



**ProQual Level 2 NVQ Diploma in
Roofing Occupations (Construction)**

Qualification Specification

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Introduction

The aim of this qualification is to recognise the knowledge, skills and competence of individuals who work in this specialised area of the construction industry. This qualification enables learners to gain recognition for their skills and the potential to take on more responsibility in the workplace. There are 7 pathways:

Pathway 1: Roof Tiler

Pathway 2: Roof Slater

Pathway 3: Roof Slater and Tiler

Pathway 4: Fully Supported Lead and Hard Metal Roofer and Cladder

Pathway 5: Thatching

Pathway 6: Solar Collector Roofer – Access

Pathway 7: Solar Collector Roofer – Protection/Handover

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

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

It is also endorsed by the sector body for construction - CITB.

Qualification Profile

Level 2 NVQ Diploma in Roofing Occupations (Construction)

Qualification title	ProQual Level 2 NVQ Diploma in Roofing Occupations (Construction)
Ofqual qualification number	601/7792/5
Level	2
Guided learning hours	193-571 (Dependent on Pathway)
Total qualification time	380-1410 (Dependent on Pathway)
Assessment	Pass or fail Internally assessed and verified by centre staff External quality assurance by ProQual verifiers
Qualification start date	01/10/2015
Qualification end date	

Entry Requirements

There are no formal entry requirements for this qualification.

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

Qualification Structure

To achieve the qualification candidates must complete the Mandatory/Optional Units from one of the Pathways.

Additional units are not compulsory, and therefore do not count towards the qualification.

Pathway	TQT
Pathway 1: Roof Tiler	610
Pathway 2: Roof Slater	560
Pathway 3: Roof Slater and Tiler	860
Pathway 4: Fully Supported Lead and Hard Metal Roofer and Cladder	530
Pathway 5: Thatching	900
Pathway 6: Solar Collector Roofer – Access	380
Pathway 7: Solar Collector Roofer – Protection/Handover	400

Pathway 1 – Roof Tiler

Mandatory Units – complete all units				
Unit Ref.	Title	Level	GLH	CITB Unit ref.
M/508/6537	Conforming to general health, safety and welfare in the workplace	1	7	641
T/508/6538	Conforming to productive working practices in the workplace	2	10	642
F/503/1171	Moving, handling and storing resources in the workplace	2	17	643
T/618/6410	Installing underlay, battens and roofing components in the workplace	2	37	272v2
A/618/6411	Installing pre-formed weathering flashings to roofs in the workplace	2	33	273v2
Y/618/6416	Installing single-lap roof tiles to a variable gauge in the workplace <i>Unit Endorsements:</i> One of the following endorsements required: <i>New materials</i> <i>Reclaimed materials</i>	2	43	274v2

D/618/6417	Installing plain tile roof coverings in the workplace <i>Unit Endorsements:</i> <i>One of the following endorsements required:</i> <i>New materials</i> <i>Reclaimed materials</i>	2	57	275v2
Additional Units – will not count towards the qualification				
Unit Ref.	Title	Level	GLH	CITB Unit ref.
A/615/8317	Applying solid render to background surfaces and producing finishes in the workplace	2	90	67v2
F/618/6412	Installing double-lap artificial roof slates in the workplace	2	33	277v2
R/618/6415	Stripping and reclaiming roof coverings in the workplace	2	50	280v2
D/650/9530	Installing components for warm and cold roof construction in the workplace	2	33	281v3
F/650/9531	Installing single-lap roof tiles to a fixed gauge in the workplace	2	33	282v2
M/650/9527	Installing wood shingle roof coverings in the workplace	2	40	283v2
H/615/2186	Installing solar collectors to roofs in the workplace	2	20	298v2

Pathway 2 – Roof Slater

Mandatory Units – complete all units				
Unit Ref.	Title	Level	GLH	CITB Unit ref.
M/508/6537	Conforming to general health, safety and welfare in the workplace	1	7	641
T/508/6538	Conforming to productive working practices in the workplace	2	10	642
F/503/1171	Moving, handling and storing resources in the workplace	2	17	643
T/618/6410	Installing underlay, battens and roofing components in the workplace	2	37	272v2
A/618/6411	Installing pre-formed weathering flashings to roofs in the workplace	2	33	273v2
R/618/7323	Installing regular sized natural roof slate to standard roof details in the workplace <i>Unit Endorsements:</i> <i>One of the following endorsements required:</i> <i>New materials</i> <i>Reclaimed materials</i>	2	83	276v2
Additional Units – will not count towards the qualification				
Unit Ref.	Title	Level	GLH	CITB Unit ref.
A/615/8317	Applying solid render to background surfaces and producing finishes in the workplace	2	90	67v2

F/618/6412	Installing double-lap artificial roof slates in the workplace	2	33	277v2
R/618/6415	Stripping and reclaiming roof coverings in the workplace	2	50	280v2
D/650/9530	Installing components for warm and cold roof construction in the workplace	2	33	281v3
F/650/9531	Installing single-lap roof tiles to a fixed gauge in the workplace	2	33	282v2
M/650/9527	Installing wood shingle roof coverings in the workplace	2	40	283v2
H/615/2186	Installing solar collectors to roofs in the workplace	2	20	298v2

Pathway 3 – Roof Slater and Tiler

Mandatory Units – complete all units				
Unit Ref.	Title	Level	GLH	CITB Unit ref.
M/508/6537	Conforming to general health, safety and welfare in the workplace	1	7	641
T/508/6538	Conforming to productive working practices in the workplace	2	10	642
F/503/1171	Moving, handling and storing resources in the workplace	2	17	643
T/618/6410	Installing underlay, battens and roofing components in the workplace	2	37	272v2
A/618/6411	Installing pre-formed weathering flashings to roofs in the workplace	2	33	273v2
Y/618/6416	Installing single-lap roof tiles to a variable gauge in the workplace <u>Unit Endorsements:</u> One of the following endorsements required: New materials Reclaimed materials	2	43	274v2
D/618/6417	Installing plain tile roof coverings in the workplace <u>Unit Endorsements:</u> One of the following endorsements required: New materials Reclaimed materials	2	57	275v2
R/618/7323	Installing regular sized natural roof slate to standard roof details in the workplace <u>Unit Endorsements:</u> One of the following endorsements required: New materials Reclaimed materials	2	83	276v2
Additional Units – will not count towards the qualification				
Unit Ref.	Title	Level	GLH	CITB Unit ref.
A/615/8317	Applying solid render to background surfaces and producing finishes in the workplace	2	90	67v2
F/618/6412	Installing double-lap artificial roof slates in the workplace	2	33	277v2
R/618/6415	Stripping and reclaiming roof coverings in the workplace	2	50	280v2
D/650/9530	Installing components for warm and cold roof construction in the workplace	2	33	281v3
F/650/9531	Installing single-lap roof tiles to a fixed gauge in the workplace	2	33	282v2
M/650/9527	Installing wood shingle roof coverings in the workplace	2	40	283v2
H/615/2186	Installing solar collectors to roofs in the workplace	2	20	298v2

Pathway 4 - Fully Supported Lead and Hard Metal Roofer and Cladder

Mandatory Units – complete all units				
Unit Ref.	Title	Level	GLH	CITB Unit ref.
M/508/6537	Conforming to general health, safety and welfare in the workplace	1	7	641
T/508/6538	Conforming to productive working practices in the workplace	2	10	642
F/503/1171	Moving, handling and storing resources in the workplace	2	17	643
T/650/0102	Installing fully supported lead and hard metal roofing, cladding and weatherings in the workplace <u>Unit Endorsements:</u> One of the following endorsements required: <i>Lead</i> <i>Hard metal</i>	2	93	327v2
Y/650/0103	Repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings in the workplace <u>Unit Endorsements:</u> One of the following endorsements required: <i>Lead</i> <i>Hard metal</i>	2	50	328v2

Pathway 5 - Thatching

Mandatory Units – complete all units				
M/508/6537	Conforming to general health, safety and welfare in the workplace	1	7	641
T/508/6538	Conforming to productive working practices in the workplace	2	10	642
F/503/1171	Moving, handling and storing resources in the workplace	2	17	643
F/504/9623	Preparing roof structures for thatching in the workplace	2	60	116v2
F/504/9637	Preparing thatching materials in the workplace <u>Unit Endorsements:</u> Two of the following endorsements required: <i>Cereal straw</i> <i>Water reed</i> <i>Sedge grass</i> <i>Heather</i> <i>Marram</i> <i>Bent</i> <i>Bracken</i> <i>Rush</i> <i>Flax</i> <i>Turf</i> <i>Alternative specialist materials</i> <i>Spars, Sways, Liggers</i>	2	53	117v2
F/504/9640	Thatching structures in the workplace <u>Unit Endorsements:</u> One of the following endorsements required: <i>Long straw variants (cereal straw)</i> <i>Combed wheat reed (cereal straw)</i> <i>Water reed</i> <i>Sedge grass</i> <i>Heather</i> <i>Marram</i> <i>Bent</i> <i>Bracken</i> <i>Rush</i> <i>Flax</i> <i>Turf</i> <i>Alternative specialist materials</i>	2	127	118v2

A/615/1609	<p>Erecting and dismantling access/working platforms in the workplace</p> <p><u>Unit endorsements:</u></p> <p>One of the following endorsements required (i.e., own area of work)</p> <p><i>Solar collector roofer</i></p> <p><i>Thatching</i></p> <p>Plus two of the following endorsements required:</p> <p><i>Ladders/crawler boards</i></p> <p><i>Step ladders/platform steps</i></p> <p><i>Proprietary towers</i></p> <p><i>Trestle platforms</i></p> <p><i>Mobile scaffold towers</i></p> <p><i>Proprietary staging/podiums</i></p>	2	27	250
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Pathway 6 - Solar Collector Roofer - Access

Mandatory Units – complete all units				
Unit Ref.	Title	Level	GLH	CITB Unit ref.
M/508/6537	Conforming to general health, safety and welfare in the workplace	1	7	641
T/508/6538	Conforming to productive working practices in the workplace	2	10	642
F/503/1171	Moving, handling and storing resources in the workplace	2	17	643
D/617/1206	Maintaining slate and tile roofing in the workplace <u>Unit Endorsements:</u> <i>The following endorsement required (i.e. own area of work)</i> <i>Solar collector roofer</i> Plus four of the following endorsements required: <i>Slate roofs</i> <i>Tiled roofs</i> <i>Flashings</i> <i>Roof ventilation inadvertently</i> <i>Rainwater goods</i>	2	47	47v2
H/615/2186	Installing solar collectors to roofs in the workplace <u>Unit Endorsements:</u> One of the following endorsements required: <i>Photo voltaic</i> <i>Solar thermal</i>	2	20	298v2
Optional Units – ONE unit				
Unit Ref.	Title	Level	GLH	CITB Unit ref.
A/615/1609	Erecting and dismantling access/working platforms in the workplace <u>Unit endorsements:</u> One of the following endorsements required (i.e. own area of work) <i>Solar collector roofer</i> <i>Thatching</i> Plus two of the following endorsements required: <i>Ladders/crawler boards</i> <i>Step ladders/platform steps</i> <i>Proprietary towers</i> <i>Trestle platforms</i> <i>Mobile scaffold towers</i> <i>Proprietary staging/podiums</i>	2	27	250

