



Qualification Specification

ProQual Level 2 NVQ Diploma in Rainscreen Façade Systems (Construction)

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This qualification is part of ProQual's broad offer of qualifications in the Construction Sector.

To find out more about other qualifications in this, or any other sector, or for our latest fees; check our Fees Schedule via the QR code below:



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Introduction

The ProQual Level 2 Diploma in Rainscreen Façade Systems (Construction) provides a nationally recognised qualification for those currently working in, or who want to work in the construction sector.

The aims of this qualification are:

- Industry recognition in the installation of rainscreen façade systems.
- Skills development within the field.
- Enhanced credentials.

The awarding body for this qualification is ProQual AB. This qualification has been approved for delivery in England. The regulatory body for this qualification is Ofqual, and this qualification has been accredited onto the Regulated Qualification Framework (RQF), and has been published in Ofqual's Register of Qualifications.

Qualification Profile

Qualification Title:	ProQual Level 2 NVQ Diploma in Rainscreen Façade Systems (Construction)
Qualification Number:	610/7588/7
Level:	2
Total Qualification Time (TQT):	930 Hours
Guided Learning Hours (GLH):	481 Hours
Assessment:	Pass/Fail
	Internally assessed and verified by centre staff
	Externally quality assured by ProQual Verifiers
Qualification Start Date:	29/06/2026
Qualification Review Date:	29/06/2029

Learner Profile

There are no formal academic entry requirements for this qualification. Centres should carry out their own assessment of candidates knowledge and skills to identify gaps and determine the assessment plan.

Candidates for this qualification must be at least 18 years old on the day that they are registered for this qualification. Centres are reminded that no assessment activity should be undertaken prior to a candidate being registered.

Candidates for this qualification must be employed in a role where they will be able to generate workplace evidence for each of the units within this qualification or enrolled on a training course which includes employer placements to allow the same. Evidence of practical skills cannot be simulated.

Candidates who complete this qualification may progress into other qualifications in ProQual's construction skills suite.

Qualification Structure

This qualification consists of **6 mandatory units**. Candidates must complete all mandatory units to complete this qualification. Candidates must also complete one of the available optional units.

Unit Number	Unit Title	Level	TQT	GLH	CITB Ref.
Mandatory Units – Candidates must complete all units in this group.					
R/652/2063	Inspecting Backing Walls to Receive Rainscreen Façade Systems in the Workplace	2	200	90	183v3
T/652/2064	Installing Rainscreen Façade Systems in the Workplace	3	270	110	184v4
Y/652/2065	Installing Open State and Closed State Cavity Barriers Within Rainscreen Façade Systems in the Workplace	2	330	140	831v1
M/508/6537	Conforming to General Health, Safety and Welfare in the Workplace	1	20	7	641v1
T/508/6538	Conforming to Productive Working Practices in the Workplace	2	30	10	642v1
F/503/1171	Moving, Handling and Storing Resources in the Workplace	2	50	17	643v1
Optional Units – Candidates must complete one unit in this group.					
A/652/2066	Assembling Cold Formed Steel Frames in the Workplace Unit Endorsements • Support Structures Only	2	140	90	499v2
D/652/2067	Installing Supplementary Steel Frame Finishings in the Workplace Unit Endorsements • Cladding Support Fixtures Only	2	170	110	296v2
K/506/4617	Preparing and Operating Ergonomic Manipulating Machines to Lift and Transfer Loads in the Workplace Unit Endorsements • Ergonomic Manipulating Machines	2	110	37	387Uv2

Unit Number	Unit Title	Level	TQT	GLH	CITB Ref.
Optional Units - <i>continued</i>					
Y/651/1789	Preparing and Operating Scissor-Type Mobile Elevating Work Platforms (MEWP) in the Workplace Unit Endorsements One of the following: • Mobile Elevated Working Platform Boom Self-Propelled • Mobile Elevated Working Platform Boom Vehicle Mounted • Mobile Elevated Working Platform Scissor • Mobile Elevated Working Platform Mast Climber	2	120	40	392Av3
R/651/2271	Preparing and Operating Boom-Type Mobile Elevating Work Platforms (MEWP) in the Workplace	2	140	47	392Bv3
D/651/2275	Preparing and Operating Mast Climber-Type Mobile Elevating Work Platforms (MEWP) in the Workplace	2	120	40	392Cv3

Centre Requirements

Centres must be approved to deliver this qualification. If your centre is not approved to deliver this qualification, please complete and submit the **ProQual Additional Qualification Approval Form**.

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.

Centres must have the appropriate equipment to enable candidates to carry out the practical requirements of this qualification.

Certification

Candidates who achieve the requirements for this qualification will be awarded:

- A certificate listing all units achieved, and
- A certificate giving the full qualification title:

ProQual Level 2 NVQ Diploma in Rainscreen Façade Systems (Construction)

Claiming certificates

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

Unit certificates

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

Replacement certificates

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

Assessment Requirements

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

Evidence can include:

- Observation report by assessor.
- Assignments/projects/reports.
- Professional discussion.
- Witness testimony.
- Candidate product.
- Worksheets.
- Record of oral and written questioning.
- Recognition of Prior Learning.

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

Centre staff assessing this qualification must be **occupationally competent** and qualified to make assessment decisions. Assessors who are suitably qualified may hold a qualification such as, but not limited to:

- ProQual Level 3 Certificate in Teaching, Training and Assessment.
- ProQual Level 3 Award in Education and Training.
- ProQual Level 3 Award in Assessing Competence in the Work Environment.
(Suitable for assessment taking place in a working environment only.)
- ProQual Level 3 Award in Assessing Vocational Achievement.
(Suitable for assessment taking place in a simulated training environment only.)

Candidate portfolios must be internally verified by centre staff who are **occupationally knowledgeable** and qualified to make quality assurance decisions. Internal verifiers who are suitably qualified may hold a qualification such as:

- ProQual Level 4 Award in the Internal QA of Assessment Processes and Practice.
- ProQual Level 4 Certificate in Leading the Internal QA of Assessment Processes and Practice.

Occupationally competent means capable of carrying out the full requirements contained within a unit. **Occupationally knowledgeable** means possessing relevant knowledge and understanding.

Enquiries, Appeals and Adjustments

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.

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

Units – Learning Outcomes and Assessment Criteria

Title:		Inspecting Backing Walls to Receive Rainscreen Façade Systems in the Workplace		Level:	2
Unit Number:	R/652/2063	TQT:	200	GLH:	90
Learning Outcomes <i>The learner will be able to:</i>		Assessment Criteria <i>The learner can:</i>			
1	Interpret the information relating to the work and resources when inspecting backing walls to receive rainscreen façade systems.	1.1	Interpret and extract relevant information from: • Drawings. • Specifications. • Schedules. • Risk assessments. • Method statements. • Manufacturers' information. • Fixing strategy. • Inspection and test plans (ITP). • Setting out line and levels. • Safety programming. • Control of Substances Hazardous to Health (COSHH) assessment. • Current legislation and regulations governing buildings.		
		1.2	Comply with information and/or instructions derived from risk assessments and method statements.		
		1.3	Describe why the organisational procedures have been developed and how they are implemented.		

