured Assemblies (Construction)
Ofqual qualification number	603/3412/5
Level	Level 2
Total qualification time	260 hours
Guided learning hours	124
Assessment	Pass or fail Internally assessed and verified by centre staff External quality assurance by ProQual verifiers
Qualification start date	10/7/2018
Qualification end date	31/7/2026

Entry Requirements

There are no formal entry requirements for this qualification.

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

Qualification Structure

Candidates must complete the Mandatory units within one of the Pathways.

Candidates may also complete any of the Additional Units but these will not count towards the qualification.

CITB references and credit values are provided in this document for information only.

Pathways

There are 3 Pathways, the Mandatory requirements for each are listed below.

Pathway 1: Cold Formed Steel Frame – Assembly

Pathway 2: Erection of Precast Concrete – Flooring

Pathway 3: Erection of Precast Concrete - Cladding

Pathway 1 : Cold Formed Steel Frame - Assembly

Candidates must complete **FOUR** Mandatory units.

Mandatory Units			<i>CITB reference provided for information only</i>
Unit Ref.	Title	Level	<i>CITB Internal Unit Ref.</i>
M/508/6537	Conforming to general health, safety and welfare in the workplace	1	641
T/508/6538	Conforming to productive working practices in the workplace	2	642
Y/508/6533	Moving, handling and storing resources in the workplace	2	643
A/617/1438	Preparing and assembling cold formed steel frames in the workplace	2	499v2

Pathway 1 Additional Units

Candidates may complete any of the Additional Units but these will not count towards the qualification.

Additional Units			<i>CITB reference provided for information only</i>
Unit Ref.	Title	Level	<i>CITB Internal Unit Ref.</i>
F/616/1705	Install sheeting and cladding systems on roofs and walls in the workplace	2	95v2
L/616/1707	Preparing backing walls to receive rainscreen wall cladding systems in the workplace	3	183v3
A/508/6525	Slings and hand signalling the movement of suspended loads in the workplace	2	402Av1

Pathway 2 : Erection of Precast Concrete - Flooring

Candidates must complete **FIVE** Mandatory units.

Mandatory Units			<i>CITB reference provided for information only</i>
Unit Ref.	Title	Level	<i>CITB Internal Unit Ref.</i>
M/508/6537	Conforming to general health, safety and welfare in the workplace	1	641
T/508/6538	Conforming to productive working practices in the workplace	2	642
Y/508/6533	Moving, handling and storing resources in the workplace	2	643
H/615/1734	Erecting precast concrete flooring units in the workplace	2	180v2
A/508/6525	Slinging and hand signalling the movement of suspended loads in the workplace	2	402Av1

Pathway 2 Additional Units

Candidates may complete any of the Additional Units but these will not count towards the qualification.

Additional Units			<i>CITB reference provided for information only</i>
Unit Ref.	Title	Level	<i>CITB Internal Unit Ref.</i>
K/508/4648	Preparing and operating scissor-type mobile elevating work platforms (MEWP) in the workplace	2	392Av3
M/506/4649	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace	2	392Bv3
T/508/6510	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace	2	392Cv3

Pathway 3 : Erection of Precast Concrete - Cladding

Candidates must complete **FIVE** Mandatory units.

Mandatory Units			<i>CITB reference provided for information only</i>
Unit Ref.	Title	Level	<i>CITB Internal Unit Ref.</i>
M/508/6537	Conforming to general health, safety and welfare in the workplace	1	641
T/508/6538	Conforming to productive working practices in the workplace	2	642
Y/508/6533	Moving, handling and storing resources in the workplace	2	643
A/615/1738	Erecting precast concrete cladding units in the workplace	2	181v2
A/508/6525	Slings and hand signalling the movement of suspended loads in the workplace	2	402Av1

Pathway 3 Additional Units

Candidates may complete any of the Additional Units but these will not count towards the qualification.

Additional Units			<i>CITB reference provided for information only</i>
Unit Ref.	Title	Level	<i>CITB Internal Unit Ref.</i>
K/508/4648	Preparing and operating scissor-type mobile elevating work platforms (MEWP) in the workplace	2	392Av3
M/506/4649	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace	2	392Bv3
T/508/6510	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace	2	392Cv3

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 occupationally competent.

Assessors/Internal Quality Assurance

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

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

Support for Candidates

Materials produced by centres to support candidates should:

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

Assessment

Candidates must demonstrate the level of knowledge described in the unit. Assessment is the process of measuring a candidate's knowledge and understanding against the standards set in the qualification.

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

- Evidence can include:
- assignments/projects/reports
 - worksheets
 - portfolio of evidence
 - record of oral and/or written questioning
 - candidate test papers

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 for this qualification can be found from page 11 onwards.

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 qualifications will be awarded a certificate listing the unit achieved, and a certificate giving the full qualification title -

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Claiming certificates

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

Replacement certificates

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

Title:	Conforming to general health, safety and welfare in the workplace.	
Unit Number:	M/508/6537	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Comply with all workplace health, safety and welfare legislation requirements.	1.1	Comply with information from workplace inductions and any health, safety and welfare briefings attended relevant to the occupational area.
	1.2	Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements.
	1.3	Comply with statutory requirements, safety notices and warning notices displayed within the workplace and/or on equipment.
	1.4	State why and when health and safety control equipment, identified by the principles of protection, should be used relating to types, purpose and limitations of each type, the work situation, occupational use and the general work environment, in relation to: <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
	1.5	State how the health and safety control equipment relevant to the work should be used in accordance with the given instructions.
	1.6	State which types of health, safety and welfare legislation, notices and warning signs are relevant to the occupational area and associated equipment.
	1.7	State why health, safety and welfare legislation, notices and warning signs are relevant to the occupational area.
	1.8	State how to comply with control measures that have been identified by risk assessments and safe systems of work.
2 Recognise hazards associated with the workplace that have not been previously controlled and report them in accordance with organisational procedures.	2.1	Report any hazards created by changing circumstances within the workplace in accordance with organisational procedures.
	2.2	List typical hazards associated with the work environment and occupational area in relation to resources, substances, asbestos, equipment, obstructions, storage, services and work activities.
	2.3	List the current Health and Safety Executive top ten safety risks.