M/600/8303	<p>Utilising provision of fall protection systems and/or equipment in the workplace</p> <p><u>Unit endorsements:</u></p> <p><i>The following endorsement required (i.e. own area of work)</i></p> <p><i>Solar collector roofer</i></p> <p>Plus two of the following endorsements required:</p> <p><i>Scaffold/rigging</i></p> <p><i>Secured steelwork structures</i></p> <p><i>Wire and rope systems</i></p> <p><i>Permanently installed anchorage points</i></p> <p><i>Temporary anchorage points</i></p> <p><i>Track systems</i></p> <p><i>Proprietary systems</i></p>	2	57	252
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Pathway 7 - Solar Collector Roofer – Protection/Handover

Mandatory Units – complete all units				
Unit Ref.	Title	Level	GLH	CITB Unit ref.
M/508/6537	Conforming to general health, safety and welfare in the workplace	1	7	641
T/508/6538	Conforming to productive working practices in the workplace	2	10	642
F/503/1171	Moving, handling and storing resources in the workplace	2	17	643
D/617/1206	Maintaining slate and tile roofing in the workplace <u>Unit Endorsements:</u> <i>The following endorsement required (i.e. own area of work)</i> <i>Solar collector roofer</i> Plus four of the following endorsements required: <i>Slate roofs</i> <i>Tiled roofs</i> <i>Flashings</i> <i>Roof ventilation inadvertently</i> <i>Rainwater goods</i>	2	47	47v2
H/615/2186	Installing solar collectors to roofs in the workplace <u>Unit Endorsements:</u> One of the following endorsements required: <i>Photo voltaic</i> <i>Solar thermal</i>	2	20	298v2
T/650/9529	Installing, maintaining and removing work area protection and safety equipment in the workplace <u>Unit Endorsement:</u> <i>The following endorsement required (i.e. own area of work):</i> <i>Solar collector roofer</i>	2	55	360v3
Optional Units – ONE unit				
Unit Ref.	Title	Level	GLH	CITB Unit ref.
L/617/1198	Clearing the site and handing over on completion in the workplace	2	40	524v2

Centre Requirements

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

Staff

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

Assessors/Internal Quality Assurance

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

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

Support for Candidates

Materials produced by centres to support candidates should:

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

Links to National Standards / NOS mapping

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

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

Assessment

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

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

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

Evidence can include:

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

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

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

Learning outcomes and assessment criteria can be found from page 17.

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

Internal Quality Assurance

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

Adjustments to Assessment

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

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

Results Enquiries and Appeals

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

Certification

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

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

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Claiming certificates

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

Unit certificates

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

Replacement certificates

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

Title:	Conforming to general health, safety and welfare in the workplace	
Unit Number:	M/508/6537	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1	Comply with all workplace health, safety and welfare legislation requirements.	1.1 Comply with information from workplace inductions and any health, safety and welfare briefings attended relevant to the occupational area.
		1.2 Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements.
		1.3 Comply with statutory requirements, safety notices and warning notices displayed within the workplace and/or on equipment.
		1.4 State why and when health and safety control equipment, identified by the principles of protection, should be used relating to types, purpose and limitations of each type, the work situation, occupational use and the general work environment, in relation to: <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
		1.5 State how the health and safety control equipment relevant to the work should be used in accordance with the given instructions.
		1.6 State which types of health, safety and welfare legislation, notices and warning signs are relevant to the occupational area and associated equipment.
		1.7 State why health, safety and welfare legislation, notices and warning signs are relevant to the occupational area.
		1.8 State how to comply with control measures that have been identified by risk assessments and safe systems of work.

2	Recognise hazards associated with the workplace that have not been previously controlled and report them in accordance with organisational procedures.	2.1	Report any hazards created by changing circumstances within the workplace in accordance with organisational procedures.
		2.2	List typical hazards associated with the work environment and occupational area in relation to resources, substances, asbestos, equipment, obstructions, storage, services and work activities.
		2.3	List the current Health and Safety Executive top ten safety risks.
		2.4	List the current Health and Safety Executive top five health risks.
		2.5	State how changing circumstances within the workplace could cause hazards.
		2.6	State the methods used for reporting changed circumstances, hazards and incidents in the workplace.
3	Comply with organisational policies and procedures to contribute to health, safety and welfare.	3.1	Interpret and comply with given instructions to maintain safe systems of work and quality working practices.
		3.2	Contribute to discussions by offering/providing feedback relating to health, safety and welfare.
		3.3	Contribute to the maintenance of workplace welfare facilities in accordance with workplace welfare procedures.
		3.4	Safely store health and safety control equipment in accordance with given instructions.
		3.5	Dispose of waste and/or consumable items in accordance with legislation.
		3.6	State the organisational policies and procedures for health, safety and welfare, in relation to: <ul style="list-style-type: none"> – dealing with accidents and emergencies associated with the work and environment – methods of receiving or sourcing information – reporting – stopping work – evacuation – fire risks and safe exit procedures – consultation and feedback.
		3.7	State the appropriate types of fire extinguishers relevant to the work.

3	continued	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.	<p>4.1 Demonstrate behaviour which shows personal responsibility for general workplace health, safety and welfare.</p> <p>4.2 State how personal behaviour demonstrates responsibility for general workplace health, safety and welfare, in relation to:</p> <ul style="list-style-type: none"> - recognising when to stop work in the face of serious and imminent danger to self and/or others - contributing to discussions and providing feedback - reporting changed circumstances and incidents in the workplace - complying with the environmental requirements of the workplace. <p>4.3 Give examples of how the behaviour and actions of individuals could affect others within the workplace.</p>
5	Comply with and support all organisational security arrangements and approved procedures.	<p>5.1 Provide appropriate support for security arrangements in accordance with approved procedures:</p> <ul style="list-style-type: none"> - during the working day - on completion of the day's work - for unauthorised personnel (other operatives and the general public) - for theft. <p>5.2 State how security arrangements are implemented in relation to the workplace, the general public, site personnel and resources.</p>

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

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

3	continued	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: <ul style="list-style-type: none"> – individuals – customer and operative – operative and line management – own and other occupations.
		4.4	Describe why it is important to work effectively with line management, colleagues and customers.
		4.5	Describe how working relationships could have an effect on productive working.
		4.6	Describe how to apply principles of equality and diversity when communicating and working with others.

Title:	Conforming to Productive Working Practices in the Workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the Construction Skills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Area	05.2 Building and Construction
Availability for use	Shared unit
Unit credit value	3
Unit guided learning hours	10

Title:	Moving, handling and storing resources in the workplace	
Unit Number:	F/503/1171	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1	Comply with given information when moving, handling and/or storing resources.	1.1 Interpret the given information relating to moving, handling and/or storing resources, relevant to the given occupation.
		1.2 Interpret the given information relating to the use and storage of lifting aids and equipment.
		1.3 Describe the different types of technical, product and regulatory information, their source and how they are interpreted.
		1.4 State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.5 Describe how to obtain information relating to using and storing lifting aids and equipment.
2	Know how to comply with relevant legislation and official guidance when moving, handling and/or storing resources.	2.1 Describe their responsibilities under current legislation and official guidance whilst working: <ul style="list-style-type: none"> - in the workplace, in confined spaces, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		2.3 Explain what the accident reporting procedures are and who is responsible for making the reports.
		2.4 State the appropriate types of fire extinguishers relevant to the work.
		2.5 Describe how and when the different types of fire extinguishers, relevant to the given occupation, are used in accordance with legislation and official guidance.

3	Maintain safe working practices when moving, handling and/or storing resources.	3.1	Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements when moving, handling and/or storing resources.
		3.2	Use lifting aids safely as appropriate to the work.
		3.3	Protect the environment in accordance with safe working practices as appropriate to the work.
		3.4	<p>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:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
		3.5	Describe how the health and safety control equipment relevant to the work should be used in accordance with the given instructions.
		3.6	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.
4	Select the required quantity and quality of resources for the methods of work to move, handle and/or store occupational resources.	4.1	Select the relevant resources to be moved, handled and/or stored, associated with own work.
		4.2	<p>Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the occupational resources in relation to:</p> <ul style="list-style-type: none"> – lifting and handling aids – container(s) – fixing, holding and securing systems.
		4.3	Describe how the resources should be handled and how any problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.

4	continued	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.
		5.5	Explain why the disposal of waste should be carried safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when moving, handling and/or storing resources.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	State the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given occupational resource information to move, handle and/or store resources to the required guidance.	7.1	Demonstrate the following work skills when moving, handling and/or storing occupational resources: <ul style="list-style-type: none"> – moving, positioning, storing, securing and/or using lifting aids and kinetic lifting techniques.

7	continued	7.2	<p>Move, handle and/or store occupational resources to meet product information and organisational requirements relating to three of the following:</p> <ul style="list-style-type: none"> – sheet material – loose material – bagged or wrapped material – fragile material – tools and equipment – components – liquids.
		7.3	Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them when moving, handling and/or storing occupational resources.
		7.4	Describe the needs of other occupations when moving, handling and/or storing resources.

Title:	Moving, handling and storing resources in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the Construction Skills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit credit value	5
Unit guided learning hours	17

Title:	Installing underlay, battens and roofing components in the workplace	
Unit Number:	T/618/6410	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when installing underlay, battens and roofing components.	1.1	Interpret and extract relevant information from oral/written working instructions, drawings, specifications, method statements, risk assessments and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statement.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> – oral/written working instructions, electronic data, drawings, specifications, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings.
2 Know how to comply with relevant legislation and official guidance when installing underlay, battens and roofing components.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> – in the workplace, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.

3	Maintain safe and healthy working practices when installing underlay, battens and roofing components.	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 underlay, battens and roofing components.
		3.2	Demonstrate compliance with given information and relevant legislation when installing underlay, battens and roofing components in relation to the following: <ul style="list-style-type: none"> – safe use of access equipment/working platforms – safe use, storage and handling of materials, tools and equipments – specific risks to health
		3.3	Explain why and when personal protective equipment (PPE) health and safety control equipment, identified by the principles of prevention, should be used, relating to installing underlay, battens and roofing components, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
4	Select the required quantity and quality of resources for the methods of work to install underlay, battens and roofing components.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> – underlay, battens, counter-battens, undercloak, verge clips, eave ventilation systems and hip irons, – hand tools, power tools and ancillary equipment.

4	continued	4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.
		4.6	Describe how to calculate quantity, length, area and wastage associated with the method/procedure to install underlay, battens and roofing components
5	Minimise the risk of damage to the work and surrounding area when installing underlay, battens and roofing components.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with 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 underlay, battens and roofing components	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – types of work schedules/diaries, progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.

7	Comply with the given contract information to install underlay, battens and roofing components to the required specification.	7.1 Demonstrate the following work skills when installing underlay, battens and roofing components: <ul style="list-style-type: none"> – measuring, cutting, marking out, positioning and fixing.
	7.2 Use and maintain hand tools, power tools and ancillary equipment.	
	7.3 Set out battens to datum points and gauge.	
	7.4 Install materials and components to eaves, verges, hips, ridges, valleys, abutments, openings, penetrations, general areas and vertical surfaces to given working instructions relating to the following: <ul style="list-style-type: none"> – underlay – battens – counter battens – undercloaks – eaves ventilation systems – underlay support trays – fire-breaks. 	
	7.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> – assess suitability of sub-structure – identify and report faults with sub-structure and roof interface – establish fixed points and determine the gauge to set out and fix batten positions – cut underlay, battens and roofing components to the required size and shape – fix underlay, battens and counter-battens, verge clips and hip irons – set out and determine overhang for wet and/or dry fix systems – fix undercloak for bedded verges and/or dry fix systems – install underlay to openings (roof lights, windows) and penetrations 	

7	continued	<ul style="list-style-type: none"> – install underlay support trays and eaves ventilation systems – form fire-stops – recognise when specialist skills and knowledge are required and report accordingly – recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance – use hand tools, power tools and equipment – work at height – use access equipment/working platforms.
		7.6 Describe the needs of other occupations and how to effectively communicate within a team when installing underlay, battens and roofing components.
		7.7 Describe how to maintain the tools and equipment used when installing underlay, battens and roofing components.