1	Continued	1.4	Describe different types of information, their source and how they are interpreted in relation to: • Drawings. • Specifications. • Schedules. • Risk assessments. • Method statements. • Fixing strategy. • Inspection and test plans (ITP). • Setting out lines and levels. • Safety programming. • Control of Substances Hazardous to Health (COSHH). • Manufacturers' information. • Current legislation and regulations governing buildings.
		1.5	Describe the range of relevant digital services, tools and systems, and how they are used.
		1.6	Explain the importance of organisational procedures to solve problems with the information, and why it is important to follow them.
		1.7	Explain the implications of not following inspection and test plans (ITP).
2	Know how to comply with environmentally responsible work practices to meet current legislation and official guidance when inspecting backing walls to receive rainscreen façade systems.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working in the workplace: • Below ground level. • In confined spaces. • At height. • With tools and equipment. • With materials and substances. • When moving and storing materials by manual handling and mechanical lifting.

2	Continued	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to: • Operative. • Site. • Workplace. • Vehicles. • Company. • Customer. • The general public.
		2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
		2.4	Explain the different types of fire extinguishers on site and how and when they are used: • Water. • CO₂. • Foam. • Powder.
		2.5	Explain why it is important not to commence or to continue work if you are unsure or the information is unclear.
3	Maintain safe and healthy working practices when inspecting backing walls to receive rainscreen façade systems.	3.1	Outline information for relevant, current legislation and official guidance and how it is applied.
		3.2	Demonstrate the use of health and safety control equipment safely and comply with the methods of work to carry out the work in accordance with relevant legislation and official guidance.

3	Continued	3.3	Demonstrate compliance with relevant legislation and official guidance in relation to the following: • Methods of work. • Safe use of health and safety control equipment. • Safe use of access equipment. • Safe use, storage and handling of materials, tools and equipment. • Specific risks to health including mental health and wellbeing. • Specific risks associated with asbestos containing materials.
		3.4	Explain why, when and how health and safety control equipment, identified by the principles of prevention should be used, in relation to: • Collective protective measures. • Personal protective equipment (PPE). • Respiratory protective equipment (RPE). • Local exhaust ventilation (LEV). • Hand arm vibration (HAVS). • Control of noise at work regulations.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills in relation to: • Fires, spillages, injuries. • Emergencies relating to occupational activities. • Identification of and reporting of asbestos containing materials.

3	Continued	3.6	Describe how to report risks and hazards identified by the following: • Methods of work. • Risk assessment (including point of work and personal). • Manufacturers' technical information including material safety data sheet (MSDS). • Statutory regulations. • Official guidance. • Climatic conditions. • Control of Substances Hazardous to Health (COSHH).
4	Select the required quantity and quality of resources for the methods of work when inspecting backing walls to receive rainscreen façade systems.	4.1	Select resources associated with own work in relation to: • Materials. • Components and specialised fixings for compatible materials. • Tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources are important and how defects should be rectified.
		4.3	Describe how to confirm that the resources and materials conform with the construction design information.

4	Continued	4.4	Describe how the resources should be used and how any problems associated with the resources are reported in relation to: • Façade materials. • Fasteners. • Flashings. • Fittings. • Sub grid rails. • Helping hand brackets and spacer systems. • Insulation. • Cavity barriers. • Vapour control. • Separation and breather membranes. • Primers. • Cleaning agents. • Adhesive tapes. • Sealants. • Hand tools. • Portable power tools and equipment. • Digital equipment.
		4.5	Explain the organisational procedures to select resources, why they have been developed and how they are used.
		4.6	Describe how to identify any hazards associated with the resources and methods of work and how they are overcome.
		4.7	Describe methods of calculating the quantity, length and wastage associated with the method and procedure to inspect backing walls to receive rainscreen façade systems.

5	Minimise the risk of damage to the work and surrounding area when inspecting backing walls to receive rainscreen façade systems.	5.1	Comply with organisational procedures to protect the work and its surrounding area from damage by: - Protecting and securing unfixed materials and loads including during transit. - Maintaining a safe, clear and tidy work area. - Disposing of waste in accordance with current legislation.
		5.2	Explain why it is important to maintain a safe, clear and tidy work area.
		5.3	Describe how to protect work and its surrounding area from damage and the purpose of protection from general workplace activities, other occupations and adverse weather conditions and how to minimise the damage to existing building fabric.
		5.4	Explain why and how the disposal of waste must be carried out safely in accordance with the following: - Environmental responsibilities. - Organisational procedures. - Manufacturers' information. - Statutory regulations. - Official guidance.
6	Complete the work within the allocated time when inspecting backing walls to receive rainscreen façade systems.	6.1	Demonstrate completion of the work within the estimated allocated time.
		6.2	Describe the programme of work to be carried out including the estimated and allocated time, sequencing and explain why deadlines should be kept in relation to: - Types of progress charts, timetables and estimated times. - Organisational procedures for reporting circumstances which will affect the work programme.

7	Comply with the contract information when inspecting backing walls to receive rainscreen wall cladding systems to the required specification.	7.1	Demonstrate the following work skills when inspecting backing walls to receive rainscreen façade systems: • Measure and check alignment of penetrations, apertures and reveals through the wall. • Check seals to joints and reveals are intact. • Mark out location of brackets and components. • Line and level to gridlines and datum marks. • Confirm the position and location of attachment points for the support grid.
		7.2	Use and maintain: • Hand tools. • Power tools. • Levelling instruments. • Equipment.
		7.3	Inspect previously installed backing walls to receive rainscreen facade systems to working instructions.
		7.4	Describe how the methods of work to meet the specification, are carried out and how problems are identified and reported by the application of knowledge for safe, healthy and environmental work practices, procedures and skills in relation to the following: • How to identify and follow installation quality requirements. • The importance of and how to conform to agreed specifications. • The importance of and how to confirm to manufacturers' installation criteria. • How to inspect backing walls to confirm they meet the rainscreen façade system design. • How to check currency of calibration for levelling equipment.

7	Continued	7.4 Cont.	• How to identify datum, establish, work to and transfer levels. • How to recognise and determine when additional specialist skills and knowledge are required. • How to report accordingly where the backing walls fail to meet the rainscreen façade system design. • The relevance of an assessment of historical significance. • How to recognise specific requirements for structures of special interest, traditional construction, hard to treat buildings and historical significance. • How to work with, around and in close proximity to plant and machinery. • How to work from mobile elevating work platforms. • How to work at height using access equipment. • How to use all hand tools and power tools and equipment. • How and why operative care and maintenance of all hand and power tools and equipment is carried out. • The importance of recognising the limits of your own authority, capability and responsibilities.
		7.5	Explain the needs of other occupations associated with inspecting backing walls to receive rainscreen façade systems.
		7.6	Explain the importance of teamwork and communication, organisational procedures with respect to site behaviours, and how to challenge inappropriate site behaviours.
		7.7	Explain the importance of mental health awareness and wellbeing.
		7.8	Explain the importance of applying fairness, inclusion and respect when dealing with others.