Title:	Conforming to general health, safety and welfare in the workplace.	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
2 continued	2.4	List the current Health and Safety Executive top five health risks.
	2.5	State how changing circumstances within the workplace could cause hazards.
	2.6	State the methods used for reporting changed circumstances, hazards and incidents in the workplace.
3 Comply with organisational policies and procedures to contribute to health, safety and welfare.	3.1	Interpret and comply with given instructions to maintain safe systems of work and quality working practices.
	3.2	Contribute to discussions by offering/providing feedback relating to health, safety and welfare.
	3.3	Contribute to the maintenance of workplace welfare facilities in accordance with workplace welfare procedures.
	3.4	Safely store health and safety control equipment in accordance with given instructions.
	3.5	Dispose of waste and/or consumable items in accordance with legislation.
	3.6	State the organisational policies and procedures for health, safety and welfare, in relation to: <ul style="list-style-type: none"> – dealing with accidents and emergencies associated with the work and environment – methods of receiving or sourcing information – reporting – stopping work – evacuation – fire risks and safe exit procedures – consultation and feedback.
	3.7	State the appropriate types of fire extinguishers relevant to the work.
	3.8	State how and when the different types of fire extinguishers are used in accordance with legislation and official guidance.

Title:	Conforming to general health, safety and welfare in the workplace.	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
4 Work responsibly to contribute to workplace health, safety and welfare whilst carrying out work in the relevant occupational area.	4.1	Demonstrate behaviour which shows personal responsibility for general workplace health, safety and welfare.
	4.2	State how personal behaviour demonstrates responsibility for general workplace health, safety and welfare, in relation to: <ul style="list-style-type: none"> – recognising when to stop work in the face of serious and imminent danger to self and/or others – contributing to discussions and providing feedback – reporting changed circumstances and incidents in the workplace – complying with the environmental requirements of the workplace.
	4.3	Give examples of how the behaviour and actions of individuals could affect others within the workplace.
5 Comply with and support all organisational security arrangements and approved procedures.	5.1	Provide appropriate support for security arrangements in accordance with approved procedures: <ul style="list-style-type: none"> – during the working day – on completion of the day's work – for unauthorised personnel (other operatives and the general public) – for theft.
	5.2	State how security arrangements are implemented in relation to the workplace, the general public, site personnel and resources.

Title:	Conforming to general health, safety and welfare in the workplace.
Additional 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	7

Title:	Conforming to productive working practices in the workplace	
Unit Number:	T/508/6538	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Communicate with others to establish productive work practices.	1.1	Communicate in an appropriate manner with line management, colleagues and/or customers to ensure that work is carried out productively.
	1.2	Describe the different methods of communicating with line management, colleagues and customers.
	1.3	Describe how to use different methods of communication to ensure that the work carried out is productive.
2 Follow organisational procedures to plan the sequence of work.	2.1	Interpret relevant information from organisational procedures in order to plan the sequence of work.
	2.2	Plan the sequence of work, using appropriate resources, in accordance with organisational procedures to ensure work is completed productively.
	2.3	Describe how organisational procedures are applied to ensure work is planned and carried out productively, in relation to: <ul style="list-style-type: none"> – using resources for own and other’s work requirements – allocating appropriate work to employees – organising the work sequence – reducing carbon emissions.
	2.4	Describe how to contribute to zero/low carbon work outcomes within the built environment.
3 Maintain relevant records in accordance with the organisational procedures.	3.1	Complete relevant documentation according to the occupation as required by the organisation.
	3.2	Describe how to complete and maintain documentation in accordance with organisational procedures, in relation to: <ul style="list-style-type: none"> – job cards – worksheets – material/resource lists – time sheets.
	3.3	Explain the reasons for ensuring documentation is completed clearly and within given timescales.
4 Maintain good working relationships when conforming to productive working practices.	4.1	Carry out work productively, to the agreed specification, in conjunction with line management, colleagues, customers and/or other relevant people involved in the work to maintain good working relationships.

Title:	Conforming to productive working practices in the workplace
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
	4.2 Apply the principles of equality and diversity and respect the needs of individuals when communicating and working with others.
	4.3 Describe how to maintain good working relationships, in relation to: <ul style="list-style-type: none"> – individuals – customer and operative – operative and line management – own and other occupations.
	4.4 Describe why it is important to work effectively with line management, colleagues and customers.
	4.5 Describe how working relationships could have an effect on productive working.
	4.6 Describe how to apply principles of equality and diversity when communicating and working with others.

Title:	Conforming to Productive Working Practices in the Workplace
Additional 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	10

Title:	Moving, handling and storing resources in the workplace
Unit Number	Y/508/6533
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
1 Comply with given information when moving, handling and/or storing resources.	1.1 Interpret the given information relating to moving, handling and/or storing resources, relevant to the given occupation.
	1.2 Interpret the given information relating to the use and storage of lifting aids and equipment.
	1.3 Describe the different types of technical, product and regulatory information, their source and how they are interpreted.
	1.4 State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.5 Describe how to obtain information relating to using and storing lifting aids and equipment.
2 Know how to comply with relevant legislation and official guidance when moving, handling and/or storing resources.	2.1 Describe their responsibilities under current legislation and official guidance whilst working: <ul style="list-style-type: none"> – in the workplace, in confined spaces, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	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 the reports.
	2.4 State the appropriate types of fire extinguishers relevant to the work.
	2.5 Describe how and when the different types of fire extinguishers, relevant to the given occupation, are used in accordance with legislation and official guidance.
3 Maintain safe working practices when moving, handling and/or storing resources.	3.1 Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements when moving, handling and/or storing resources.
	3.2 Use lifting aids safely as appropriate to the work.