Title:	Installing underlay, battens and roofing components in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	37

Title:	Installing pre-formed weathering flashings to roofs in the workplace	
Unit Number:	A/618/6411	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when installing pre-formed weathering flashings to roofs.	1.1	Interpret and extract relevant information from oral/written working instructions, drawings, specifications, method statements, risk assessments and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> – oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings.
2 Know how to comply with relevant legislation and official guidance when installing pre-formed weathering flashings to roofs.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: <ul style="list-style-type: none"> – in the workplace, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.

3	Maintain safe and healthy working practices when installing pre-formed weathering flashings to roofs.	3.1	Use health and safety control safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when installing pre-formed weathering flashings to roofs.
		3.2	Demonstrate compliance with given information and relevant legislation when installing pre-formed weathering flashings to roofs in relation to the following: <ul style="list-style-type: none"> – safe use of access equipment/working platforms – safe use, storage and handling of materials, tools and equipment – specific risks to health
		3.3	Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to installing pre-formed weathering flashings to roofs, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
4	Select the required quantity and quality of resources for the methods of work to install pre-formed weathering flashings to roofs.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> – pre-formed lead flashings, proprietary flashings, soakers, patination fluids, pointing materials – hand tools, power tools and ancillary equipment.
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.

4	continued	4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.
		4.6	Describe how to calculate quantity and length associated with the method/procedure to install weathering flashings to roofs.
5	Minimise the risk of damage to the work and surrounding area when installing pre-formed weathering flashings to roofs.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with 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 pre-formed weathering flashings to roofs.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – types of work schedules/diaries, progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to install pre-formed weathering flashings to roofs to the required specification.	7.1	Demonstrate the following work skills when installing pre-formed weathering flashings to roofs: <ul style="list-style-type: none"> – cutting, fitting, positioning, securing, dressing, pointing and finishing.
		7.2	Use and maintain hand tools, power tools and ancillary equipment

<p>7 continued</p>	<p>7.3 Install pre-formed lead and/or proprietary flashings to single- and double-lap roof coverings, to given working instructions, relating to the following:</p> <ul style="list-style-type: none"> – chimneys – abutments – soil and/or vent pipes – junction saddles – valleys – openings (roof lights, windows).
	<p>7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> – assess suitability of sub-structure – identify and report faults with sub-structure and roof interfaces – cut, fit and place lead and/or proprietary soakers – cut and fit flashing materials to the required size and shape – install step flashings – install valley liners and saddles – install lead aprons, back gutters, soil and/or vent pipe flashings – install flashings to openings (roof lights, windows) – dress flashings – point/seal flashings – apply patination fluid – install proprietary flashings and weatherings – recognise when specialist skills and knowledge are required and report accordingly – recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance – use hand tools, power tools and equipment – work at height – use access equipment/working platforms.
	<p>7.5 Describe the needs of other occupations and how to effectively communicate within a team when installing pre-formed weathering flashings to roofs.</p>

7 continued	7.6 Describe how to maintain the tools and equipment used when installing pre-formed weathering flashings to roofs.
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Title:	Installing pre-formed weathering flashings to roofs in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	33

Title:	Installing single-lap roof tiles to a variable gauge in the workplace	
Unit Number:	Y/618/6416	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when installing single-lap roof tiles to a variable gauge.	1.1	Interpret and extract relevant information from oral/written working instructions, drawings, specifications, method statements, risk assessments and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> – oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings.
2 Know how to comply with relevant legislation and official guidance when installing single-lap roof tiles to a variable gauge.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: <ul style="list-style-type: none"> – in the workplace, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.

3	Maintain safe and healthy working practices when installing single-lap roof tiles to a variable gauge.	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 single-lap roof tiles to a variable gauge.
		3.2	Demonstrate compliance with given information and relevant legislation when installing single-lap roof tiles to a variable gauge in relation to the following: <ul style="list-style-type: none"> – safe use of access equipment/working platforms – safe use, storage and handling of materials, tools and equipment – specific risks to health.
		3.3	Explain why and when health and safety control equipment identified by the principles of prevention should be used, relating to installing single-lap roof tiles to a variable gauge, and the types, purpose and limitations of each type, work situations and general work environment, in relation to: <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
4	Select the required quantity and quality of resources for the methods of work to install single-lap roof tiles to a variable gauge.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - single-lap tiles, fittings, fixings, ridge and hip tiles, dry fix systems, ventilation systems proprietary roofing grade mortar, sand, cement and additives - hand tools, power tools and ancillary equipment.

4	continued	4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.
		4.6	Describe how to calculate quantity, length, area and wastage associated with the method/procedure to install single-lap roof tiles to a variable gauge.
5	Minimise the risk of damage to the work and surrounding area when installing single-lap roof tiles to a variable gauge.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisation procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with current legislation.
		5.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
		5.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when installing single-lap roof tiles to a variable gauge.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of work schedules/diaries, progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to install single-lap roof tiles to a variable gauge to the required specification.	7.1	Demonstrate the following work skills when installing single-lap roof tiles to a variable gauge: <ul style="list-style-type: none"> - measuring, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing.
		7.2	Use and maintain hand tools, power tools and ancillary equipment

<p>7 continued</p>	<p>7.3 Install single-lap roof tiles to a variable gauge and related fittings, fixings and components to given working instructions, using new and/or reclaimed materials for roofs with the following:</p> <ul style="list-style-type: none"> - general areas - eaves - abutments - openings (roof lights, windows) - dry and/or wet fix verges, ridges, hips and valleys.
	<p>7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - assess suitability of sub-structure - identify and report faults with sub-structure and roof interfaces - determine lap and gauge dimensions - cut and fit tiles, fittings and roofing components to the required size and shape - set out and install tiles to a variable gauge and components to eaves, verges, ridge, hips, valleys, openings (roof lights, windows) abutments and general areas - install vents, ridge ventilation and other high level ventilation - mix sand, cement and additives - mix proprietary roofing grade mortar - recognise where reclaimed materials can be used - understand the effects on lap and gauge when using reclaimed imperial sized tiles - form dry and/or wet fix finishing details - recognise when specialist skills and knowledge are required and report accordingly - recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance - use hand tools, power tools and equipment - work at height - use access equipment/working platforms.
	<p>7.5 Describe the needs of other occupations and how to effectively communicate within a team when installing single-lap roof tiles to a variable gauge.</p>

7 continued	7.6 Describe how to maintain the tools and equipment used when installing single-lap roof tiles to a variable gauge.
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Title:	Installing single-lap roof tiles to a variable gauge in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	43

Title:	Installing plain tile roof coverings in the workplace	
Unit Number:	D/618/6417	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when installing plain tile roof coverings.	1.1	Interpret and extract relevant information from oral/written working instructions, drawings, specifications, method statements, risk assessments and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings.
2 Know how to comply with relevant legislation and official guidance when installing plain tile roof coverings.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: <ul style="list-style-type: none"> - in the workplace, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe and healthy working practices when installing plain tile roof coverings.	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 plain tile roof coverings.

3	continued	3.2	Demonstrate compliance with given information and relevant legislation when installing plain tile roof coverings in relation to the following: <ul style="list-style-type: none"> - safe use of access equipment/working platforms - safe use, storage and handling of materials, tools and equipment - specific risks to health
		3.3	Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to installing plain tile roof coverings, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
		3.6	Describe how to identify and assess the risks associated with the work situation and general work environment, in relation to the work situation and general work environment.
4	Select the required quantity and quality of resources for the methods of work to install plain tile roof coverings.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - plain tiles, fittings, fixings, ridge and hip tiles, dry fix systems, ventilation systems, proprietary roofing grade mortar, sand, cement and additives - hand tools, power tools and ancillary equipment.
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.

4	continued	4.6 Describe how to calculate quantity, length, area and wastage associated with the method/procedure to install plain tile roof coverings.
5	Minimise the risk of damage to the work and surrounding area when installing plain tile roof coverings.	5.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2 Minimise damage and maintain a clean work space.
		5.3 Dispose of waste in accordance with 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 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 plain tile roof coverings.	6.1 Demonstrate completion of the work within the allocated time.
		6.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of work schedules/diaries, progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to install plain tile roof coverings to the required specification.	7.1 Demonstrate the following work skills when installing plain tile roof coverings: <ul style="list-style-type: none"> - measuring, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing.
		7.2 Use and maintain hand tools, power tools and ancillary equipment.

7	continued	<p>7.3 Install, plain roof tiles and related fittings, fixings and components to given working instructions, using new and/or reclaimed materials for roofs with the following:</p> <ul style="list-style-type: none"> - general areas - eaves and top course - abutments - openings (roof lights, widows) - dry and/or wet fix verges, ridges, hips and valleys
		<p>7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - assess suitability of sub-structure - identify and report faults with sub-structure and roof interfaces - determine lap and gauge dimensions - cut and fit tiles, fittings and roofing components to the required size and shape - set out and install tiles and components to eaves and top course, verges, ridge, hips, valleys, openings (roof lights, windows), abutments and general areas - set out and install tiles to vertical surfaces including gable ends, openings, penetrations and internal and external corners - mix sand, cement and additives - mix proprietary roofing grade mortar - install vents, ridge ventilation and other high level ventilation - form dry and/or wet fix finishing details - recognise where reclaimed materials can be used - understand the effects on lap and gauge when using reclaimed imperial sized tiles - understand the uses and limitations of hand-made/crafted clay tiles - recognise when specialist skills and knowledge are required and report accordingly - recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance - use hand tools, power tools and equipment - work at height - use access equipment/working platforms.

7	continued	7.5	Describe the needs of other occupations and how to effectively communicate within a team when installing plain tile roof coverings.
		7.6	Describe how to maintain the tools and equipment used when installing plain tile roof coverings.

Title:	Installing plain tile roof coverings in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	57

Title:	Installing regular sized natural roof slate to standard roof details in the workplace	
Unit Number:	R/618/7323	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when installing regular sized natural roof slate to standard roof details.	1.1	Interpret and extract relevant information from oral/written working instructions, drawings, specifications, method statements, risk assessments and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings.
2 Know how to comply with relevant legislation and official guidance when installing regular sized natural roof slate to standard roof details.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: <ul style="list-style-type: none"> - in the workplace, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe and healthy working practices when installing regular sized natural roof slate to standard roof details.	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 regular sized natural roof slate to standard roof details.

3	continued	3.2	Demonstrate compliance with given information and relevant legislation when installing regular sized natural roof slate to standard roof details in relation to the following: <ul style="list-style-type: none"> -safe use of access equipment/working platforms -safe use, storage and handling of materials, tools and equipment - specific risks to health
		3.3	Explain why and when health and safety control equipment identified by the principles of prevention should be used, relating to installing regular sized natural roof slate to standard roof details, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
		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 regular sized natural roof slate to standard roof details.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - regular sized natural slates, fixings, ridge and hip tiles, dry fix systems, ventilation systems, proprietary roofing grade mortar, sand, cement and additives - hand tools, power tools and ancillary equipment.
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.