Additional Assessment Information

Where an assessment criteria is **knowledge based**. This means that evidence is expected to take the form of candidate's written work and/or records of appropriate professional discussions.

Where an assessment criteria is **competency based**. This means that the candidate is expected to perform the tasks, and demonstrate the level of competence, outlined in the assessment criteria. It is expected that evidence will be a combination following:

- Photographic and/or video evidence of the candidate's practical work.
- Assessor's observation report.
- Expert witness testimony.
- Candidate reflection on own practical work.

An observation report and witness testimony are differentiated as follows:

- An **assessor's report** is completed by a qualified assessor who observes the candidate carrying out practical work. The assessor will make assessment decisions as they observe and record these in the report, alongside a commentary of what they observe.
- A **witness statement** is completed by a suitably qualified or experienced expert who observes the candidate carrying out practical work. The witness statement will contain **only** a commentary of what has been observed. An assessor must then use the witness statement, alongside any additional evidence to make assessment decisions.
- In all cases, an assessor's report is preferred as evidence over a witness statement; as it is always better for an assessor to observe a candidate live.

Assessors may wish use to use a checklist or evidence matrix to organise and track the assessment outcomes that have been achieved, but these **do not**, in themselves, constitute evidence of achievement.

An assessor's report or witness statement alone is unlikely to be sufficient evidence of achievement. Reports and statements should always be accompanied by photographic and/or video evidence.

Evidence of practical skills **may not** be simulated; and must be collected in a **real workplace environment**.

Title:	Inspecting Backing Walls to Receive Rainscreen Façade Systems in the Workplace
Additional information about this unit	
Assessment Guidance	This unit must be assessed in a work environment and in accordance with the CITB Consolidated Assessment Strategy for Construction and the Built Environment'. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.
Subject Sector Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	90

Title:		Installing Rainscreen Façade Systems in the Workplace		Level:	3
Unit Number:		T/652/2064	TQT:	270	GLH: 110
Learning Outcomes <i>The learner will be able to:</i>		Assessment Criteria <i>The learner can:</i>			
1	Interpret the information relating to the work and resources when installing rainscreen façade systems.	1.1	Interpret and extract relevant information from: • Drawings. • Specifications. • Schedules. • Risk assessments. • Method statements. • Manufacturers' information. • Fixing strategy. • Inspection and test plans (ITP). • Setting out lines and levels. • Safety programming. • Control of Substances Hazardous to Health (COSHH). • Current legislation and regulations governing buildings.		
		1.2	Comply with information and/or instructions derived from risk assessments and method statements.		
		1.3	Describe the organisational procedures have been developed and how they are implemented.		

1	Continued	1.4	Describe different types of information, their source and how they are interpreted in relation to: • Drawings. • Specifications. • Schedules. • Risk assessments. • Method statements. • Manufacturers' information. • Fixing strategy. • Inspection and test plans (ITP). • Setting out lines and levels. • Safety programming. • Control of Substances Hazardous to Health (COSHH). • Current legislation and regulations governing buildings.
		1.5	Explain the range of relevant digital services, tools and systems, and how they are used.
		1.6	Explain the importance of organisational procedures to solve problems with the information, and why it is important to follow them.
		1.7	Explain the implications of not following inspection and test plans (ITP).
2	Know how to comply with environmentally responsible work practices to meet current legislation and official guidance when installing rainscreen façade systems.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working in the workplace: • Below ground level. • In confined spaces. • At height. • With tools and equipment. • With materials and substances. • When moving and storing materials by manual handling and mechanical lifting.

2	Continued	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to: • Operative. • Site. • Workplace. • Vehicles. • Company. • Customer. • The general public.
		2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
		2.4	Explain the different types of fire extinguishers on site and how and when they are used: • Water. • CO₂. • Foam. • Powder.
		2.5	Explain why it is important not to commence or to continue work if you are unsure or the information is unclear.
3	Maintain safe and healthy working practices when installing rainscreen façade systems.	3.1	Outline information for relevant, current legislation and official guidance and how it is applied.
		3.2	Demonstrate use of health and safety control equipment safely and comply with the methods of work to carry out the work in accordance with relevant legislation and official guidance.

3	Continued	3.3	Demonstrate compliance with relevant legislation and official guidance in relation to the following: • Methods of work. • Safe use of health and safety control equipment. • Safe use of access equipment. • Safe use, storage and handling of materials, tools and equipment. • Specific risks to health including mental health and wellbeing. • Specific risks associated with asbestos containing materials.
		3.4	Explain why, when and how health safety control equipment, identified by the principles of prevention, should be used, in relation to: • Collective protective measures. • Personal protective equipment (PPE). • Respiratory protective equipment (RPE). • Local exhaust ventilation (LEV). • Hand arm vibration (HAVS). • Control of noise at work regulations.
		3.5	Describe how the relevant health and safety control equipment should be used in accordance with the work instructions.
		3.6	Why it is important not to commence or to continue work if you are unsure or the information is unclear.
		3.7	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills in relation to: • Fires, spillages, injuries. • Emergencies relating to occupational activities. • Identification of and reporting of asbestos containing materials.

3	Continued	3.8	Describe how to report risks and hazards identified by the following: • Methods of work. • Risk assessment (including point of work and personal). • Manufacturers' technical information including material safety data sheet (CSDS). • Statutory regulations. • Official guidance. • Climatic conditions. • Control of Substances Hazardous to Health (COSHH).
4	Select the required quantity and quality of resources for the methods of work when installing rainscreen façade systems.	4.1	Select resources associated with own work in relation to: • Materials. • Components and specialised fixings for compatible materials. • Tools and equipment.
		4.2	Describe why the characteristics, quality, uses, sustainability, limitations and defects associated with the resources are important and how defects should be rectified.
		4.3	Describe how to confirm that the resources and materials conform with the construction design information.

4	Continued	4.4	Describe how the resources should be used and how any problems associated with the resources are reported in relation to: • Fasteners. • Flashings. • Insect mesh. • Fittings. • Drips. • Cover strips. • Sub-grid rails. • Helping hand brackets and spacer systems. • Insulation. • Cavity barriers. • Vapour control and breather membranes. • Primers. • Cleaning agents. • Adhesive tapes. • Sealants. • Secret fix. • Façade material. • Hand tools. • Power tools and equipment. • Digital equipment.
		4.5	Explain the organisational procedures to select resources, why they have been developed and how they are used.
		4.6	Describe how to identify any hazards associated with the resources and methods of work and how they are overcome.
		4.7	Describe the methods of calculating quantity, length and wastage associated with the method and procedure to install rainscreen façade systems.