Title:	Moving, handling and storing resources in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
3 continued	3.3	Protect the environment in accordance with safe working practices as appropriate to the work.
	3.4	Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to moving, handling and/or storing resources, and the types, purpose and limitations of each type, the work situation, occupational use and the general work environment, in relation to: <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
	3.5	Describe how the health and safety control equipment relevant to the work should be used in accordance with the given instructions.
	3.6	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.
4 Select the required quantity and quality of resources for the methods of work to move, handle and/or store occupational resources.	4.1	Select the relevant resources to be moved, handled and/or stored, associated with own work.
	4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the occupational resources in relation to: <ul style="list-style-type: none"> – lifting and handling aids – container(s) – fixing, holding and securing systems.
	4.3	Describe how the resources should be handled and how any problems associated with the resources are reported.
	4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
	4.5	Describe any potential hazards associated with the resources and methods of work.
5 Prevent the risk of damage to occupational resources and surrounding environment when moving, handling and/or storing resources.	5.1	Protect occupational resources and their surrounding area from damage in accordance with safe working practices and organisational procedures.
	5.2	Dispose of waste and packaging in accordance with legislation.

Title:		Moving, handling and storing resources in the workplace	
Learning outcomes <i>The learner will be able to:</i>		Assessment criteria <i>The learner can:</i>	
5	continued	5.3	Maintain a clean work space when moving, handling or storing resources.
		5.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
		5.5	Explain why the disposal of waste should be carried safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when moving, handling and/or storing resources.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	State the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given occupational resource information to move, handle and/or store resources to the required guidance.	7.1	Demonstrate the following work skills when moving, handling and/or storing occupational resources: <ul style="list-style-type: none"> – moving, positioning, storing, securing and/or using lifting aids and kinetic lifting techniques.
		7.2	Move, handle and/or store occupational resources to meet product information and organisational requirements relating to three of the following: <ul style="list-style-type: none"> – sheet material – loose material – bagged or wrapped material – fragile material – tools and equipment – components – liquids.
		7.3	Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them when moving, handling and/or storing occupational resources.
		7.4	Describe the needs of other occupations when moving, handling and/or storing resources.

Title:	Moving, handling and storing resources 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	17

Title:	Preparing and assembling cold formed steel frames in the workplace
Unit Number:	A/617/1438
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 assembling cold formed steel frames.	1.1 Interpret and extract relevant information from drawings, specifications, digital information, 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, digital information and 3D modelling, methods statements, risk assessments, manufacturers' technical information, official guidance and current regulations governing buildings relating to the assembly of cold form steel frames.
2 Know how to comply with relevant legislation and official guidance when assembling cold formed steel frames.	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 site, workplace, company, operative and vehicles.
	2.3 Explain what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe and healthy working practices when assembling cold formed steel frames.	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 assembling cold formed steel frames.

Title:	Preparing and assembling cold formed steel frames in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
3 continued	3.2	Demonstrate compliance with given information and relevant legislation when assembling cold formed steel frames 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 the assembling of cold formed steel frames, 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 – local exhaust ventilation (LEV) – personal protective equipment (PPE) – respiratory protective equipment (RPE).
	3.4	Describe how the relevant health and safety control equipment should be used in accordance with given working instructions.
	3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
4 Select the required quantity and quality of resources for the methods of work to assemble cold formed steel frames.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools, equipment and consumables.
	4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> – steel components for walls, floors, support structures and roofs, insulation materials, fixings, fittings, sheet materials – consumables – hand tools, portable power tools and equipment.
	4.3	Describe how to confirm that the resources and materials conform to the specification.
	4.4	Describe how the resources should be used correctly and how problems associated with the resources are reported.

Title:	Preparing and assembling cold formed steel frames in the workplace	
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 the 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 assemble cold formed steel frames.
5 Minimise the risk of damage to the work and surrounding area when assembling cold formed steel frames.	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 assembling cold formed steel frames.	6.1	Demonstrate completion of the work within the estimated, 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 prepare and assemble cold formed steel frames to the required specification.	7.1	Demonstrate the following work skills when preparing and assembling cold formed steel frames: <ul style="list-style-type: none"> – measuring, marking out, aligning, cutting, fitting, finishing, positioning and securing.
	7.2	Use and maintain hand tools, portable power tools and ancillary equipment.

Title:	Preparing and assembling cold formed steel frames in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
7 continued	7.3	Prepare and assemble cold formed steel for at least one of the following to given working instructions: <ul style="list-style-type: none"> – wall frames – floor frames – support structures – roofs.
	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"> – provide information for Building Information Modelling (BIM) – prepare and assemble load and non-load bearing wall frames, floor frames, support structures and roofs to the given specification – set up a workstation prior to assembly – recognise and determine when specialist skills and knowledge are required and report accordingly – identify and follow the installation quality requirements – work with, around and in close proximity to plant and machinery – direct and guide the operations and movement of plant and machinery – use hand tools, portable power tools and equipment – work at height – use access equipment – economise the use of water, report leaks and turn taps off.
	7.5	Describe the needs of other occupations and how to communicate effectively within a team when assembling cold formed steel frames.
	7.6	Describe how to maintain the tools and equipment used for assembling cold formed steel frames.

Title:	Preparing and assembling cold formed steel frames 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 Certificate in Construction using Off-site Manufactured Assemblies (Construction):</u></p> <p>One of the following endorsements required:</p> <ul style="list-style-type: none"> Wall frames Floor frames Support structures Roofs
Sector Subject Area	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	90
Assessment hours	10

Title:	Erecting precast concrete flooring units in the workplace
Unit Number:	H/615/1734
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 erecting precast concrete flooring units.	1.1 Interpret and extract relevant information from drawings, specifications, schedules, digital information, 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, digital information and 3D modelling, method statements, risk assessments, manufacturers' information, Codes of Practice, official guidance and current regulations associated with erecting precast concrete flooring units.
2 Know how to comply with relevant legislation and official guidance when erecting precast concrete flooring units.	2.1 Describe their responsibilities regarding potential accidents, temporary works, 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 site, workplace, company, operative and vehicles.
	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 erecting precast concrete flooring units and describe how and when they are used.

Title:	
Erecting precast concrete flooring units 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 erecting precast concrete flooring units.	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 erecting precast concrete flooring units.
	3.2 Demonstrate compliance with given information and relevant legislation when erecting precast concrete flooring units in relation to at least two of the following: <ul style="list-style-type: none"> – safe use of access equipment and working platforms – 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 erecting precast concrete flooring units, 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 – local exhaust ventilation (LEV) – personal protective equipment (PPE) – respiratory protective equipment (RPE).
	3.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
	3.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
4 Select the required quantity and quality of resources for the methods of work to erect precast concrete flooring units.	4.1 Select resources associated with own work in relation to precast concrete flooring units, temporary works equipment, materials, components, fixings, hand tools, power tools, ancillary equipment and lifting accessories.
	4.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> – precast concrete flooring units – fittings and fixings – lifting accessories – fall prevention systems – shuttering (formwork and propping) – jointing materials (adhesives and mortars) – temporary works equipment – hand tools, portable power tools and equipment.