4	continued	4.6 Describe how to calculate quantity, length, area and wastage associated with the method/procedure to install regular sized natural roof slate to standard roof details.
5	Minimise the risk of damage to the work and surrounding area when installing regular sized natural roof slate to standard roof details.	5.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2 Minimise damage and maintain a clean work space.
		5.3 Dispose of waste in accordance with 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 in relation to the work 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 regular sized natural roof slate to standard roof details.	6.1 Demonstrate completion of the work within the allocated time.
		6.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of work schedules/diaries, progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to install regular sized natural roof slate to standard roof details to the required specification.	7.1 Demonstrate the following work skills when installing regular sized natural roof slate to standard roof details: <ul style="list-style-type: none"> - measuring, setting out, marking out, grading, holing, cutting, fitting, mixing, positioning, securing and finishing.
		7.2 Use and maintain hand tools, power tools and ancillary equipment

<p>7 continued</p>	<p>7.3 Install regular sized natural roof slates to battens and/or boards and related fittings, fixings and components to given working instructions, using new and/or reclaimed materials for roofs with the following:</p> <ul style="list-style-type: none"> - general areas - eaves and top course - abutments - openings (roof lights, windows) - dry and/or wet fix verges, ridges, hips and valleys
	<p>7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - assess suitability of sub-structure - identify and report faults with sub-structure and roof interfaces - determine lap and gauge dimensions - cut and fit slates, fittings and roofing components to the required size and shape - grade and hole slates - fix slates to battens or direct to boarded areas - set out and install slates and components to eaves and top course, verges, ridge, hips, valleys, openings (roof lights, windows), abutments, and general areas - install vents, ridge ventilation and other high level ventilation - mix sand, cement and additives - mix proprietary roofing grade mortar - form dry and/or wet fix finishing details - recognise where reclaimed materials can be used - understand the effects on lap and gauge when using reclaimed imperial sized slates - recognise when specialist skills and knowledge are required and report accordingly - recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance - use hand tools, power tools and ancillary equipment - work at height - use access equipment/working platforms.

7	continued	7.5	Describe the needs of other occupations and how to effectively communicate within a team when installing regular sized natural roof slate to standard roof details.
		7.6	Describe how to maintain the tools and equipment used when installing regular sized natural roof slate to standard roof details.

Title:	Installing regular sized natural roof slate to standard roof details in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	83

Title:	Installing fully supported lead and hard metal roofing, cladding and weatherings in the workplace	
Unit Number:	T/650/0102	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when installing fully supported lead and hard metal roofing, cladding and weatherings.	1.1	Interpret and extract relevant information from oral/written instructions, drawings, specifications, schedules method statements, risk assessments and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - oral/written instructions, drawings, electronic data, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing buildings.
2 Know how to comply with relevant legislation and official guidance when installing fully supported lead and hard metal roofing, cladding and weatherings.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> - in the workplace, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, buildings, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe and healthy working practices when installing fully supported lead and hard metal roofing, cladding and weatherings.	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 fully supported lead and hard metal roofing, cladding and weatherings.

3	continued	3.2	Demonstrate compliance with given information and relevant legislation when installing fully supported lead and hard metal roofing, cladding and weatherings in relation to the following: <ul style="list-style-type: none"> - safe use of access equipment - safe use, storage and handling of materials, tools and equipment - specific risks to health.
		3.3	Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to installing fully supported lead and hard metal roofing, cladding and weatherings, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
		4	Select the required quantity and quality of resources for the methods of work to install fully supported lead and hard metal roofing, cladding and weatherings.
4	Select the required quantity and quality of resources for the methods of work to install fully supported lead and hard metal roofing, cladding and weatherings.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - lead, hard metal, underlay, vents, fixings, finishings and ancillary items - hand tools, power tools and equipment.
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.

4	continued	4.6 Describe how to calculate quantity, length, area and wastage associated with the method/procedure to install fully supported lead and hard metal roofing, cladding and weatherings.
5	Minimise the risk of damage to the work and surrounding area when installing fully supported lead and hard metal roofing, cladding and weatherings.	5.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2 Minimise damage and maintain a clean work space.
		5.3 Dispose of waste in accordance with 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 fully supported lead and hard metal roofing, cladding and weatherings.	6.1 Demonstrate completion of the work within the allocated time.
		6.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to install fully supported lead and hard metal roofing, cladding and weatherings to the required specification.	7.1 Demonstrate the following work skills when installing fully supported lead and hard metal roofing, cladding and weatherings: <ul style="list-style-type: none"> - measuring, setting out, cutting, profiling, positioning, securing and jointing.
		7.2 Use and maintain hand tools, power tools and ancillary equipment.
		7.3 Prepare substrate and install, to given working instructions, fully supported flat lead roofing or low pitched hard metal roofing.

<p>7 continued</p>	<p>7.4 Prepare substrate and install, to given working instructions, fully supported lead or hard metal roofing to the following:</p> <ul style="list-style-type: none"> - pitched roofs - vertical cladding.
	<p>7.5 Install two of the following fully supported lead or hard metal weatherings to horizontal, vertical and inclined surfaces to given working instructions:</p> <ul style="list-style-type: none"> - soffits - cornices or parapets - gutters.
	<p>7.6 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - identify and report faults with sub-structure and roof interfaces - clean/clear substrate - lay underlay if required - install/fabricate ventilation systems - set out joints - prepare/fabricate lead or hard metal (cut to length and profile) - install fully supported flat lead roofing or low pitched hard metal roofing - install fully supported lead or hard metal pitched roofs and vertical cladding - install fully supported lead or hard metal weatherings to vertical, horizontal and inclined surfaces and abutments for soffits, cornices/parapets and gutters - join and terminate lead or hard metal in width and length - ensure the integrity of joints, fixings and ventilation - recognise when specialist skills and knowledge are required and report accordingly - recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance - use hand tools, power tools and equipment - work at height - use access equipment.

7	continued	7.7	Describe the needs of other occupations and how to effectively communicate within a team when installing fully supported lead and hard metal roofing, cladding and weatherings.
		7.8	Describe how to maintain the tools and equipment used when installing fully supported lead and hard metal roofing, cladding and weatherings.

Title:	Installing fully supported lead and hard metal roofing, cladding and weatherings in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	93

Title:	Repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings in the workplace	
Unit Number:	Y/650/0103	
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 repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings.	1.1 Interpret and extract relevant information from oral/written instructions, drawings, specifications, schedules, method statements, risk assessments and manufacturers' information.
		1.2 Comply with information and/or instructions derived from risk assessments and method statements.
		1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4 Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - oral/written instructions, drawings, electronic data, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing buildings.
2	Know how to comply with relevant legislation and official guidance when repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings.	2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> - in the workplace, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, buildings, company and operative.
		2.3 Explain what the accident reporting procedures are and who is responsible for making reports.

3	Maintain safe and healthy working practices when repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings.	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 repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings.
		3.2	Demonstrate compliance with given information and relevant legislation when repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings in relation to the following: <ul style="list-style-type: none"> - safe use of access equipment - safe use, storage and handling of materials, tools and equipment - specific risks to health.
		3.3	Explain why and when health and safety control equipment, identified by the principles of prevention should be used, relating to repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings, and the types, purpose and limitations of each type, the work situation and general environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
4	Select the required quantity and quality of resources for the methods of work to repair and maintain fully supported lead and hard metal roofing, cladding and weatherings.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - lead, hard metal, underlay, fixings, finishings, ancillary items and substrate - hand tools, power tools and equipment.

4	continued	4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.
		4.6	Describe how to calculate quantity, length, area and wastage associated with the method/procedure to repair and maintain fully supported lead and hard metal roofing, cladding and weatherings.
5	Minimise the risk of damage to the work and surrounding area when repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with 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 repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.

7	Comply with the given contract information to repair and maintain fully supported lead and hard metal roofing, cladding and weatherings to the required specification.	7.1	<p>Demonstrate the following work skills when repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings:</p> <ul style="list-style-type: none"> - measuring, marking/setting out, removing, cutting, jointing, fixing or dressing, positioning and securing.
		7.2	Use and maintain hand tools, power tools and ancillary equipment.
		7.3	<p>Repair and maintain fully supported lead and hard metal roofing or cladding and weatherings to horizontal, vertical and inclined surfaces to given working instructions relating to the following:</p> <ul style="list-style-type: none"> - remove, repair or replace defective coverings/components - install and/or repair lead or hard metal.
		7.4	<p>Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - identify access arrangements - inspect surfaces to determine condition and identify defects - identify and report faults with sub-structure and roof interfaces - remove, replace, cut, joint, fix or dress to repair defective coverings/components - lay underlay if required - install and/or repair fully supported lead or hard metal roofing, cladding and weatherings to horizontal, vertical and inclined surfaces

<p>7 continued</p>	<ul style="list-style-type: none"> - ensure the integrity of joints - remove blockages to ensure free drainage - recognise when specialist skills and knowledge are required and report accordingly - recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance - use hand tools, power tools and equipment - work at height - use access equipment.
	<p>7.5 Describe the needs of other occupations and how to effectively communicate within a team when repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings.</p>
	<p>7.6 Describe how to maintain the tools and equipment used when repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings.</p>

Title:	Repairing and maintaining fully supported lead and hard metal roofing, cladding and weatherings in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	50

Title:	Preparing roof structures for thatching in the workplace	
Unit Number:	F/504/9623	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when preparing roof structures for thatching.	1.1	Interpret and extract relevant information from drawings, specifications, method statements, risk assessments, schedules and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing buildings and associated with historical conservation and the preparation of roof structures for thatching.
2 Know how to comply with relevant legislation and official guidance when preparing roof structures for thatching.	2.1	Describe their responsibilities regarding potential accidents and health hazards, whilst working: <ul style="list-style-type: none"> - in the workplace, at height, in confined spaces, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
	2.4	Describe the types of fire extinguishers available when preparing roof structures for thatching and describe how and when they are used.

3	Maintain safe and healthy working practices when preparing roof structures for thatching.	3.1	Use health and safety control equipment and access equipment (if applicable) safely to carry out the activity in accordance with current legislation and organisational requirements when preparing roof structures for thatching.
		3.2	Comply with information relating to specific risks to health when preparing roof structures for thatching.
		3.3	Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to preparing roof structures for thatching, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given 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 hazards.
4	Select the required quantity and quality of resources for the methods of work to prepare roof structures for thatching.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - timber, fixings - cleaning agents and timber treatments - hand and/or portable powered tools and equipment.
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.

4	continued	4.6 Describe how to calculate quantity, length, area and wastage associated with the method/procedure to prepare roof structures for thatching.
5	Minimise the risk of damage to the work and surrounding area when preparing roof structures for thatching.	5.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2 Minimise damage and maintain a clean work space.
		5.3 Dispose of waste in accordance with current legislation.
		5.4 Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
		5.5 Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when preparing roof structures for thatching.	6.1 Complete the work within the allocated time when preparing roof structures for thatching.
		6.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to prepare roof structures for thatching to the required specification.	7.1 Demonstrate the following work skills when preparing roof structures for thatching: <ul style="list-style-type: none"> - measuring, marking out, removing and repairing.
		7.2 Prepare for thatching to given working instructions by: <ul style="list-style-type: none"> - removing existing thatch (full and/or partial) - reinforcing and making good roof structure - cleaning and treating roof structure.
		7.3 Safely use materials, hand tools, portable power tools and ancillary equipment.

7	continued	7.4	Safely store the materials, tools and equipment used when preparing roof structures for thatching.
		7.5	Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> - remove existing thatch (full or partial) - assess the integrity of roof structures - identify areas that require preparation, cleaning, treatment, repair, replacement and reinforcement - salvage and store components and materials that can be reused - protect replacement and salvaged materials - reinforce and make good roof structure - prepare, handle and apply cleaning and treatment substances and solutions - confirm the prepared structure will support the proposed thatch materials thicknesses and depths to provide optimum long term performance - work on buildings of historical significance - apply fire prevention measures - use hand tools, portable power tools and equipment - work at height - use access equipment.
		7.6	Describe the needs of other occupations and how to effectively communicate within a team when preparing roof structures for thatching.
		7.7	Describe how to maintain the tools and equipment used when preparing roof structures for thatching.