5	Minimise the risk of damage to the work and surrounding area when installing rainscreen façade systems.	5.1	Comply with organisational procedures to protect the work and surrounding area by: - Protecting and securing unfixed materials and loads including during transit. - Maintaining a safe, clear and tidy work area. - Disposing of waste in accordance with current legislation.
		5.2	Explain why it is important to maintain a safe, clear and tidy work area.
		5.3	How to minimise the damage to existing building fabric.
		5.4	Describe how to protect the work and its surrounding area from damage and the purpose of protection from general workplace activities, other occupations and adverse weather conditions.
		5.5	Explain why and how the disposal of waste must be carried out safely in accordance with the following: - Environmental responsibilities. - Organisational procedures. - Manufacturers' information. - Statutory regulations. - Official guidance.
6	Complete the work within the allocated time when installing rainscreen façade systems.	6.1	Demonstrate completion of the work within the estimated, allocated time.
		6.2	Describe the programme of work to be carried out including the estimated and allocated time, sequencing and explain why deadlines should be kept in relation to: - Types of progress charts, timetables and estimated times. - Organisational procedures for reporting circumstances which will affect the work programme.

7	Comply with the contract information when installing rainscreen façade systems to the required specification.	7.1	Demonstrate the following work skills when installing rainscreen façade systems: • Identify location of attachment points. • Set out and work to gridlines and datum marks. • Position and install helping hand brackets and spacer systems, drips, cover strips, fasteners and fittings. • Adjust helping hand brackets. • Cut and form internal and external angles. • Line and level the carrier system. • Fit components around protrusions, penetrations, apertures and reveals. • Position and secure flashings and vents. • Secure and install rainscreen façade system materials to the carrier system.
		7.2	Use and maintain: • Hand tools. • Power tools. • Levelling instruments and equipment.
		7.3	Check and record quality, setting out and accuracy of work on completion, at a hold point, and at the end of each working period.
		7.4	Install the complete rainscreen façade system in accordance with the design.
		7.5	Describe how the methods of work to meet the specification, are carried out and how problems are identified and reported by the application of knowledge for safe, healthy and environmental work practices, procedures and skills in relation to the following: • How to identify and understand the current construction issue drawing, specification and inspection and test plan (ITP). • How to identify installation quality requirements.

7	Continued	7.5 Cont.	• The importance of and how to conform to agreed specifications. • The importance of and how to confirm manufacturers' installation criteria. • The importance of ventilation and airflow. • How to check currency of calibration for levelling equipment. • How to identify, recognise and work to gridlines and datum marks. • How to respect the properties of different types of rainscreen materials. • How to form internal and external angles. • How to install rainscreen façade system materials. • How to position and install helping hand brackets and spacer systems, drips, cover strips, fasteners and fittings. • How to maintain the integrity of surfaces. • How to fit components around protrusions, penetrations, apertures and reveals. • How to position and secure flashings and vents. • How to check and record quality, setting out and accuracy of work on completion, at a hold point and at the end of each working period. • The implications of incorrect installations and what this could mean for the products, the building façade and the organisation. • How to recognise and determine when additional specialist skills and knowledge are required. • How to recognise specific requirements for structures of special interest, traditional construction, hard to treat buildings and historical significance. • How to work with, around and in close proximity to plant and machinery. • How to work from mobile elevating work platforms. • Work at height using access equipment.
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7	Continued	7.5 Cont.	• How to use all hand tools, and power tools and equipment. • How and why operative care and maintenance of all hand and power tools and equipment is carried out. • The importance of recognising the limits of your own authority, capability and responsibilities.
		7.6	Explain the needs of other occupations associated with installing rainscreen façade systems.
		7.7	Explain the importance of teamwork and communication, organisational procedures with respect to site behaviours, and how to challenge inappropriate site behaviours.
		7.8	Explain the importance of mental health awareness and wellbeing.
		7.9	Explain the importance of applying fairness, inclusion and respect when dealing with others.

Additional Assessment Information

Where an assessment criteria is **knowledge based**. This means that evidence is expected to take the form of candidate's written work and/or records of appropriate professional discussions.

Where an assessment criteria is **competency based**. This means that the candidate is expected to perform the tasks, and demonstrate the level of competence, outlined in the assessment criteria. It is expected that evidence will be a combination following:

- Photographic and/or video evidence of the candidate's practical work.
- Assessor's observation report.
- Expert witness testimony.
- Candidate reflection on own practical work.

An observation report and witness testimony are differentiated as follows:

- An **assessor's report** is completed by a qualified assessor who observes the candidate carrying out practical work. The assessor will make assessment decisions as they observe and record these in the report, alongside a commentary of what they observe.
- A **witness statement** is completed by a suitably qualified or experienced expert who observes the candidate carrying out practical work. The witness statement will contain **only** a commentary of what has been observed. An assessor must then use the witness statement, alongside any additional evidence to make assessment decisions.
- In all cases, an assessor's report is preferred as evidence over a witness statement; as it is always better for an assessor to observe a candidate live.

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Evidence of practical skills **may not** be simulated; and must be collected in a **real workplace environment**.

Title:	Installing Rainscreen Façade Systems in the Workplace
Additional information about this unit	
Assessment Guidance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.
Subject Sector Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	110

Title:		Installing Open State and Closed State Cavity Barriers Within Rainscreen Façade Systems in the Workplace		Level:	2
Unit Number:	Y/652/2065	TQT:	330	GLH:	140
Learning Outcomes <i>The learner will be able to:</i>		Assessment Criteria <i>The learner can:</i>			
1	Interpret the information relating to the work and resources when installing open and closed state cavity barriers within rainscreen façade systems.	1.1	Interpret and extract relevant information from: • Drawings. • Specifications. • Schedules. • Risk assessments. • Method statements. • Work instructions. • Task specific briefings. • Fire performance documentation/certification. • Manufacturers' information. • Manufacturers' instructions. • 3rd party certification.		
		1.2	Comply with information and/or instructions derived from risk assessments and method statements.		
		1.3	Describe why the organisational procedures have been developed and how they are implemented.		

1	Continued	1.4	Describe different types of information, their source and how they are interpreted in relation to: • Drawings. • Specifications. • Schedules. • Risk assessments. • Method statements. • Work instructions. • Fire performance documentation/certification. • Manufacturers' information. • Manufacturers' instructions. • 3rd party certification. • Codes of practice. • Current regulations/guidance relating to installing open and closed state cavity barriers within rainscreen façade systems.
		1.5	The range of relevant digital services, tools and systems, and how they are used.
		1.6	The importance of organisational procedures to solve problems with the information, and why it is important to follow them.
2	Know how to comply with relevant legislation and official guidance when installing open and closed state cavity barriers within rainscreen façade systems.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working in the workplace in relation to: • Below ground level. • Confined spaces. • At height. • With tools and equipment. • With materials and substances. • When moving and storing materials by manual handling and mechanical lifting. • Identifying mental health signs and symptoms.