Title:	Erecting precast concrete flooring units in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
4 continued	4.3	Describe how to confirm that the resources and materials conform to the specification.
	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 method of work.
	4.7	Describe how to calculate quantity, length, area and wastage associated with the method and procedure to erect precast concrete flooring units.
5 Minimise the risk of damage to the work and surrounding area when erecting precast concrete flooring units.	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 erecting precast concrete flooring units.	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.

Title:	Erecting precast concrete flooring units in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
7 Comply with the given contract information to erect precast concrete flooring units to the required specification.	7.1 Demonstrate the following work skills when erecting precast concrete flooring units: <ul style="list-style-type: none"> – measuring, marking out, lifting, positioning and adjusting. 	
	7.2 Use and maintain hand tools, portable power tools and ancillary equipment.	
	7.3 Erect and position precast concrete flooring units to given working instructions, including at least one of the following: <ul style="list-style-type: none"> – lay screeds – grout joints – shutter (formwork, temporary works) – install reinforcement. 	
	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"> – ensure fall protection safety measures are in place as specified (e.g. fall protection, safety nets, air bags, fall arrest systems, fall prevention systems) – provide information for Building Information Modelling (BIM) – select and use lifting accessories – support lifting operations – position precast concrete flooring units – position associated concrete units e.g. stairs, landings and balconies – select and mix jointing materials to specification (adhesives and mortars) – lay screeds – install reinforcement – erect and dismantle temporary formwork (shutters) and propping – grout joints – form chases and holes for utility services (pipework, cables and ducting) – recognise and determine when specialist skills and knowledge are required and report accordingly – identify and follow the installation quality requirements – work with, around and in close proximity to plant and machinery – direct and guide the operations and movement of plant and machinery – use hand tools, portable power tools and equipment – work at height – use access equipment and working platforms (e.g. decking systems, access platforms, mobile towers and other mobile equipment, scaffolding, edge protection and ladders) – economise use of water, report leaks and turn taps off. 	

Title:	Erecting precast concrete flooring units in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
7 continued	7.5	Describe the needs of other occupations and trades, and how to communicate effectively within a team when erecting precast concrete flooring units.
	7.6	Describe how to maintain the tools and equipment used when erecting precast concrete flooring units.

Title:	Erecting precast concrete flooring units 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>	
Sector Subject Area	5.2 Building and Construction	
Availability for use	Shared unit	
Unit guided learning hours	130	
Assessment hours	20	

Title:	Slinging and hand signalling the movement of suspended loads in the workplace	
Unit Number:	A/508/6525	
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 preparation for and the slinging and signalling of loads.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, risk assessments, method statements (lift plans) 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, lift plans, work instructions, manufacturers' information, approved procedures and Codes of Practice.
2 Organise with others the sequence and operation in which the slinging and signalling of loads is 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 when slinging and signalling of loads.
3 Know how to comply with relevant legislation and official guidance to carry out slinging and signalling of loads.	3.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <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.

Title:	Slinging and hand signalling the movement of suspended loads in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
<p>4 Maintain safe and healthy working practices when preparing for and slinging and signalling loads.</p>	<p>4.1 Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with legislation and organisational requirements when slinging and signalling loads.</p>	
	<p>4.2 Demonstrate compliance with given information and relevant legislation when carrying out the slinging and signalling of loads in relation to at least three of the following:</p> <ul style="list-style-type: none"> – safe use and storage of tools and equipment – safe use, storage and handling of lifting accessories – safe use of access equipment – specific risks to health. 	
	<p>4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to slinging and signalling of loads, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). 	
	<p>4.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.</p>	
	<p>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.</p>	
<p>5 Select the required quantity and quality of resources to prepare for and when slinging and signalling loads.</p>	<p>5.1 Select resources associated with slinging/signalling in relation to lifting accessories/aids, hand tools and ancillary equipment.</p>	
	<p>5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to:</p> <ul style="list-style-type: none"> – lifting accessories – signalling and communication equipment – hand tools and ancillary equipment. 	
	<p>5.3 Describe how the resources should be used correctly, and how problems associated with the resources are reported.</p>	

Title:	Slinging and hand signalling the movement of suspended loads 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, quantity, length and area associated with the method/procedures to carry out slinging/signalling.
6 Minimise the risk of damage to the work and surrounding area when preparing to and slinging and signalling loads.	6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	6.2	Prevent damage and maintain a clean work space.
	6.3	Dispose of waste in accordance with current legislation.
	6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
	6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7 Complete the work within the allocated time when preparing to and slinging and signalling loads.	7.1	Demonstrate completion of the work within the allocated time.
	7.2	Describe the purpose of the work programme and describe why deadlines should be kept in relation to: <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.

Title:	Slinging and hand signalling the movement of suspended loads in the workplace
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
<p>8 Comply with the given contract information to prepare to and sling and signal suspended loads for movement to the required specification.</p>	<p>8.1 Demonstrate the following work skills when preparing to and slinging and signalling loads:</p> <ul style="list-style-type: none"> – measuring, gauging, estimating, calculating, fitting, fixing, testing, balancing, interpreting, inspecting, judging, explaining, preparing, indicating, informing, instructing, signing, positioning, adjusting, configuring, moving, securing, signalling and relaying.
	<p>8.2 Use and maintain lifting accessories, lifting aids and equipment.</p>
	<p>8.3 Inspect and prepare lifting accessories prior to slinging.</p>
	<p>8.4 Prepare to and attach suspended loads to lifting equipment, using appropriate lifting accessories and load securing methods, to given working instructions for three of the following:</p> <ul style="list-style-type: none"> – balanced – unbalanced – loose – bundled – container – drum – a load where the machine operator cannot observe its full movement path.
	<p>8.5 Guide, move and place suspended loads to specified destinations, using hand signals, to given working instructions for three of the following:</p> <ul style="list-style-type: none"> – balanced – unbalanced – loose – bundled – container – drum – a load where the machine operator cannot observe its full movement path.
	<p>8.6 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: slinging and signalling, directing and guiding movement of vehicles, plant and machinery, and directing and guiding operations of plant and machinery not being used for lifting operations – confirm the authority, duties and responsibilities allocated – identify characteristics of lifting equipment and lifting accessories – identify and interpret valid certification for maintenance, inspection and thorough examination