Title:	Preparing roof structures for thatching in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	60

Title:	Preparing thatching materials in the workplace	
Unit Number:	F/504/9637	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when preparing thatching materials.	1.1	Interpret and extract relevant information from drawings, specifications, method statements, risk assessments, schedules and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing buildings and associated with historical conservation and the preparation of thatching materials.
2 Know how to comply with relevant legislation and official guidance when preparing thatching materials.	2.1	Describe their responsibilities regarding potential accidents and health hazards, whilst working: <ul style="list-style-type: none"> - in the workplace, at height, in confined spaces, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
	2.4	Describe the types of fire extinguishers available when preparing thatching materials and describe how and when they are used.

3	Maintain safe and healthy working practices when preparing thatching materials.	3.1	Use health and safety control equipment and access equipment (if applicable) safely to carry out the activity in accordance with current legislation and organisational requirements when preparing thatching materials.
		3.2	Comply with information relating to specific risks to health when preparing thatching materials.
		3.3	Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to preparing thatching materials, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given 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 hazards.
4	Select the required quantity and quality of resources for the methods of work to prepare thatching materials.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - cereal straw, water reed, sedge grass, heather, marram, bent, bracken, rush, flax and turf (other suitable material) - coppice materials (spars, sways and liggers) - hand and/or portable powered tools and equipment.
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.

4	continued	4.6	Describe how to calculate quantity, length, area and wastage associated with the method/procedure to prepare thatching materials.
5	Minimise the risk of damage to the work and surrounding area when preparing thatching materials.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with current legislation.
		5.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
		5.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when preparing thatching materials.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to prepare thatching materials to the required specification.	7.1	Demonstrate the following work skills when preparing thatching materials: <ul style="list-style-type: none"> - measuring, bedding, damping, shaking, butting, bundling, bunching, pulling, yealming, tying, splitting and twisting.
		7.2	Prepare two of the following thatching materials to given working instructions: <ul style="list-style-type: none"> - cereal straw - water reed - sedge grass - heather - marram

<p>7 continued</p>	<ul style="list-style-type: none"> - bent - bracken - rush - flax - turf - alternative specialist materials - spars, sways and liggers.
	<p>7.3 Safely use materials, hand tools, portable power tools and ancillary equipment.</p>
	<p>7.4 Safely store the materials, tools and equipment used when preparing thatching materials.</p>
	<p>7.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - recognise thatch materials - prepare for use: cereal straw (long straw, combed wheat reed), water reed, sedge grass, heather, marram, bent, bracken, rush, flax,-turf or alternative specialist materials - produce yealms, bunches, bundles, nitches and wads - make spars, sways and liggers - make dollies or ridge rolls and straw bonds - gather/harvest thatching material - work on buildings of historical significance - use hand tools, portable power tools and equipment - work at height - use access equipment.
	<p>7.6 Describe the needs of other occupations and how to effectively communicate within a team when preparing thatching materials.</p>
	<p>7.7 Describe how to maintain the tools and equipment used when preparing thatching materials.</p>

Title:	Preparing thatching materials in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	53

Title:	Thatching structures in the workplace	
Unit Number:	F/504/9640	
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 thatching structures.	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 buildings and associated with historical conservation for thatching structures.
2	Know how to comply with relevant legislation and official guidance when thatching structures.	2.1 Describe their responsibilities regarding potential accidents and health hazards, whilst working: - in the workplace, at height, in confined spaces, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		2.3 Explain what the accident reporting procedures are and who is responsible for making reports.
		2.4 Describe the types of fire extinguishers available when thatching structures and describe how and when they are used.

3	Maintain safe and healthy working practices when thatching structures.	3.1	Use health and safety control equipment and access equipment (if applicable) safely to carry out the activity in accordance with current legislation and organisational requirements when thatching structures.
		3.2	Comply with information relating to specific risks to health when thatching structures.
		3.3	Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to thatching structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given 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 hazards.
4	Select the required quantity and quality of resources for the methods of work to thatch structures.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - hatch materials: cereal straw (long straw variants, combed wheat reed), water reed - specialist materials: sedge grass, heather, marram, bent, bracken, rush, flax and turf or other suitable material - coppice materials (spars, sways and liggers) - netting - lead - mortar - fixings and ancillary items - hand and/or portable powered tools and equipment.

4	continued	4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.
		4.6	Describe how to calculate quantity, length, area and wastage associated with the method/procedure to thatch structures.
5	Minimise the risk of damage to the work and surrounding area when thatching structures.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with 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 thatching structures.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to thatch structures to the required specification.	7.1	Demonstrate the following work skills when thatching structures: <ul style="list-style-type: none"> - measuring, marking out, fitting, positioning, securing and finishing.

<p>7 continued</p>	<p>7.2 Thatch structures to form main coatwork, eaves, gables and ridge work, to given working instructions, to provide a surface to prevent the penetration of water, using one of the following:</p> <ul style="list-style-type: none"> - long straw variants (cereal straw) - combed wheat reed (cereal straw) - water reed - specialist materials: sedge grass, heather, marram, bent, bracken, rush, flax, turf or others.
	<p>7.3 Prepare spars, sways and liggers to given working instructions.</p>
	<p>7.4 Safely use materials, hand tools, portable power tools and ancillary equipment.</p>
	<p>7.5 Safely store the materials, tools and equipment used when thatching structures.</p>
	<p>7.6 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - thatch structures with long straw variants (cereal straw) - thatch structures with combed wheat reed (cereal straw) - thatch structures with water reed - thatch structures with specialist materials: sedge grass, heather, marram, bent, bracken, rush, flax and turf or other suitable material - prepare spars, sways and liggers - use thatching materials to form main coatwork, eaves, gables and ridge work - form joins with other materials and abutments - ensure thickness and depth of thatch materials will provide optimum long term performance - position fixings to secure and maintain the integrity of the thatch (depth and spacing) - apply fire prevention measures - work on buildings of historical significance - use hand tools, portable power tools and equipment - work at height - use access equipment.

7	continued	7.7	Describe the needs of other occupations and how to effectively communicate within a team when thatching structures.
		7.8	Describe how to maintain the tools and equipment used when thatching structures.

Title:	Thatching structures in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	127

Title:	Erecting and dismantling access/working platforms in the workplace	
Unit Number:	A/615/1609	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when erecting and dismantling access/working platforms.	1.1	Interpret and extract information from specifications, method statements, risk assessments and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statement.
	1.3	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - specifications, current legislation, method statements, risk assessments and manufacturers' information.
2 Know how to comply with relevant legislation and official guidance when erecting and dismantling access/working platforms.	2.1	Describe their responsibilities under current legislation and official guidance whilst working: <ul style="list-style-type: none"> - in the workplace, at height, in confined areas, with tools and equipment, with movement/storage of materials and by manual handling.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	State what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe working practices when erecting and dismantling access/working platforms.	3.1	Use personal protective equipment (PPE) and access equipment safely to carry out the activity in accordance with legislation and organisational requirements when erecting and dismantling access/working platforms.
	3.2	Explain why, when and how personal protective equipment (PPE) should be used, relating to erecting and dismantling access/working platforms, and the types, purpose and limitations of each type.

3	continued	3.3 State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.
4	Select the required quantity and quality of resources for the methods of work to erect and dismantle access/working platforms.	4.1 Describe the characteristics, quality, uses, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - ladders/crawler boards - stepladders/platform steps - trestles - proprietary staging/podiums - proprietary towers - mobile scaffold towers - protection equipment and notices - tools and ancillary equipment.
		4.2 Select resources associated with own work in relation to materials, components, tools and equipment.
		4.3 State how the resources should be used correctly, how problems associated with the resources are reported and how the organisational procedures are used.
		4.4 Outline potential hazards associated with the resources and method of work.
		4.5 Describe how to calculate quantity of equipment required associated with the method/procedure to erect and dismantle access equipment/working platforms.
5	Minimise the risk of damage to the work and surrounding area when erecting and dismantling access/working platforms.	5.1 Protect the work and its surrounding area from damage.
		5.2 Minimise damage and maintain a clean work space.
		5.3 Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
		5.4 Dispose of waste in accordance with legislation.
		5.5 State why the disposal of waste should be carried out in relation to the work.
6	Complete the work within the allocated time when erecting and dismantling access/working platforms.	6.1 Demonstrate completion of the work within the allocated time.

6	continued	<p>6.2 State the purpose of the work programme and explain why deadlines should be kept in relation to:</p> <ul style="list-style-type: none"> - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to erect and dismantle access/working platforms to the required specification.	<p>7.1 Demonstrate the following work skills when erecting and dismantling access/working platforms:</p> <ul style="list-style-type: none"> - moving, positioning/erecting, securing, checking, dismantling and removing.
		<p>7.2 Erect, dismantle and store two of the following access equipment to given access regulations:</p> <ul style="list-style-type: none"> - ladders/crawler boards - stepladders/platform steps - proprietary towers - trestle platforms - mobile scaffold towers - proprietary staging/podiums.
		<p>7.3 Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - provide protection to the work area - establish a base for equipment - erect proprietary access equipment to manufacturer's instructions suitable for the work - erect non-proprietary access equipment suitable for the work - place protective screens and notices - check/monitor equipment during the period of use - dismantle and store access equipment - use tools and equipment - work at height.
		<p>7.4 Safely use and store materials, hand tools and ancillary equipment.</p>
		<p>7.5 State the needs of other occupations and how to communicate within a team when erecting and dismantling access/working platforms.</p>
		<p>7.6 Describe how to maintain the tools and equipment used when erecting and dismantling access/working platforms.</p>

Title:	Erecting and dismantling access/working platforms in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	27

Title:	Maintaining slate and tile roofing in the workplace
Unit Number:	D/617/1206
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 maintaining slate and tile roofing.	1.1 Interpret and extract relevant information from drawings, risk assessments, method statements, specifications, schedules and manufacturers' information.
	1.2 Comply with information and/or instructions derived from risk assessments and method statements.
	1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4 Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - drawings, risk assessments, method statements, specifications, schedules, manufacturers' information and regulations governing buildings.
2 Know how to comply with relevant legislation and official guidance when maintaining slate and tile roofing.	2.1 Describe their responsibilities regarding potential accidents and health hazards, whilst working: <ul style="list-style-type: none"> - in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3 Explain what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe and healthy working practices when maintaining slate and tile roofing.	3.1 Use health and safety control equipment and access equipment safely to carry out the activity in accordance with current legislation and organisational requirements when maintaining slate and tile roofing.
	3.2 Comply with information relating to specific risks to health when maintaining slate and tile roofing.

3	continued	3.3	Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to maintaining slate and tile roofing, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given 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 hazards.
4	Select the required quantity and quality of resources for the methods of work to maintain slate and tile roofing.	4.1	Select resources associated with own work in relation to materials, components and fixings, and tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - slates, tiles, battens, underlays, sand, cement, limes, vents, lead, additives, guttering, downpipes and fixings - hand and/or powered tools and equipment.
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.
		4.6	Describe how to calculate quantity, length, area and wastage associated with the method/procedure to maintain slate and tile roofing.