2	<i>Continued</i>	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to; • Operative. • Site. • Workplace. • Vehicles. • Company. • Customer. • The general public.
		2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
		2.4	Explain the different types of fire extinguishers on site and how and when they are used: • Water. • CO₂. • Foam. • Powder.
3	Maintain safe and healthy working practices when installing open and closed state cavity barriers within rainscreen façade systems.	3.1	Outline information for relevant, current legislation and official guidance and how it is applied.
		3.2	Demonstrate the use of health and safety control equipment safely and comply with the methods of work to carry out the work in accordance with relevant legislation and official guidance.

3	Continued	3.3	Demonstrate compliance with relevant legislation and official guidance in relation to the following: • Methods of work and safety control measures. • Safe use of health and safety control equipment. • Safe use of access equipment. • Safe use, storage and handling of materials, tools and equipment. • Specific risks to health including mental health and wellbeing. • Specific risks associated with asbestos containing materials. • Daily activity briefings (DABS) or toolbox talks.
		3.4	Explain why, when and how health safety control equipment, identified by the principles of prevention, should be used, in relation to: • Collective protective measures. • Personal protective equipment (PPE). • Respiratory protective equipment (RPE). • Local exhaust ventilation (LEV).
		3.5	Describe how the relevant health and safety control equipment should be used in accordance with the work instructions.
		3.6	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills in relation to: • Fires, spillages, injuries. • Emergencies relating to occupational activities. • Identification of and reporting of asbestos containing materials.

3	Continued	3.7	Describe how to report risks and hazards identified by the following: • Methods of work. • Risk assessment. • Manufacturers' technical information. • Task and toolbox talks. • Statutory regulations. • Official guidance. • Control of Substances Hazardous to Health (COSHH). • Identification of asbestos containing materials. • Electrical safety (safe system of work).
4	Select the required quantity and quality of resources for the methods of work to install open and closed state cavity barriers within rainscreen façade systems.	4.1	Select the required quantity and quality of the following resources associated with the methods of work in relation to: • Materials, components and fixings. • Tools and equipment.
		4.2	Describe the materials that services are commonly made from and their implications for use with firestopping products.
		4.3	Describe the substrate materials that are commonly used and their implications with the selected material and installation practices.
		4.4	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources.
		4.5	Describe why the characteristics, quality, uses, sustainability, limitations and defects associated with the resources are important and how defects should be rectified.

4	Continued	4.6	Describe how to confirm that the resources and materials conform with the specification.
		4.7	Describe how the resources should be used and how any problems associated with the resources are reported in relation to: • Materials, components and equipment. • Fittings and fixings. • Compatibility. • Durability. • Hand tools, portable power tools and equipment. • Digital equipment.
		4.8	Explain the organisational procedures to select resources, why they have been developed and how they are used.
		4.9	Describe any potential hazards associated with the resources and methods of work how they are overcome.
		4.10	Describe the methods of calculating quantity, length, area and wastage associated with the method and procedure to install open and closed state cavity barriers within rainscreen façade systems.
5	Minimise the risk of damage to the work and surrounding area when installing open and closed state cavity barriers within rainscreen façade systems.	5.1	Comply with organisational procedures to protect the work and surrounding area by: • Maintaining a safe, clear and tidy work area. • Disposing of waste in accordance with current legislation.
		5.2	Explain why it is important to maintain a safe, clear and tidy work area.

5	Continued	5.3	Explain why and how the disposal of waste must be carried out safely in accordance with the following: • Site requirements. • Environmental responsibilities. • Organisational procedures. • Manufacturers' information. • Statutory regulations. • Official guidance.
6	Complete the work within the allocated time when installing open and closed state cavity barriers within rainscreen façade systems.	6.1	Demonstrate completion of the work in accordance with organisational procedures, the programme of work and to meet the needs of the client, and other trades.
		6.2	Describe the programme of work to be carried out including the estimated and allocated time, sequencing and explain why deadlines should be kept in relation to: • Types of progress charts, timetables and estimated times. • Organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the contract information to carry out the work efficiently to the required specification.	7.1	Demonstrate the following work skills: • Measure. • Mark out. • Cut. • Align. • Adjust. • Line and level. • Fit. • Position. • Secure. • Install both closed state cavity barriers and open state cavity barriers (OSCB) in rainscreen façade systems.

7	Continued	7.2	Use and maintain: • Hand tools. • Power tools. • Ancillary equipment.
		7.3	Check relevant daily inspection check/test records before use where appropriate.
		7.4	Describe how the methods of work to meet the specification, are carried out and how problems are identified and reported by the application of knowledge for safe, healthy and environmental work practices, procedures and skills relating to the following: • How to identify and follow the installation quality requirements. • How to prepare and install cavity barriers within rainscreen façade systems. • The importance of ventilation and airflow. • How to ensure the integrity of the substrate. • How to install angles, plates and channels. • How to fit components around protrusions, penetrations, apertures and reveals. • How to carry out repairs to or replacement of cavity barriers. • The implications of the generic interfaces between system types. • How to recognise and determine when specialist skills and knowledge are required and report accordingly. • How to direct and guide the operations and movement of plant and machinery. • The fire resisting and movement requirements of the installations. • The implications of incorrect installation. • Why it is important to recognise and determine when specialist skills and knowledge are required and report accordingly.

7	Continued	7.4 Cont.	• That a construction product choice, substitution or recommendation cannot be made. • That if information on construction products is communicated information must be passed on accurately and without changes from that created by the relevant authority. • Why it is important to identify and follow the installation quality requirements. • How to work with, around and in close proximity of plant and machinery. • How to use and maintain tools and equipment. • How to work at height. • How to use access equipment and systems. • The relevance of an assessment of significance how to recognise specific requirements for structures of special interest, traditional construction, hard to treat buildings and historical significance. • How and why operative care and maintenance of all hand and power tools and ancillary equipment is carried out.
		7.5	Explain how to coordinate with and account for the needs of other occupations associated with installing open and closed state cavity barriers within rainscreen façade systems.
		7.6	Explain the importance of teamwork and communication, organisational procedures with respect to site behaviours, and how to challenge inappropriate site behaviours.
		7.7	Explain the importance of mental health awareness and wellbeing.
		7.8	Explain the importance of applying fairness, inclusion and respect when dealing with others.

8	Verify that a product has been approved for use in that particular situation.	8.1	Explain the importance of passive fire protection and how it supports compartmentation.
		8.2	Describe how fire protection impedes fire to protect structures and people.
		8.3	Explain the importance of finding out what has been approved, and what is not suitable.