Title:	Slinging and hand signalling the movement of suspended loads in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
8 Continued	8.7	<ul style="list-style-type: none"> – lift and transfer people – sling balanced, unbalanced, loose, live, bundled, container drum loads and loads that are blind to the equipment operator – communicate using hand signals, hand signalling equipment (lights, wands, fluorescent gloves, flags) and electronic communication equipment (loud hailers, radios) – confirm methods of communication – recognise blind-spots, potential crush zones and other limitations to driver visibility – consider the load characteristics including centre of gravity and lifting points to determine the method of slinging – determine and check the route of the load before and during the lift including distances, clearances and landing position
	8.8	<ul style="list-style-type: none"> – select, handle, inspect and use (assemble, set up and adjust) lifting accessories and aids – identify rejection criteria for removing lifting accessories from service – recognise and determine when specific skills and knowledge are required and report accordingly – attach lifting accessories and sling loads securely – ensure balance and stability of loads – attach and use load guidance equipment (tag lines) – guide and place suspended loads by recognised methods of communication and agreed operational procedures – land and position loads safely and securely – remove and store lifting accessories – use hand tools and ancillary equipment.
	8.9	Describe the needs of other occupations and how to communicate within a team when preparing to and slinging and signalling loads.
	8.10	Describe how to maintain the lifting accessories, lifting aids and signalling and communication equipment used to sling and signal loads.

Title:	Slinging and hand signalling the movement of suspended loads in the workplace
Additional 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 Certificate in Construction using Off-site Manufactured Assemblies (Construction):</u></p> <p>One of the following endorsements required (i.e. own area of work):</p> <p>Slinger/signaller – Construction using Off-site Manufactured Assemblies – Cold Formed Steel Frame Assembly</p>
Sector subject areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	33

Title:	Erecting precast concrete cladding units in the workplace
Unit Number:	A/615/1738
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 erecting precast concrete cladding units.	1.1 Interpret and extract relevant information from drawings, specifications, schedules, digital information, 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, digital information and 3D modelling, method statements, risk assessments, manufacturers' information, Codes of Practice, official guidance and current regulations associated with erecting precast concrete cladding units.
2 Know how to comply with relevant legislation and official guidance when erecting precast concrete cladding units.	2.1 Describe their responsibilities regarding potential accidents, health hazards, temporary works 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 site, workplace, company, operative and vehicles.
	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 erecting precast concrete cladding units and describe how and when they are used.

Title:	Erecting precast concrete cladding units in the workplace	
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 erecting precast concrete cladding units.</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 erecting precast concrete cladding units.</p>	
	<p>3.2 Demonstrate compliance with given information and relevant legislation when erecting precast concrete cladding units in relation to the following:</p> <ul style="list-style-type: none"> – safe use of access equipment and working platforms – safe use, 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 erecting precast concrete cladding units, 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 – local exhaust ventilation (LEV) – personal protective equipment (PPE) – respiratory protective equipment (RPE). 	
	<p>3.4 Describe how the relevant health and safety control equipment should be used in accordance with the given 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 erect precast concrete cladding units.</p>	<p>4.1 Select resources associated with own work in relation to precast concrete cladding units and fixings, temporary works equipment, materials, components and fixings, hand tools, power tools, ancillary equipment and lifting accessories.</p>	

Title:	Erecting precast concrete cladding units in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
4 continued	4.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> – precast concrete cladding units – fittings and fixings – lifting accessories – fall prevention systems – shuttering (formwork and propping) – jointing materials (adhesives and mortar) – temporary works equipment – hand tools, portable power tools and equipment. 	4.3 Describe how to confirm that the resources and materials conform to the specification.
	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 erect precast concrete cladding units.
5 Minimise the risk of damage to the work and surrounding area when erecting precast concrete cladding units.	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.	

Title:	Erecting precast concrete cladding units 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 erecting precast concrete cladding units.	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 erect precast concrete cladding units to the required specification.	7.1	Demonstrate the following work skills when erecting precast concrete cladding units: <ul style="list-style-type: none"> – measuring, marking out, lifting, pitching, fitting, positioning, adjusting, laying and finishing.
	7.2	Use and maintain hand tools, portable power tools and ancillary equipment.
	7.3	Erect precast concrete cladding to given working instructions: <ul style="list-style-type: none"> – position cladding units – fix cladding units – erect and dismantle temporary propping – shutter (formwork, temporary works) and grout joints – install reinforcement
	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"> – ensure fall protection safety measures are in place as specified (e.g. fall protection, safety nets, air bags, fall arrest systems and fall prevention systems) – provide information for Building Information Modelling (BIM) – select and use lifting accessories – support lifting operations – position precast concrete cladding units – fix precast concrete cladding units – position associated concrete units e.g. flooring, structural, stairs – select and mix jointing materials to specification (adhesives and mortars) – erect and dismantle temporary formwork (shutters) and propping – install reinforcement – grout joints – place in-situ concrete

Title:	Erecting precast concrete cladding units in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
7 continued	7.4 cont	<ul style="list-style-type: none"> – form chases and holes for utility services (pipework, cables and ducting) – recognise and determine when specialist skills and knowledge are required and report accordingly – identify and follow the installation quality requirements – work with, around and in close proximity to plant and machinery – direct and guide the operations and movement of plant and machinery – use hand tools, portable power tools and equipment – work at height – use access equipment and working platforms (e.g. decking systems, access platforms, mobile towers and other mobile equipment, scaffolding, edge protection and ladders) – economise use of water, report leaks and turn taps off.
	7.5	Describe the needs of other occupations and trades and how to effectively communicate effectively within a team when erecting precast concrete cladding units.
	7.6	Describe how to maintain the tools and equipment used when erecting precast concrete cladding units.