5	Minimise the risk of damage to the work and surrounding area when maintaining slate and tile roofing.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with 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 maintaining slate and tile roofing.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to maintain slate and tile roofing to the required specification.	7.1	Demonstrate the following work skills when maintaining slate and tile roofing: <ul style="list-style-type: none"> - measuring, marking out, removing, fitting, positioning and securing.
		7.2	Repair specified roof areas to given working instructions for four of the following: <ul style="list-style-type: none"> - slate roofs (local material and style) - tiled roofs (local material and style) - flashings - roof ventilation - rainwater goods.
		7.3	Safely use materials, hand tools, portable power tools and ancillary equipment.
		7.4	Safely store the materials, tools and equipment used when maintaining slate and tile roofing.

7	continued	<p>7.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - remove existing battens, underlays, slates and tiles - replace new battens and underlays - remove, replace and treat lead work/flashings (patination oil) - re-point - position and secure roof ventilation - remove and replace guttering and downpipes - mix mortar - work with plant and machinery - use hand tools, power tools and equipment - work at height - use access equipment.
		<p>7.6 Describe the needs of other occupations and how to effectively communicate within a team when maintaining slate and tile roofing.</p>
		<p>7.7 Describe how to maintain the tools and equipment used when maintaining slate and tile roofing.</p>

Title:	Maintaining slate and tile roofing in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	47

Title:	Installing solar collectors to roofs in the workplace	
Unit Number:	H/615/2186	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when installing solar collectors to roofs.	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	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and regulations governing buildings.
2 Know how to comply with relevant legislation and official guidance when installing solar collectors to roofs.	2.1	Describe their responsibilities under current legislation and official guidance whilst working: <ul style="list-style-type: none"> - in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe working practices when installing solar collectors to roofs.	3.1	Use health and safety control equipment and access equipment safely to carry out the activity in accordance with legislation and organisational requirements when installing solar collectors to roofs.

3	continued	3.2	Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to installing solar collectors to roofs, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.3	Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.
		3.4	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.
		4	Select the required quantity and quality of resources for the methods of work to install solar collectors to roofs.
4	Select the required quantity and quality of resources for the methods of work to install solar collectors to roofs.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - solar collector installation kits - hand and/or powered tools and equipment
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and method of work.
		4.6	Describe how to calculate quantity, length, area and wastage associated with the method/procedure to install solar collectors to roofs.
5	Minimise the risk of damage to the work and surrounding area when installing solar collectors to roofs.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with legislation.

5	continued	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 solar collectors to roofs.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	State the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to installing solar collectors to roofs to the required specification.	7.1	Demonstrate the following work skills when installing solar collectors to roofs: <ul style="list-style-type: none"> - removing, measuring, marking out, cutting, fitting, fixing, positioning, securing and replacing.
		7.2	Prepare for and install solar collectors to roof to given working instructions for one of the following: <ul style="list-style-type: none"> - integrated photo voltaic - mounted photo voltaic - integrated solar thermal - mounted solar thermal
		7.3	Reinstate roof coverings to given working instructions.
		7.4	Safely use and handle materials.
		7.5	Safely use hand tools, portable power tools and ancillary equipment.
		7.6	Safely store the materials, tools and equipment used when installing solar collectors to roofs.

7	continued	<p>7.7 Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - assess the installation area - check the direction the roof is facing - remove or leave out waterproofing elements - mark out for installation using given templates or dimensions - prepare and weatherproof penetrations - fix additional supports - secure fixtures, fittings and collector.
		<p>7.8 Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - reinstate roof covering including flashings - install solar panels during construction and as retrofit to existing buildings - use hand tools, power tools and equipment - work at height - use access equipment.
		<p>7.9 Describe the needs of other occupations and how to effectively communicate within a team when installing solar collectors to roofs.</p>
		<p>7.10 Describe how to maintain the tools and equipment used when installing solar collectors to roofs.</p>

Title:	Installing solar collectors to roofs in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	20

Title:	Utilising provision of fall protection systems and/or equipment in the workplace	
Unit Number:	M/600/8303	
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 utilising provision of fall protection systems and/or equipment.	1.1	Interpret and extract information from plans, drawings, specifications, method statements, risk assessments, schedules and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statement.
	1.3	State the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - drawings, specifications, method statements, risk assessments, schedules, manufacturers' information, regulations and official guidance associated with the provision of fall protection systems.
2 Know how to comply with relevant legislation and official guidance when utilising provision of fall protection systems and/or equipment.	2.1	Describe their responsibilities under current legislation and official guidance whilst working: <ul style="list-style-type: none"> - in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	State what the accident reporting procedures are and who is responsible for making reports.
3 Avoid risk by maintaining safe working practices when utilising provision of fall protection systems and/or equipment.	3.1	Use personal protective equipment (PPE) and access equipment safely to carry out the activity in accordance with legislation and organisational requirements when utilising provision of fall protection systems and/or equipment.

3	continued	3.2	Explain why, when and how personal protective equipment (PPE) should be used, relating to utilising provision of fall protection systems and/or equipment, and the types, purpose and limitations of each type.
		3.3	State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.
4	Select the required quantity and quality of resources for the methods of work to utilise provision of fall protection systems and/or equipment.	4.1	Describe the characteristics, quality, uses, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - collective protective equipment - full body harness - lanyard with and without shock absorber - associated hooks, rings and buckles - tools and equipment.
		4.2	Select resources associated with own work in relation to materials and components, tools and equipment.
		4.3	State how the resources should be used correctly, how problems associated with the resources are reported and how the organisational procedures are used.
		4.4	Outline potential hazards associated with the resources and method of work.
		4.5	Describe how to calculate quantity associated with the method/procedure to utilise provision of fall protection systems.
5	Minimise the risk of damage to the work and surrounding area when utilising provision of fall protection systems and/or equipment.	5.1	Protect the work and its surrounding area from damage.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.
		5.4	Dispose of waste in accordance with legislation.
		5.5	State why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.

6	Complete the work within the allocated time when utilising provision of fall protection systems and/or equipment.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	<p>State the purpose of the work programme and explain why deadlines should be kept in relation to:</p> <ul style="list-style-type: none"> - types of progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to utilise provision of fall protection systems to the required specification and/or equipment.	7.1	<p>Demonstrate the following work skills when utilising provision of fall protection systems and/or equipment:</p> <ul style="list-style-type: none"> - wearing, attaching, setting out, positioning, securing, checking and removing.
		7.2	<p>Employ and utilise fall protection systems and/or equipment to given working instructions, using recognised anchor points for two of the following:</p> <ul style="list-style-type: none"> - scaffold/rigging - secured steelwork structures - wire and rope systems - permanently installed anchorage points - temporary anchorage points - track systems - proprietary systems.

7	continued	<p>7.3 Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - locate and position fall protection systems - wear safety harnesses, attach and secure to fall protection system's equipment - identify the differences between, fall arrest, restraint and access systems and harnesses - identify the differences between shock absorbent and restraining lanyards - visually inspect the fall protection system and equipment for security, safety and operational movement - identify the thorough examination and test criteria for fall protection equipment (inertia reels, eyebolts and anchor points) - apply hierarchy of control measures for working at height - detach and remove fall protection attire and equipment - comply with a rescue plan - use hand tools - use access equipment.
		<p>7.4 Safely use and store materials, hand tools, and fall protection systems and equipment.</p>
		<p>7.5 State the needs of other occupations and how to communicate within a team when utilising provision for fall protection systems.</p>
		<p>7.6 Describe how to maintain the tools, systems and equipment used when utilising provision of fall protection systems and/or equipment.</p>

Title:	Utilising provision of fall protection systems and/or equipment in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	57

Title:	Installing, maintaining and removing work area protection and safety equipment in the workplace	
Unit No	T/650/9529	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when installing, maintaining and removing work area protection and safety equipment.	1.1	Interpret and extract relevant information from drawings, plans, risk assessments, method statements, specifications, schedules and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> – drawings, plans, risk assessments, method statements, specifications, schedules, site inspection reports, manufacturers' information, verbal and written instructions, current regulations and official guidance associated with protecting work areas.
2 Know how to comply with relevant legislation and official guidance when establishing work area protection and safety.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: <ul style="list-style-type: none"> – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe and healthy working practices when installing, maintaining and removing work area protection and safety equipment.	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, maintaining and removing work area protection and safety equipment.

3 continued	3.2	Demonstrate compliance with given information and relevant legislation when installing, maintaining and removing work area protection and safety equipment in relation to at least two of the following: <ul style="list-style-type: none"> – safe use of access equipment – safe use, storage and handling of materials, tools and equipment – specific risks to health.
	3.3	Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to installing, maintaining and removing work area protection and safety equipment, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).
	3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
	3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
4 Select the required quantity and quality of resources for the methods of work to install, maintain and remove work area protection and safety equipment.	4.1	Select resources associated with own work in relation to materials, components and fixings, and tools and equipment.
	4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> – safety and security equipment (cones, tapes, fences, barriers, hoarding, doors, gates) – protection and safety notices – signs and lighting – hand tools, 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 and area associated with the method and procedure to install, maintain and remove work area protection and safety equipment.
5 Minimise the risk of damage to the work and surrounding area when installing, maintaining and removing work area protection and safety equipment.	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, maintaining and removing work area protection and safety equipment.	6.1	Demonstrate completion of the work within the allocated time.
	6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> – types of productivity targets and time scales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.

7 Comply with the given contract information to install, maintain and remove work area protection and safety equipment to the required specification.	7.1 Demonstrate the following work skills when installing, maintaining and removing work area protection and safety equipment: <ul style="list-style-type: none"> – measuring, setting out, positioning, assembling, constructing, securing, dismantling and removing.
	7.2 Use and maintain hand tools, power tools and ancillary equipment.
	7.3 Install, maintain and remove temporary protection and safety arrangements for the work area, to given working instructions, relating to protection equipment, barriers, fences and at least one of the following: <ul style="list-style-type: none"> – protection and safety notices – safety lighting.
	7.4 Report work undertaken
	7.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> – plan for the protection and the safety of the work and surrounding environment – conform to agreed specification – confirm the location of utility services and ensure they are protected – prepare and set out area protection equipment to required dimensions – install, check and maintain the protection and safety equipment – dismantle and remove protection and safety equipment – install safety notices – install lighting systems – monitor and check accuracy during progress and on completion of work – install, maintain and remove work area protection equipment in public areas – transport, load and off load work area protection equipment – recognise and determine when specialist skills and knowledge are required and report accordingly – use hand tools, power tools and equipment – work at height – use access equipment.

7 continued	7.6 Describe the needs of other occupations and how to communicate effectively within a team when installing, maintaining and removing work area protection and safety equipment in the workplace.
	7.7 Describe how to maintain the tools and equipment used when installing, maintaining and removing work area protection and safety equipment in the workplace.

Title:	Installing, maintaining and removing work area protection and safety equipment in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the Construction Skills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>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.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	55

Title:	Clearing the site and handing over on completion in the workplace	
Unit Number:	L/617/1198	
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 clearing the site and handing over on completion.	1.1 Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information.
		1.2 Comply with information and/or instructions derived from risk assessments and method statements.
		1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4 Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - drawings, specifications, schedules, method statements, risk assessments and manufacturers' information.
2	Know how to comply with relevant legislation and official guidance when clearing the site and handing over on completion.	2.1 Describe their responsibilities regarding potential accidents and health hazards, whilst working: <ul style="list-style-type: none"> - in the workplace, below ground level, at height, in confined spaces, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		2.3 Explain what the accident reporting procedures are and who is responsible for making reports.
3	Maintain safe and healthy working practices when clearing the site and handing over on completion.	3.1 Use health and safety control equipment and access equipment (if applicable) safely to carry out the activity in accordance with current legislation and organisational requirements when clearing the site and handing over on completion.
		3.2 Comply with information relating to specific risks to health when clearing the site and handing over on completion.