Additional Assessment Information

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- Photographic and/or video evidence of the candidate's practical work.
- Assessor's observation report.
- Expert witness testimony.
- Candidate reflection on own practical work.

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Title:	Installing Open State and Closed State Cavity Barriers Within Rainscreen Façade Systems in the Workplace
Additional information about this unit	
Assessment Guidance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.
Subject Sector Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	140

Title:		Conforming to General Health, Safety and Welfare in the Workplace		Level:	1
Unit Number:		M/508/6537	TQT:	20	GLH: 7
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: • 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	<i>Continued</i>	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.
		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	<i>Continued</i>	3.6	State the organisational policies and procedures for health, safety and welfare, in relation to: • Dealing with accidents and emergencies associated with the work and environment. • Methods of receiving or sourcing information. • Reporting. • Stopping work. • Evacuation. • Fire risks and safe exit procedures. • Consultation and feedback.
		3.7	State the appropriate types of fire extinguishers relevant to the work.
		3.8	State how and when the different types of fire extinguishers are used in accordance with legislation and official guidance.
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: • 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: • 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.

Additional Assessment Information

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Title:	Conforming to General Health, Safety and Welfare in the Workplace
Additional information about this unit	
Assessment Guidance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.
Subject Sector 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		Level:	2
Unit Number:		T/508/6538	TQT:	30	GLH: 10
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: - 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: • 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.
		4.2	Apply the principles of equality and diversity and respect the needs of individuals when communicating and working with others.
		4.3	Describe how to maintain good working relationships, in relation to: • Individuals. • Customer and operative. • Operative and line management. • Own and other occupations.
		4.4	Describe why it is important to work effectively with line management, colleagues and customers.
		4.5	Describe how working relationships could have an effect on productive working.
		4.6	Describe how to apply principles of equality and diversity when communicating and working with others.

Additional Assessment Information

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

Title:		Moving, Handling and Storing Resources in the Workplace		Level:	2
Unit Number:		F/503/1171	TQT:	50	GLH: 17
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: 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	Continued	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.
		3.3	Protect the environment in accordance with safe working practices as appropriate to the work.
		3.4	Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to moving, handling and/or storing resources, and the types, purpose and limitations of each type, the work situation, occupational use and the general work environment, in relation to: • Collective protective measures. • Personal protective equipment (PPE). • Respiratory protective equipment (RPE). • Local exhaust ventilation (LEV).
		3.5	Describe how the health and safety control equipment relevant to the work should be used in accordance with the given instructions.

3	Continued	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: • 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.
		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	Continued	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: • 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: • 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: • 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	<i>Continued</i>	7.4	Describe the needs of other occupations when moving, handling and/or storing resources.
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Additional Assessment Information

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Title:	Moving, Handling and Storing Resources in the Workplace
Additional information about this unit	
Assessment Guidance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.
Subject Sector Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	17

Title:		Assembling Cold Formed Steel Frames in the Workplace		Level:	2
Unit Number:		A/652/2066	TQT:	140	GLH: 90
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: 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: 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.
		3.2	Demonstrate compliance with given information and relevant legislation when assembling cold formed steel frames in relation to the following: - Safe use of access equipment. - Safe use, storage and handling of materials, tools and equipment. - Specific risks to health.

3	<i>Continued</i>	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: • 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: • 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	Continued	4.4	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.5	Explain why the organisational procedures have been developed and how they are used for the selection of 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	Continued	6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: • 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: • Measuring, marking out, aligning, cutting, fitting, finishing, positioning and securing.
		7.2	Use and maintain hand tools, portable power tools and ancillary equipment.
		7.3	Prepare and assemble cold formed steel for at least one of the following to given working instructions: • Wall frames. • Floor frames. • Support structures. • Roofs.

7	Continued	7.4	Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: • 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.

Additional Assessment Information

Where an assessment criteria is **knowledge based**. This means that evidence is expected to take the form of candidate's written work and/or records of appropriate professional discussions.

Where an assessment criteria is **competency based**. This means that the candidate is expected to perform the tasks, and demonstrate the level of competence, outlined in the assessment criteria. It is expected that evidence will be a combination following:

- Photographic and/or video evidence of the candidate's practical work.
- Assessor's observation report.
- Expert witness testimony.
- Candidate reflection on own practical work.

An observation report and witness testimony are differentiated as follows:

- An **assessor's report** is completed by a qualified assessor who observes the candidate carrying out practical work. The assessor will make assessment decisions as they observe and record these in the report, alongside a commentary of what they observe.
- A **witness statement** is completed by a suitably qualified or experienced expert who observes the candidate carrying out practical work. The witness statement will contain **only** a commentary of what has been observed. An assessor must then use the witness statement, alongside any additional evidence to make assessment decisions.
- In all cases, an assessor's report is preferred as evidence over a witness statement; as it is always better for an assessor to observe a candidate live.

Assessors may wish use to use a checklist or evidence matrix to organise and track the assessment outcomes that have been achieved, but these **do not**, in themselves, constitute evidence of achievement.

An assessor's report or witness statement alone is unlikely to be sufficient evidence of achievement. Reports and statements should always be accompanied by photographic and/or video evidence.

Evidence of practical skills **may not** be simulated; and must be collected in a **real workplace environment**.

Title:	Assembling Cold Formed Steel Frames in the Workplace
Additional information about this unit	
Assessment Guidance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated. This unit must be assessed against the endorsements detailed within the relevant NVQ structure. Please refer to the NVQ structure applicable to the qualification/occupational area in which the candidate is being assessed.
Subject Sector Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	90

Title:		Installing Supplementary Steel Frame Finishings in the Workplace		Level:	2
Unit Number:		D/652/2067	TQT:	170	GLH: 110
Learning Outcomes The learner will be able to:		Assessment Criteria The learner can:			
1	Interpret the given information relating to the work and resources when installing supplementary steel frame finishings.	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: Drawings, specifications, schedules, digital information and 3D modelling, method statements, risk assessments, manufacturers' technical information, official guidance and current regulations governing buildings in relation to installing supplementary steel frame finishings.		

2	Know how to comply with relevant legislation and official guidance when installing supplementary steel frame finishings.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: In the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement 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 installing supplementary steel frame finishings.	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 supplementary steel frame finishings.
		3.2	Demonstrate compliance with given information and relevant legislation when installing supplementary steel frame finishings in relation to the following: - Safe use of access equipment. - Safe use, storage and handling of materials, tools and equipment. - Specific risks to health.

3	Continued	3.3	Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to the installing of supplementary steel frame finishings, and the types, purpose and limitations of each type, the work situation and general work environment in relation to: • 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 install supplementary steel frame finishings.	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: • Brick tie systems, breather membrane, vapour control layers, fire stops, insulation, internal linings sheathing boarding and associated items. • Fittings and fixings (cladding support fixings). • Consumables. • Hand tools, portable power tools and equipment.
		4.3	Describe how to confirm that the resources and materials conform to the specification.