Title:	Erecting precast concrete cladding units 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	130
Assessment hours	20

Title:	Installing sheeting and cladding systems on roofs and walls in the workplace	
Unit Number:	F/616/1705	
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 sheeting and cladding systems on roofs and walls.	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 statements, risk assessments, manufacturers' information, oral and written procedures, site inductions, current regulations governing buildings and official guidance associated with the installation of sheeting and cladding systems.
2 Know how to comply with relevant legislation and official guidance when installing sheeting and cladding systems on roofs and walls.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: <ul style="list-style-type: none"> – in the workplace, 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 and with mechanical access equipment.
	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 report.
3 Maintain safe and healthy working practices when installing sheeting and cladding systems on roofs and walls.	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 sheeting and cladding systems on roofs and walls.

Title:	Installing sheeting and cladding systems on roofs and walls in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
3 Continued	3.2 Demonstrate compliance with given information and relevant legislation when installing sheeting and cladding systems on roofs and walls 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 sheeting and cladding systems on roofs and walls, 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) 	
	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, falls, rescue procedures and other task-related activities.	
4 Select the required quantity and quality of resources for the methods of work to install sheeting and cladding systems on roofs and walls.	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"> – fixings, fasteners, flashings, fittings, halters, spacer systems and clips, – insulation, vapour control, separation and breather membranes – sealants and fillers – metal and translucent sheets, built up, standing seam, secret fix, composite panels, decking panels and fibre cement systems – hand tools, portable power tools and equipment. 	

Title:	Installing sheeting and cladding systems on roofs and walls in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
4 Continued	4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
	4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
	4.5	Describe any potential hazards associated with the resources and method of work.
	4.6	Describe the methods of calculating quantity, length, area and wastage associated with the method and procedure to install sheeting and cladding systems on roofs and walls.
5 Minimise the risk of damage to the work and surrounding area when installing sheeting and cladding systems on roofs and walls.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	5.2	Prevent damage and maintain a clean 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 installing sheeting and cladding systems on roofs and walls.	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.

Title:	Installing sheeting and cladding systems on roofs and walls in the workplace
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
7 Comply with the given contract information to install sheeting and cladding systems on roofs and walls to the required specification.	7.1 Demonstrate the following work skills when installing sheeting and cladding systems on roofs and walls: <ul style="list-style-type: none"> – measuring, setting out, adjusting, aligning, levelling plumb, fitting, fixing and finishing.
	7.2 Use and maintain hand tools, portable power tools and ancillary equipment.
	7.3 Install sheeting and cladding materials to roofs and walls, to include flashings, openings, vents, up-stands, protrusions and penetrations to given working instructions for one of the following systems: <ul style="list-style-type: none"> – built-up – standing seam – secret fix – composite panel – fibre-cement
	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 installation quality requirements – conform to agreed specifications – conform to manufacturers’ installation criteria – identify, recognise and work to gridlines and datum marks – position and secure fixings, halts, spacers, clips, fittings and sheets – deal with damaged and incorrect sheeting, cladding materials and resources – install built up, standing seam, secret fix, composite panels and fibre cement systems – install decking and structural panels – maintain the integrity of surfaces, backgrounds, sheets and panels – position and secure vents – install insulation – measure, cut, fit, shape and fix flashing materials

Title:	Installing sheeting and cladding systems on roofs and walls 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"> – install translucent sheets, condensation and vapour control materials – form and shape components for openings, vents, up-stands, protrusions and penetrations – ensure the integrity of joints, overlaps and interface details – apply sealants and install fillers to ensure water and airtight seals – check quality and suitability of work on completion and at the end of each working period – recognise and determine when additional specialist skills and knowledge are required and report accordingly – work from mobile elevating work platforms – work with, around and in close proximity to plant and machinery – 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 sheeting and cladding systems on roofs and walls.
	7.6	Describe how and when to maintain the tools and equipment used when installing sheeting and cladding systems on roofs and walls.

Title:	Installing sheeting and cladding systems on roofs and walls 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 Certificate in Construction using Off-site Manufactured Assemblies (Construction):</u></p> <p>The following endorsement required (i.e. own area of work): Cold Formed Steel Frame</p> <p>Plus one of the following endorsements required: Built up Standing seam Secret fix Composite panel Fibre-cement</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	67

Title:	Preparing backing walls to receive rainscreen wall cladding systems in the workplace	
Unit Number:	L/616/1707	
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 preparing backing walls to receive rainscreen wall cladding systems.	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 statements, risk assessments, manufacturers' information, current regulations governing buildings and official guidance associated with preparing backing walls and installing support systems to receive rainscreen wall cladding systems.
2 Know how to comply with relevant legislation and official guidance when preparing backing walls to receive rainscreen wall cladding systems.	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 and with mechanical access equipment.
	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.
3 Maintain safe and healthy working practices when preparing backing walls to receive rainscreen wall cladding systems.	3.1	Use safe and healthy control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when preparing backing walls to receive rainscreen wall cladding systems.

Title:	Preparing backing walls to receive rainscreen wall cladding systems in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
3 continued	3.2	Demonstrate compliance with given information and relevant legislation when preparing backing walls to receive rainscreen wall cladding systems. 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 associated 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 preparing backing walls to receive rainscreen wall cladding systems, 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).
	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, falls, rescue procedures and other task-related activities.
4 Select the required quantity and quality of resources for the methods of work to prepare backing walls to receive rainscreen wall cladding systems.	4.1	Select resources associated with own work in relation to materials, components and specialised fixings for compatible materials, tools and equipment, access 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"> – fixings, fasteners, flashings, fittings, halters carriers, rails, brackets and spacer systems – insulation, vapour control, separation and breather membranes, primers, cleaning agents, sealing tapes, sealants and fillers – hand tools, portable power tools and equipment.

Title:	Preparing backing walls to receive rainscreen wall cladding systems in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
4 continued	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 the methods of calculating quantity, length, area and wastage associated with the method and procedure to prepare backing walls to receive rainscreen wall cladding systems.
5 Minimise the risk of damage to the work and surrounding area when preparing backing walls to receive rainscreen wall cladding systems.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	5.2	Prevent damage and maintain a clean 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 preparing backing walls to receive rainscreen wall cladding systems.	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.