3	continued	3.3	<p>Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to clearing the site and handing over on completion, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:</p> <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given 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 hazards.
4	Select the required quantity and quality of resources for the methods of work to clear the site and hand over on completion.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	<p>Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to:</p> <ul style="list-style-type: none"> - fittings and fixings - hand and/or portable powered tools and equipment.
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.
5	Minimise the risk of damage to the work and surrounding area when clearing the site and handing over on completion.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with current legislation.

5	continued	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 clearing the site and handing over on completion.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to clear the site and hand over on completion to the required specification.	7.1	Demonstrate the following work skills when clearing the site and handing over on completion: <ul style="list-style-type: none"> - finishing, positioning, dismantling, clearing, cleaning, tidying and securing.
		7.2	Complete the task and hand the site over, in accordance to given working instructions, ensuring the following: <ul style="list-style-type: none"> - excess materials are removed - the quality of the finished task matches the given specification - the client, customer or their representative is provided with relevant information and advice - the clients, customer or their representative accepts the condition of the completed task and site - records, reports and documentation are completed and registered.
		7.3	Safely use materials, hand tools, portable power tools and ancillary equipment.
		7.4	Safely store the materials, tools and equipment used when clearing the site and handing over on completion.

7	continued	<p>7.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - identify required finish quality - remove and dispose of hazardous waste and non-hazardous waste - identify information that will be required by the client, customer or their representative - remove excess materials - clean and clear the task and surrounding area - secure site or work area - recognise and determine when specific skills and knowledge are required and report accordingly - make recommendations for specialist intervention - work on buildings of historical significance - complete records, reports and documentation, work sheets, guarantees, warranties, customer service information - register documentation - use hand tools, portable power tools and equipment - work at height - use access equipment.
		<p>7.6 Describe the needs of other occupations and how to effectively communicate within a team when clearing the site and handing over on completion.</p>
		<p>7.7 Describe how to maintain the tools and equipment used when clearing the site and handing over on completion.</p>

Title:	Clearing the site and handing over on completion in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	05.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	40

Title:	Applying solid render to background surfaces and producing finishes in the workplace	
Unit Number:	A/615/8317	
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 applying solid render to background surfaces and producing finishes.	1.1	Interpret and extract relevant information from drawings, specifications, schedules, method statement, risk assessments and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing buildings.
2 Know how to comply with relevant legislation and official guidance when applying solid render to background surfaces and producing finishes.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> - in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe and healthy working practices when applying solid render to background surfaces and producing finishes.	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 applying solid render to background surfaces and producing finishes.

3	continued	3.2	Demonstrate compliance with given information and relevant legislation when applying solid render to background surfaces and producing finishes in relation to the following: <ul style="list-style-type: none"> - safe use of access equipment/working platforms - safe use, storage and handling of materials, tools and equipment - specific risks to health.
		3.3	Explain why and when health and safety control equipment identified by the principles of prevention should be used, relating to applying solid render to background surfaces and producing finishes and the types, purpose and limitations of each type, the work situation and general work environment in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with 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.
		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 apply solid render to background surfaces and produce finishes.	4.1	Select resources associated with own work in relation to materials, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - render, sand, lime, cement and additives - bellcasts and beads, expanded metal lath (EML) - dash, rough-cast (harling, wet dash), proprietary pre-cast finish, synthetic and non-synthetic renders - reinforcement, stress patches, sealants, fixings and fittings - hand tools, portable power tools and ancillary equipment.
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.

4	continued	4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.
		4.6	Describe how to calculate quantity, length, area and wastage associated with the method/procedure to apply external solid render to background surfaces and produce finishes.
5	Minimise the risk of damage to the work and surrounding area when applying solid render to background surfaces and producing finishes.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with 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 applying solid render to background surfaces and producing finishes.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to apply solid render to background surfaces and produce finishes to the required specification.	7.1	Demonstrate the following work skills when applying solid render to background surfaces and producing finishes <ul style="list-style-type: none"> - measuring, marking out, mixing, applying and finishing.
		7.2	Use and maintain hand tools, portable power tools and ancillary equipment.
		7.3	Apply base coats, reinforcing mesh and stress patches.

<p>7 continued</p>	<p>7.4 Prepare background surfaces, mix and apply solid render to bellcasts, internal and external angles, walls, reveals and soffits and to one of the following background surfaces to given working instructions</p> <ul style="list-style-type: none"> - brick - block - concrete - rubble stone masonry - external insulation - expanded metal lath (EML).
	<p>7.5 Produce a plain-faced finish coat to external walls and/or external insulation plus one of the following finishes to given working instructions</p> <ul style="list-style-type: none"> - dash - rough-cast (harling, wet dash) - synthetic or non-synthetic renders - proprietary pre-cast.

<p>7 continued</p>	<p>7.6 Describe how to apply safe, and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - carry out pre-installation checks to include structural integrity, dampness, vents, services (gas, electric, water, media cables) - mix render to the required strength for background surfaces and supporting fixtures - prepare backgrounds surfaces - recognise the procedures to check flues and combustion air ventilation - understand the implications of existing guarantees and warranties - apply base coats, reinforcing mesh and stress patches - apply multiple coat renders to external walls - form internal and external angles, reveals, expansion joints and bellcasts - position, secure and apply renders to expanded metal lath (EML) - apply, dash, plain faced coat, rough-cast (harling, wet-dash), synthetic and non-synthetic renders, proprietary pre-cast finishes and sealants to external surfaces and external insulation including door and window reveals - complete post installation checks: compliance with specifications, resistance to water penetration, anchorage/fixing, vents, services (gas, electric, water, media cables) - recognise and determine when specialist skills and knowledge are required and report accordingly - understand specific requirements for structures of special interest, traditional build (pre 1919) and historical significance - use hand tools, portable power tools and ancillary equipment - work at height - use access equipment/working platforms.
	<p>7.7 Describe the needs of other occupations and how to effectively communicate within a team when applying solid render to background surfaces and producing finishes.</p>

7 continued	7.8 Describe how to maintain the tools and equipment used when applying solid render to background surfaces and producing finishes.
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Title:	Applying solid render to background surfaces and producing finishes in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	90

Title:	Installing double-lap artificial roof slates in the workplace	
Unit Number:	F/618/6412	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when installing double-lap artificial roof slates.	1.1	Interpret and extract relevant information from oral/written working instructions, drawings, specifications, method statements, risk assessments and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings.
2 Know how to comply with relevant legislation and official guidance when installing double-lap artificial roof slates.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: <ul style="list-style-type: none"> - in the workplace, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.

3	Maintain safe and healthy working practices when installing double-lap artificial roof slates.	3.1	Use health and safety control equipment safely and comply with the methods of works to carry out the activity in accordance with current legislation and organisational requirements when installing double-lap artificial roof slates.
		3.2	Demonstrate compliance with given information and relevant legislation when installing double-lap artificial roof slates in relation to the following: <ul style="list-style-type: none"> - safe use of access equipment/working platforms - safe use, storage and handling of materials, tools and equipment - specific risks to health.
		3.3	Explain why and when health and safety control equipment, identified by the principles of prevention should be used, relating to installing double-lap artificial roof slates, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
4	Select the required quantity and quality of resources for the methods of work to install double-lap artificial roof slates.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - double-lap artificial slates, fittings, fixings, ridge and hip tiles, dry fix systems and ventilation systems, - hand tools, power tools and ancillary equipment.

4	continued	4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.
		4.6	Describe how to calculate quantity, length, area and wastage associated with the method/procedure to install double-lap artificial roof slates.
5	Minimise the risk of damage to the work and surrounding area when installing double-lap artificial roof slates.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with 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 double-lap artificial roof slates.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: types of work schedules/diaries, progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to install double-lap artificial roof slates to the required specification.	7.1	Demonstrate the following work skills when installing double-lap artificial roof slates: - measuring, setting out, marking out, cutting, fitting, positioning, securing and finishing.

7	continued	7.2	Use and maintain hand tools, power tools and ancillary equipment.
		7.3	<p>Install double-lap artificial slates and related fittings, fixings and components to given working instructions, using new materials for roofs with the following:</p> <ul style="list-style-type: none"> - general areas - eaves and top course - abutments - openings (roof lights, windows) - dry fix verges, ridges, hips and valleys.
		7.4	<p>Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - assess suitability of sub-structure - identify and report faults with sub-structure and roof interfaces - determine lap and gauge dimensions - cut and fit slates, fittings and roofing components to the required size and shape - install undereaves, eaves and top course - set out and install slates and components to eaves and top course, verges, ridge, hips, valleys, openings (roof lights, windows), abutments, and general areas - set out and install double-lap artificial roof slates to vertical surfaces including gable ends, openings, penetrations, internal and external corners - install vents, ridge ventilation and other high level ventilation - form dry fix finishing details - recognise when specialist skills and knowledge are required and report accordingly - recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance - use hand tools, power tools and equipment - work at height - use access equipment/working platforms.
		7.5	Describe the needs of other occupations and how to effectively communicate within a team when installing double-lap artificial roof slates.

7 continued	7.6 Describe how to maintain the tools and equipment used when installing double-lap artificial roof slates.
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Title:	Installing double-lap artificial roof slates in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	33

Title:	Stripping and reclaiming roof coverings in the workplace	
Unit Number:	R/618/6415	
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 stripping and reclaiming roof coverings.	1.1 Interpret and extract relevant information from oral/written working instructions, drawings, specifications, method statements, risk assessments and manufacturers' information.
		1.2 Comply with information and/or instructions derived from risk assessments and method statements.
		1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4 Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings.
2	Know how to comply with relevant legislation and official guidance when stripping and reclaiming roof coverings.	2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: <ul style="list-style-type: none"> - in the workplace, in confined spaces. at height, with tools and equipment, with materials and substances, with movement/ storage of materials and by manual handling and mechanical lifting.
		2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		2.3 Explain what the accident reporting procedures are and who is responsible for making reports.
3	Maintain safe and healthy working practices when stripping and reclaiming roof coverings.	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 stripping and reclaiming roof coverings.

3	continued	3.2	Demonstrate compliance with given information and relevant legislation when stripping and reclaiming roof coverings. in relation to the following: <ul style="list-style-type: none"> - safe use of access equipment/working platforms - safe use, storage and handling of materials, tools and equipment - specific risks to health.
		3.3	Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to stripping and reclaiming roof coverings, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
		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 strip and reclaim roof coverings.	4.1	Select resources associated with own work in relation to tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - hand tools, power tools and ancillary equipment.
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.

4	continued	4.6	Describe how to calculate quantity associated with the method/procedure to strip and reclaim roof coverings.
5	Minimise the risk of damage to the work and surrounding area when stripping and reclaiming roof coverings.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with 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 stripping and reclaiming roof coverings.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to strip and reclaim roof coverings to the required specification.	7.1	Demonstrate the following work skills when stripping and reclaiming roof coverings: <ul style="list-style-type: none"> - removing, reclaiming, de-nailing, re-holing, re-sizing, cleaning and sorting.
		7.2	Use and maintain hand tools, power tools and ancillary equipment.
		7.3	Remove, reclaim and/or dispose of weathering materials and ancillary components to given working instructions, plus two of the following: <ul style="list-style-type: none"> - natural slates - plain tiles - single-lap tiles - stone slates.