4	Continued	4.4	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.5	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.6	Describe any potential hazards associated with the resources and methods of work.
		4.7	Describe how to calculate quantity, length, area and wastage associated with the method and procedure to install supplementary steel frame finishings.
5	Minimise the risk of damage to the work and surrounding area when installing supplementary steel frame finishings.	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 installing supplementary steel frame finishings.	6.1	Demonstrate completion of the work within the estimated allocated time.

6	Continued	6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: • 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 install supplementary steel frame finishings to the required specification.	7.1	Demonstrate the following work skills when installing supplementary steel frame finishings: • Measuring, marking out, fitting, finishing, positioning and securing.
		7.2	Use and maintain hand tools, portable power tools and ancillary equipment.
		7.3	Install at least one of the following to given working instructions: • Brick tie systems. • Breather membrane. • Vapour control layer. • Fire stops. • Insulation. • Internal linings. • Sheathing boarding. • Cladding support fixtures.

7	Continued	7.4	Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: • Provide information for Building Information Modelling (BIM). • Install brick tie systems, breather membranes, vapour control layers, fire stops, insulation, internal linings, sheathing boarding and cladding support fixtures. • Form connections associated with steel frame construction. • Install insulation to achieve the specified energy and carbon performance. • Avoid thermal bridging, bypassing and condensation. • Apply the principles of airtightness and ventilation. • Form joints associated with fixing internal linings. • 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.
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7	Continued	7.5	Describe the needs of other occupations and how to communicate effectively within a team when installing supplementary steel frame finishings.
		7.6	Describe how to maintain the tools and equipment used for installing supplementary steel frame finishings.

Additional Assessment Information

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Title:	Installing Supplementary Steel Frame Finishings in the Workplace
Additional information about this unit	
Assessment Guidance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated. This unit must be assessed against the endorsements detailed within the relevant NVQ structure. Please refer to the NVQ structure applicable to the qualification/occupational area in which the candidate is being assessed.
Subject Sector Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	110

Title:		Preparing and Operating Ergonomic Manipulating Machines to Lift and Transfer Loads in the Workplace		Level:	2
Unit Number:	K/506/4617	TQT:	110	GLH:	37
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 use of ergonomic manipulating machines to lift, transfer and place loads.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statements, lift plans, 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: Drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing the operation of ergonomic manipulating machines to lift and transfer loads.		

2	Organise with others the sequence and operation in which lifting operations using ergonomic manipulating machines 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 lifting operations with ergonomic manipulating machines.
3	Know how to comply with relevant legislation and official guidance when lifting and transferring loads using ergonomic manipulating machines.	3.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: In the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		3.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		3.3	Explain what the accident reporting procedures are and who is responsible for making reports.
4	Maintain safe and healthy working practices when preparing for and carrying out lifting operations using ergonomic manipulating machines.	4.1	Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements during lifting operations.

4	Continued	4.2	Demonstrate compliance with given information and relevant legislation when carrying out lifting operations using ergonomic manipulating machines in relation to two or more of the following: • Safe use and storage of plant or machinery. • Safe use and storage of tools and equipment. • Safe use and storage of lifting accessories. • Specific risks to health.
		4.3	Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to ergonomic manipulating machine use, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: • Collective protective measures. • Personal protective equipment (PPE). • Respiratory protective equipment (RPE). • Local exhaust ventilation (LEV).
		4.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		4.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
5	Request and select the required quantity and quality of resources to prepare for and carry out lifting operations using ergonomic manipulating machines.	5.1	Request and select resources associated with ergonomic manipulating machines in relation to consumables, materials, tools, ancillary equipment and/or accessories.

5	Continued	5.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources, and how they should be used correctly, relating to: • Consumables, lubricants and fuels. • Attachments and lifting accessories. • Hand tools, ancillary equipment and accessories.
		5.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		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 lifting operations with ergonomic manipulating machines.
6	Minimise the risk of damage to the work and surrounding area when preparing to and lifting and transferring loads.	6.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		6.2	Prevent damage and maintain a clean work space.
		6.3	Dispose of waste in accordance with current legislation.
		6.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
		6.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.

7	Complete the work within the allocated time when preparing to and lifting and transferring loads.	7.1	Demonstrate completion of the work within the allocated time.
		7.2	Describe the purpose of the work programme and describe why deadlines should be kept in relation to: • Types of progress charts, timetables and estimated times. • Organisational procedures for reporting circumstances which will affect the work programme.
8	Comply with the given contract information to lift, transfer and place loads using ergonomic manipulating machines to the required specification.	8.1	Demonstrate the following work skills when preparing for, lifting, transferring and placing loads using ergonomic manipulating machines: • Checking, adjusting, communicating, operating, manoeuvring, positioning, lifting, transferring and setting down.
		8.2	Use and maintain hand tools, ancillary equipment and/or accessories.
		8.3	Prepare, set up and operate ergonomic manipulating machines to lift, transfer and place a variety of loads to given working instructions.
		8.4	Shut down and secure ergonomic manipulating machines.

8	Continued	8.5	Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: • Identify the characteristics of the ergonomic manipulating machine for the lifting and transferring operation. • Identify valid certification for maintenance, inspection and thorough examination. • Lift and transfer people. • Carry out function checks for lifting and transferring loads. • Prepare, set up and reconfigure for various loads and locations. • Carry out pre-operational checks for obstructions, stability, safety and security of the work and surrounding area. • Identify characteristics, type, weight and position of loads for lifting and transferring. • Recognise and determine when specific skills and knowledge are required and report accordingly. • Secure and balance loads for lifting. • Lift, remove and transfer loads. • Position, place and set down loads. • Confirm load stability, security and release. • Attach and remove guide ropes and aids. • Be on the public highway. • Shut down and secure the ergonomic manipulating machine. • Use hand tools and ancillary equipment. • Use, handle and store lifting accessories.
		8.6	Describe the needs of other occupations and how to effectively communicate within a team when preparing for and lifting and transferring loads.
		8.7	Describe how to maintain the plant and machinery, hand tools, ancillary equipment and accessories used to lift and transfer loads.

Additional Assessment Information

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Title:	Preparing and Operating Ergonomic Manipulating Machines to Lift and Transfer Loads in the Workplace
Additional information about this unit	
Assessment Guidance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated. This unit must be assessed against the endorsements detailed within the relevant NVQ structure. Please refer to the NVQ structure applicable to the qualification/occupational area in which the candidate is being assessed.
Subject Sector Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	37

Title:		Preparing and Operating Scissor-Type Mobile Elevating Work Platforms (MEWP) in the Workplace		Level:	2
Unit Number:	Y/651/1789	TQT:	120	GLH:	40
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: 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	Continued	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: 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.
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: - Safe use and storage of plant or machinery. - Safe use and storage of tools and equipment. - Specific risks to health.