Title:	Preparing backing walls to receive rainscreen wall cladding systems in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
7 Comply with the given contract information to prepare backing walls to receive rainscreen wall cladding systems to the required specification.	7.1	Demonstrate the following work skills when preparing backing walls to receive rainscreen wall cladding systems: <ul style="list-style-type: none"> – measuring, marking out, cutting, levelling, plumb, adjusting, fitting, positioning, fixing and securing.
	7.2	Use and maintain hand tools, portable power tools and ancillary equipment.
	7.3	Prepare backing walls and install rainscreen wall cladding vertical and horizontal support systems to given working instructions.
	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 installation quality requirements – conform to agreed specification – confirm manufacturers’ installation criteria – assess suitability of backing walls – check currency of calibration for levelling equipment – identify datum, establish, work to and transfer levels and plumb lines – install proprietary vertical and horizontal support systems – install bespoke vertical and horizontal support systems – measure, mark out and cut supports to form internal and external angles – form opening reveals – adjust, fit, position, fix and secure brackets and fixing components for rainscreen wall cladding support systems – install insulation, fire stops, breather membranes and vapour control layers – check quality and suitability of work on completion and at the end of each working period – 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 – work with, around and in close proximity to plant and machinery

Title:	Preparing backing walls to receive rainscreen wall cladding systems 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"> – work from mobile elevating work platforms – 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 preparing backing walls to receive rainscreen wall cladding systems.
	7.6	Describe how and when to maintain the tools and equipment used when preparing backing walls to receive rainscreen wall cladding systems.

Title:	Preparing backing walls to receive rainscreen wall cladding systems 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>	
Sector Subject Areas	5.2 Building and Construction	
Availability for use	Shared unit	
Unit guided learning hours	67	

Title:	Preparing and operating scissor-type mobile elevating work platforms (MEWP) in the workplace	
Unit Number:	K/508/4648	
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 preparation and using scissor-type MEWPs to access areas to carry out the work.	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 statements, risk assessments, manufacturers' information and current regulations governing the operation of plant and machinery used as work platforms.
2 Organise with others the sequence and operation in which accessing operations using scissor-type MEWPs 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 accessing operations.
3 Know how to comply with relevant legislation and official guidance when carrying out accessing operations using scissor-type MEWPs.	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.

Title:	Preparing and operating scissor-type mobile elevating work platforms (MEWP) 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 preparing for and carrying out accessing operations using scissor-type MEWPs.	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 accessing operations.	
	4.2 Demonstrate compliance with given information and relevant legislation when carrying out accessing operations using scissor-type MEWPs in relation to two or more of the following: <ul style="list-style-type: none"> – safe use and storage of plant or machinery – safe use and storage of tools and equipment – specific risks to health. 	
	4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to accessing operations, 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, other task-related activities and rescue plans.	
5 Request and select the required quantity and quality of resources to prepare for and carry out accessing operations using scissor-type MEWPs.	5.1 Request and select resources associated with scissor-type MEWPs in relation to consumables, materials, tools, ancillary equipment and/or accessories.	
	5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: <ul style="list-style-type: none"> – consumables, lubricants and fuels – attachments and accessing aids – hand tools, ancillary equipment and accessories. 	
	5.3 Describe how the resources should be used correctly, how problems associated with the resources are reported.	

Title:	Preparing and operating scissor-type mobile elevating work platforms (MEWP) 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, quantity, length and area associated with the method/procedures to operate scissor-type mobile elevating work platforms used for accessing operations.
6 Minimise the risk of damage to the work and surrounding area when preparing to and accessing work areas.	6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	6.2	Prevent damage and maintain a clean work space.
	6.3	Dispose of waste in accordance with current legislation.
	6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
	6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7 Complete the work within the allocated time when preparing to and accessing work areas using scissor-type MEWPs.	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.

Title:	Preparing and operating scissor-type mobile elevating work platforms (MEWP) in the workplace	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
8 Comply with the given contract information to access areas to carry out work using scissor-type MEWPs to the required specification.	8.1	Demonstrate the following work skills when preparing for and accessing work areas using scissor-type MEWPs: <ul style="list-style-type: none"> – checking, setting up, adjusting, communicating, manoeuvring, positioning, accessing and setting down.
	8.2	Use and maintain hand tools, ancillary equipment and/or accessories.
	8.3	Prepare for, position, set up and operate scissor-type MEWPs to access working areas, at various locations, to given working instructions.
	8.4	Shut down and secure scissor-type MEWPs.
	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 scissor-type MEWP used for accessing work – identify valid certification for maintenance, inspection and thorough examination – carry out function checks for accessing operation – prepare, set up and adjust for operational requirements – carry out pre-operational checks for obstructions, stability, and ground conditions affecting the work and surrounding area – identify and remain aware of the area of operation to include potential entrapment situations – use fall prevention equipment – check to avoid damage to structures and utilities service apparatus
	8.6	<ul style="list-style-type: none"> – position and secure MEWP for accessing operations – recognise and determine when specific skills and knowledge are required and report accordingly – operate, manoeuvre, position, set down and secure – operate and travel on the public highway – shut down and secure the MEWP – use hand tools, ancillary equipment and accessories.
	8.7	Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out accessing operations.
	8.8	Describe how to maintain the plant and machinery, hand tools, ancillary equipment used to access working areas.

Title:	Preparing and operating scissor-type mobile elevating work platforms (MEWP) 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>
Sector subject areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	40

Title:	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace
Unit Number:	M/506/4649
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 preparation and using boom-type MEWPs to access areas to carry out the work.	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 statements, risk assessments, manufacturers' information and current regulations governing the operation of plant and machinery used as work platforms.
2 Organise with others the sequence and operation in which accessing operations using boom-type MEWPs 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 accessing operations.
3 Know how to comply with relevant legislation and official guidance when carrying out accessing operations using boom-type MEWPs.	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.