7	continued	7.4	Prepare surface and materials ready for re-roofing in accordance with given working instructions.
		7.5	Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> - assess suitability of sub-structure - identify and report faults with sub-structure and roof interfaces - position temporary stop boards at eaves - remove existing roof coverings - clear roof of debris and nails in rafters and other roof timbers - sort removed roof coverings and dispose of unwanted materials - reclaim reusable tiles and natural slates, stone slates and weatherings - assess the suitability of materials to be reclaimed - determine sizes of imperial and metric slates - stack/store reclaimed materials for reuse - prepare materials for reuse, including de-nailing, re-holing and re-sizing - recognise when specialist skills and knowledge are required and report accordingly - recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance - use hand tools, power tools and equipment - work at height - use access equipment/work platforms.
		7.6	Liaise with clients regarding procedures for carrying out the work and protecting property and the surrounding area
		7.7	Describe the needs of other occupations and how to effectively communicate within a team when stripping and reclaiming roof coverings.
		7.8	Describe how to maintain the tools and equipment used when stripping and reclaiming roof coverings.

Title:	Stripping and reclaiming roof coverings in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	50

Title:	Installing components for warm and cold roof construction in the workplace	
Unit Number:	D/650/9530	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1	Interpret the given information relating to the work and resources when installing components for warm and cold roof construction.	1.1 Interpret and extract relevant information from oral/written working instructions, drawings, specifications, method statements, risk assessments and manufacturers' information.
		1.2 Comply with information and/or instructions derived from risk assessments and method statements.
		1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4 Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings.
2	Know how to comply with relevant legislation and official guidance when installing components for warm and cold roof construction.	2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> - in the workplace, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		2.3 Explain what the accident reporting procedures are and who is responsible for making reports.

3	Maintain safe and healthy working practices when installing components for warm and cold roof construction.	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 components for warm and cold roof construction.
		3.2	Demonstrate compliance with given information and relevant legislation when installing components for warm and cold roof construction in relation to the following: <ul style="list-style-type: none"> - safe use of access equipment/working platforms - safe use, storage and handling of materials, tools and equipment - specific risks to health.
		3.3	Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to installing components for warm and cold roof construction, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
4	Select the required quantity and quality of resources for the methods of work to install components for warm and cold roof construction.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - underlays, counter-battens, quilt and rigid insulation and ventilation systems - hand tools, power tools and equipment.

4	continued	4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.
		4.6	Describe how to calculate quantity, length, area and wastage associated with the method/procedure to install components for warm and cold roof construction.
5	Minimise the risk of damage to the work and surrounding area when installing components for warm and cold roof construction.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with 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 components for warm and cold roof construction.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of work schedules/diaries, progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to install components for warm and cold roof construction to the required specification.	7.1	Demonstrate the following work skills when installing components for warm and cold roof construction: <ul style="list-style-type: none"> - measuring, cutting, marking out, fitting, positioning and securing.

<p>7 continued</p>	<p>7.2 Use and maintain hand tools, power tools and ancillary equipment.</p>
	<p>7.3 Install the following roofing components to roofs with ridges, verges, hips and valleys, openings, penetrations and abutments to given working instructions to construct a warm and cold roof:</p> <ul style="list-style-type: none"> - counter-battens - ventilation systems - over and/or between rafter level insulation - ceiling level insulation - access hatch insulation.
	<p>7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - assess suitability of sub-structure - identify and report faults with sub-structure and roof interfaces - cut and fit warm and cold roof materials and components to the required size, shape and dimension - fix underlay and counter-battens to roof design - install ventilation systems - install over and/or between rafter level insulation - install ceiling level insulation - install access hatch insulation - remove ineffective/damaged insulation from roof area - check and maintain adequate ventilation - check supporting timber at hips, valleys, ridges, abutments and openings - recognise the principles of warm/cold roof construction - recognise ceiling construction, including air tightness, air layers and vapour control layers - recognise when specialist skills and knowledge are required and report accordingly - recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance - use hand tools, power tools and ancillary equipment - work at height - use access equipment.

7	continued	7.5	Describe the needs of other occupations and how to effectively communicate within a team when installing components for warm and cold roof construction.
		7.6	Describe how to maintain the tools and equipment used when installing components for warm and cold roof construction.

Title:	Installing components for warm and cold roof construction in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	33

Title:	Installing single-lap roof tiles to a fixed gauge in the workplace	
Unit Number:	F/650/9531	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1	Interpret the given information relating to the work and resources when installing single-lap roof tiles to a fixed gauge.	1.1 Interpret and extract relevant information from oral/written working instructions drawings, specifications, method statements, risk assessments and manufacturers' information.
		1.2 Comply with information and/or instructions derived from risk assessments and method statements.
		1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
		1.4 Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings.
2	Know how to comply with relevant legislation and official guidance when installing single-lap roof tiles to a fixed gauge.	2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: <ul style="list-style-type: none"> - in the workplace, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
		2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
		2.3 Explain what the accident reporting procedures are and who is responsible for making reports.
3	Maintain safe and healthy working practices when installing single-lap roof tiles to a fixed gauge.	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 single-lap roof tiles to a fixed gauge.

3	continued	3.2	Demonstrate compliance with given information and relevant legislation when installing single-lap roof tiles to a fixed gauge in relation to the following: <ul style="list-style-type: none"> - safe use of access equipment/working platforms - safe use, storage and handling of materials, tools and equipment - specific risks to health.
		3.3	Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to installing single-lap roof tiles to a fixed gauge, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
		3.6	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
4	Select the required quantity and quality of resources for the methods of work to install single-lap roof tiles to a fixed gauge.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - single-lap fixed gauge tiles, fittings, fixings, ridge and hip tiles, dry fix systems, ventilation systems, proprietary roofing grade mortar, sand, cement and additives. - hand tools, power tools and ancillary equipment.
		4.3	Describe how the resources should be used correctly and how problems associated with the resources are reported.

4	continued	4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.
		4.6	Describe how to calculate quantity, length, area and wastage associated with the method/procedure to install single-lap roof tiles to a fixed gauge.
5	Minimise the risk of damage to the work and surrounding area when installing single-lap roof tiles to a fixed gauge.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with 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 single-lap roof tiles to a fixed gauge.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of work schedules/diaries, progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to install single-lap roof tiles to a fixed gauge to the required specification.	7.1	Demonstrate the following work skills when installing single-lap roof tiles to a fixed gauge: <ul style="list-style-type: none"> - measuring, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing.
		7.2	Use and maintain hand tools, power tools, and ancillary equipment.

<p>7 continued</p>	<p>7.3 Install single-lap fixed gauge roof tiles and related fittings, fixings and components given working instructions, using new and/or reclaimed materials for roofs with the following:</p> <ul style="list-style-type: none"> - general areas - eaves and top course - abutments - openings (roof lights, windows) - dry and/or wet fix verges, ridges, hips and valleys.
	<p>7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - assess suitability of sub-structure - identify and report faults with sub-structure and roof interfaces - determine lap and gauge dimensions - cut and fit tiles, fittings and roofing components to the required size and shape - set out and install tiles and components to eaves and top course, verges, ridge, hips, valleys, openings (roof lights, windows) abutments and general areas - install vents, ridge ventilation and other high level ventilation - mix sand, cement and additives - mix proprietary roofing grade mortar - form dry and/or wet fix finishing details - recognise where reclaimed materials can be used - understand the effects on lap and gauge when using reclaimed imperial sized tiles - understand the uses and limitations of hand-made/crafted clay tiles - recognise when specialist skills and knowledge are required and report accordingly - recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance - use hand tools, power tools and equipment - work at height - use access equipment.

7	continued	7.5	Describe the needs of other occupations and how to effectively communicate within a team when installing single-lap roof tiles to a fixed gauge.
		7.6	Describe how to maintain the tools and equipment used when installing single-lap roof tiles to a fixed gauge.

Title:	Installing single-lap roof tiles to a fixed gauge in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	33

Title:	Installing wood shingle roof coverings in the workplace	
Unit Number:	M/650/9527	
Learning outcomes <i>The learner will be able to:</i>	Assessment criteria <i>The learner can:</i>	
1 Interpret the given information relating to the work and resources when installing wood shingle roof coverings.	1.1	Interpret and extract relevant information from oral/written working instructions drawings, specifications, method statements, risk assessments and manufacturers' information.
	1.2	Comply with information and/or instructions derived from risk assessments and method statements.
	1.3	Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.
	1.4	Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> - oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings.
2 Know how to comply with relevant legislation and official guidance when installing wood shingle roof coverings.	2.1	Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> - in the workplace, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.
	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.
	2.3	Explain what the accident reporting procedures are and who is responsible for making reports.
3 Maintain safe and healthy working practices when installing wood shingle roof coverings.	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 wood shingle roof coverings.

3	continued	3.2	Demonstrate compliance with given information and relevant legislation when installing wood shingle roof coverings in relation to following: <ul style="list-style-type: none"> - safe use of access equipment/working platforms - safe use, storage and handling of materials, tools and equipment - specific risks to health.
		3.3	Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to installing wood shingle roof coverings, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> - collective protective measures - personal protective equipment (PPE) - respiratory protective equipment (RPE) - local exhaust ventilation (LEV).
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities.
		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 wood shingle roof coverings.	4.1	Select resources associated with own work in relation to materials, components, fixings, tools and equipment.
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> - wood shingles, pre-formed hip and ridge units, vents and fixings - hand tools, power tools and ancillary equipment.
		4.3	Describe how the resources should be used correctly, how problems associated with the resources are reported.
		4.4	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.
		4.5	Describe any potential hazards associated with the resources and methods of work.

4	continued	4.6	Describe how to calculate quantity, length, area and wastage associated with the method/procedure to install wood shingle roof coverings.
5	Minimise the risk of damage to the work and surrounding area when installing wood shingle roof coverings.	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.
		5.2	Minimise damage and maintain a clean work space.
		5.3	Dispose of waste in accordance with 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 wood shingle roof coverings.	6.1	Demonstrate completion of the work within the allocated time.
		6.2	Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> - types of work schedules/diaries, progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to install wood shingle roof coverings to the required specification.	7.1	Demonstrate the following work skills when installing wood shingle roof coverings: <ul style="list-style-type: none"> - measuring, setting out, marking out, cutting, fitting, positioning, securing and finishing.
		7.2	Use and maintain hand tools, power tools and ancillary equipment.

7	continued	<p>7.3 Install wood shingles and related fittings, fixings and components to given working instructions, using new materials for roofs with the following:</p> <ul style="list-style-type: none"> - general areas - verges - ridges - hips - valleys - eaves and top course - abutments - openings (roof lights, windows) - vertical surfaces.
		<p>7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - assess suitability of sub-structure - identify and report faults with sub-structure and roof interfaces - cut and fit wooden shingles, fittings and roofing components to the required size and shape - set out and install wood shingles to eaves and top course, verges, ridge, hips, valleys, openings (roof lights, windows), abutments, vertical and general areas - set out and install wood shingle to vertical surfaces including gable ends, openings, penetrations, internal and external corners - install pre-formed ridge/hip units - install vents - recognise when specialist skills and knowledge are required and report accordingly - recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance - use hand tools, power tools and equipment - work at height - use access equipment/working platforms.
		<p>7.5 Describe the needs of other occupations and how to effectively communicate within a team when installing wood shingle roof coverings.</p>
		<p>7.6 Describe how to maintain the tools and equipment used when installing wood shingle roof coverings.</p>

Title:	Installing wood shingle roof coverings in the workplace
Additional information about this unit	
Assessment Guidance	<p>This unit must be assessed in a work environment and in accordance the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment.</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.</p> <p>Workplace evidence of skills cannot be simulated.</p> <p>This unit must be assessed against the endorsements detailed within the relevant NVQ Structure. Please refer to the NVQ Structure applicable to the qualification/occupational area in which the candidate is being assessed.</p>
Sector Subject Areas	5.2 Building and Construction
Availability for use	Shared unit
Unit guided learning hours	40



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