4	Continued	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: • 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: • 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.
		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.

5	<i>Continued</i>	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: • Types of progress charts, timetables and estimated times. • Organisational procedures for reporting circumstances which will affect the work programme.

8	Comply with the given contract information to 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: • 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	Continued	8.5	Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: • Identify the characteristics of the 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. • Position and secure MEWP for accessing operations. • Recognise and determine when specific skills and knowledge are required and report accordingly. • Operate, manoeuvre, position, set down and secure. • Operate and travel on the public highway. • Shut down and secure the MEWP. • Use hand tools, ancillary equipment and accessories.
		8.6	Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out accessing operations.
		8.7	Describe how to maintain the plant and machinery, hand tools, ancillary equipment used to access working areas.

Additional Assessment Information

Where an assessment criteria is **knowledge based**. This means that evidence is expected to take the form of candidate's written work and/or records of appropriate professional discussions.

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- Photographic and/or video evidence of the candidate's practical work.
- Assessor's observation report.
- Expert witness testimony.
- Candidate reflection on own practical work.

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- A **witness statement** is completed by a suitably qualified or experienced expert who observes the candidate carrying out practical work. The witness statement will contain **only** a commentary of what has been observed. An assessor must then use the witness statement, alongside any additional evidence to make assessment decisions.
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Assessors may wish use to use a checklist or evidence matrix to organise and track the assessment outcomes that have been achieved, but these **do not**, in themselves, constitute evidence of achievement.

An assessor's report or witness statement alone is unlikely to be sufficient evidence of achievement. Reports and statements should always be accompanied by photographic and/or video evidence.

Evidence of practical skills **may not** be simulated; and must be collected in a **real workplace environment**.

Title:	Preparing and Operating Scissor-Type Mobile Elevating Work Platforms (MEWP) in the Workplace
Additional information about this unit	
Assessment Guidance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated. This unit must be assessed against the endorsements detailed within the relevant NVQ structure. Please refer to the NVQ structure applicable to the qualification/occupational area in which the candidate is being assessed.
Subject Sector Area	05.2 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		Level:	2
Unit Number:	R/651/2271	TQT:	140	GLH:	47
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: 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	Continued	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: 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.
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: - Safe use and storage of plant or machinery. - Safe use and storage of tools and equipment. - Specific risks to health.

4	Continued	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: • 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: • 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.
		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.

5	<i>Continued</i>	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: - Types of progress charts, timetables and estimated times. - Organisational procedures for reporting circumstances which will affect the work programme.

8	Comply with the given contract information to 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: • 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	Continued	8.5	Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: • Identify the characteristics of the 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. • Check to avoid damage to structures and utilities service apparatus. • Position and secure MEWP for accessing operations. • Recognise and determine when specific skills and knowledge are required and report accordingly. • Operate, manoeuvre, position, set down and secure. • Operate and travel on the public highway. • Shut down and secure the MEWP. • Use hand tools, ancillary equipment and accessories.
		8.6	Describe the needs of other occupations and how to effectively communicate within a team when preparing to and carrying out accessing operations.
		8.7	Describe how to maintain the plant and machinery, hand tools, ancillary equipment used to access working areas.

Additional Assessment Information

Where an assessment criteria is **knowledge based**. This means that evidence is expected to take the form of candidate's written work and/or records of appropriate professional discussions.

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Evidence of practical skills **may not** be simulated; and must be collected in a **real workplace environment**.

Title:	Preparing and Operating Boom-Type Mobile Elevating Work Platforms (MEWP) in the Workplace
Additional information about this unit	
Assessment Guidance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.
Subject Sector Area	05.2 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		Level:	2
Unit Number:	D/651/2275	TQT:	120	GLH:	40
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: 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	<i>Continued</i>	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: 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.
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: - Safe use and storage of plant or machinery. - Safe use and storage of tools and equipment. - Specific risks to health.

4	Continued	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: • Collective protective measures. • Personal protective equipment (PPE). • Respiratory protective equipment (RPE). • Local exhaust ventilation (LEV).
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		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: • Consumables, lubricants and fuels. • Attachments and accessing aids. • Hand tools, ancillary equipment and accessories.
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		5.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.

5	<i>Continued</i>	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.
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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.
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8	Comply with the given contract information to access areas to carry out work using mast climber-type MEWPs to the required specification.	8.1	Demonstrate the following work skills when preparing for and accessing work areas using mast climber-type MEWPs: • Checking, setting up, adjusting, communicating, manoeuvring, positioning, accessing and setting down.
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		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	Continued	8.5	Describe how to apply safe and healthy work practices, follow procedures, report problems and establish authority needed to rectify, to: • Identify the characteristics of the mast climber-type MEWP used for accessing work. • Identify valid certification for maintenance, inspection and thorough examination. • Carry out function checks for accessing operation. • Prepare, set up and adjust for operational requirements. • Carry out pre-operational checks for obstructions, stability, and ground conditions affecting the work and surrounding area. • Identify and remain aware of the area of operation to include potential entrapment situations. • Use fall prevention equipment. • Check to avoid damage to structures and utilities service apparatus. • Position and secure MEWP for accessing operations. • Recognise and determine when specific skills and knowledge are required and report accordingly. • Operate, manoeuvre, position, set down and secure. • Operate and travel on the public highway. • Shut down and secure the MEWP. • Use hand tools, ancillary equipment and accessories.
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Title:	Preparing and Operating Mast Climber-Type Mobile Elevating Work Platforms (MEWP) in the Workplace
Additional information about this unit	
Assessment Guidance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.
Subject Sector Area	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	40

Appendix One – Command Verb Definitions

The table below explains what is expected from each **command verb** used in an assessment objective. Not all verbs are used in this specification

Apply	Use existing knowledge or skills in a new or different context.
Analyse	Break a larger subject into smaller parts, examine them in detail and show how these parts are related to each other. This may be supported by reference to current research or theories.
Classify	Organise information according to specific criteria.
Compare	Examine subjects in detail, giving the similarities and differences.
Critically Compare	As with compare, but extended to include pros and cons of the subject. There may or may not be a conclusion or recommendation as appropriate.
Describe	Provide detailed, factual information about a subject.
Discuss	Give a detailed account of a subject, including a range of contrasting views and opinions.
Explain	As with describe, but extended to include causation and reasoning.
Identify	Select or ascertain appropriate information and details from a broader range of information or data.
Interpret	Use information or data to clarify or explain something.
Produce	Make or create something.
State	Give short, factual information about something.
Specify	State a fact or requirement clearly and in precise detail.



ProQual Awarding Body

ProQual House
Unit 1, Innovation Drive
Newport, Brough
HU15 2GX

Tel: 01430 423 822
enquiries@proqualab.com
www.proqualab.com