Title:	Preparing and operating boom-type mobile elevating work platforms (MEWP) 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 preparing for and carrying out accessing operations using boom-type MEWPs.	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 accessing operations.	
	4.2 Demonstrate compliance with given information and relevant legislation when carrying out accessing operations using boom-type MEWPs in relation to two or more of the following: <ul style="list-style-type: none"> – safe use and storage of plant or machinery – safe use and storage of tools and equipment – specific risks to health. 	
	4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to accessing operations, 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, other task-related activities and rescue plans.	
5 Request and select the required quantity and quality of resources to prepare for and carry out accessing operations using boom-type MEWPs.	5.1 Request and select resources associated with boom-type MEWPs in relation to consumables, materials, tools, ancillary equipment and/or accessories.	
	5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: <ul style="list-style-type: none"> – consumables, lubricants and fuels – attachments and accessing aids – hand tools, ancillary equipment and accessories. 	
	5.3 Describe how the resources should be used correctly, how problems associated with the resources are reported.	

Title:	Preparing and operating boom-type mobile elevating work platforms (MEWP) 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, quantity, length and area associated with the method/procedures to operate boom-type mobile elevating work platforms used for accessing operations.
6 Minimise the risk of damage to the work and surrounding area when preparing to and accessing work areas.	6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	6.2	Prevent damage and maintain a clean work space.
	6.3	Dispose of waste in accordance with current legislation.
	6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
	6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7 Complete the work within the allocated time when preparing to and accessing work areas using boom-type MEWPs.	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.

Title:	Preparing and operating boom-type mobile elevating work platforms (MEWP) in the workplace
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
8 Comply with the given contract information to access areas to carry out work using boom-type MEWPs to the required specification.	8.1 Demonstrate the following work skills when preparing for and accessing work areas using boom-type MEWPs: <ul style="list-style-type: none"> – checking, setting up, adjusting, communicating, manoeuvring, positioning, accessing and setting down.
	8.2 Use and maintain hand tools, ancillary equipment and/or accessories.
	8.3 Prepare for, position, set up and operate boom-type MEWPs to access working areas, at various locations, to given working instructions.
	8.4 Shut down and secure boom-type MEWPs.
	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 boom-type MEWP used for accessing work – identify valid certification for maintenance, inspection and thorough examination – carry out function checks for accessing operation – prepare, set up and adjust for operational requirements – carry out pre-operational checks for obstructions, stability, and ground conditions affecting the work and surrounding area – identify and remain aware of the area of operation to include potential entrapment situations – use fall prevention equipment
	8.6 <ul style="list-style-type: none"> – check to avoid damage to structures and utilities service apparatus – position and secure MEWP for accessing operations – recognise and determine when specific skills and knowledge are required and report accordingly – operate, manoeuvre, position, set down and secure – operate and travel on the public highway – shut down and secure the MEWP – use hand tools, ancillary equipment and accessories.
	8.7 Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out accessing operations.
	8.8 Describe how to maintain the plant and machinery, hand tools, ancillary equipment used to access working areas.

Title:	Preparing and operating boom-type mobile elevating work platforms (MEWP) 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 Certificate in Construction using Off-site Manufactured Assemblies (Construction):</u></p> <p>One of the following endorsements required:</p> <p>Mobile elevated working platform boom vehicle mounted Mobile elevated working platform boom self-propelled</p>
Sector subject areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	47

Title:	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace	
Unit Number:	T/508/6510	
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 preparation and using mast climber-type MEWPs to access areas to carry out the work.	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 statements, risk assessments, manufacturers' information and current regulations governing the operation of plant and machinery used as work platforms.
2 Organise with others the sequence and operation in which accessing operations using mast climber-type MEWPs 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 accessing operations.
3 Know how to comply with relevant legislation and official guidance when carrying out accessing operations using mast climber-type MEWPs.	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.

Title:	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) 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 preparing for and carrying out accessing operations using mast climber-type MEWPs.	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 accessing operations.	
	4.2 Demonstrate compliance with given information and relevant legislation when carrying out accessing operations using mast climber-type MEWPs in relation to two or more of the following: <ul style="list-style-type: none"> – safe use and storage of plant or machinery – safe use and storage of tools and equipment – specific risks to health. 	
	4.3 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to accessing operations, 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, other task-related activities and rescue plans.	
5 Request and select the required quantity and quality of resources to prepare for and carry out accessing operations using mast climber-type MEWPs.	5.1 Request and select resources associated with mast climber-type MEWPs in relation to consumables, materials, tools, ancillary equipment and/or accessories.	
	5.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: <ul style="list-style-type: none"> – consumables, lubricants and fuels – attachments and accessing aids – hand tools, ancillary equipment and accessories. 	
	5.3 Describe how the resources should be used correctly, how problems associated with the resources are reported.	

Title:	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) 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, quantity, length and area associated with the method/procedures to operate mast climber-type mobile elevating work platforms used for accessing operations.
6 Minimise the risk of damage to the work and surrounding area when preparing to and accessing work areas.	6.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
	6.2 Prevent damage and maintain a clean work space.
	6.3 Dispose of waste in accordance with current legislation.
	6.4 Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
	6.5 Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
7 Complete the work within the allocated time when preparing to and accessing work areas using mast climber-type MEWPs.	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.

Title:	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>
8 Comply with the given contract information to access areas to carry out work using mast climber-type MEWPs to the required specification.	8.1 Demonstrate the following work skills when preparing for and accessing work areas using mast climber-type MEWPs: <ul style="list-style-type: none"> – checking, setting up, adjusting, communicating, manoeuvring, positioning, accessing and setting down.
	8.2 Use and maintain hand tools, ancillary equipment and/or accessories.
	8.3 Prepare for, position, set up and operate mast climber-type MEWPs to access working areas, at various locations, to given working instructions.
	8.4 Shut down and secure mast climber-type MEWPs.
	8.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: <ul style="list-style-type: none"> – identify the characteristics of the mast climber-type MEWP used for accessing work – identify valid certification for maintenance, inspection and thorough examination – carry out function checks for accessing operation – prepare, set up and adjust for operational requirements – carry out pre-operational checks for obstructions, stability, and ground conditions affecting the work and surrounding area – identify and remain aware of the area of operation to include potential entrapment situations – use fall prevention equipment
	– check to avoid damage to structures and utilities service apparatus
	– position and secure MEWP for accessing operations
8.6 Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out accessing operations.	
8.7 Describe how to maintain the plant and machinery, hand tools, ancillary equipment used to access working areas.	

Title:	Preparing and operating mast climber-type mobile elevating work platforms (MEWP) in the workplace
Additional 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>
Sector subject areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	40



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