



**GQA LEVEL 3 NVQ DIPLOMA IN ROOFING  
OCCUPATIONS (CONSTRUCTION)**

**Qualification Number  
601/8333/0**

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**Mandatory units pathway 3 - Roof Tiler (106 credits)**


RELIABLE EVIDENCE: The forms of evidence available include ( mark as appropriate)

- |                              |                          |                         |                          |
|------------------------------|--------------------------|-------------------------|--------------------------|
| Observation in the workplace | <input type="checkbox"/> | Assessment of knowledge | <input type="checkbox"/> |
| Records of prior experience  | <input type="checkbox"/> | Witness statement(s)    | <input type="checkbox"/> |
| Testimonial(s)               | <input type="checkbox"/> | Photographic evidence   | <input type="checkbox"/> |
| Work records                 | <input type="checkbox"/> | External testing        | <input type="checkbox"/> |



**COMPETENCE COMPLETION SIGNATURES**

By signing here, the Candidate and Assessor confirm that evidence presented is authentic and that the assessments took place in accordance with the relevant assessment strategy. Details of the assessments and evidence must be recorded in the assessment decision record/summaries at the end of each unit.

	Name and Signature	Date
Candidate		
Lead Assessor		
Internal Verifier		
EQA		

# Introduction to the Qualification

## Who is this Qualification for?

This qualification is aimed at those who are involved in Roofing, more specifically installing roof tiles, slates or both. The qualification is at level 3 although there may be some units at different levels. Level 3 qualifications are primarily aimed at those who are fully trained and experienced in a wide range of installation types including mitred, vertical, roofs with diminishing margins, curved/ swept roofs and installations that involve non routine or complex work. Candidates must also carry out stripping and reclamation of roof coverings. Level 3 candidates are often also involved in decision making, quality checks and work planning.

It is not expected that candidates working in this industry all do the same activities or use the same equipment and machinery so the qualification has been developed to make it as widely available as possible by having 3 distinct pathways. All work completed must be carried out in accordance with Building Regulations and Industry recognised safe working practices, including the disposal of waste.

The qualification is structured to ensure that there is a high degree of flexibility within the pathways and units available and will allow employees from companies of all sizes and specialisms equal opportunity to complete.

The qualification consists of 4 mandatory units (31 credits) and 3 pathways. Candidates must complete all mandatory units and the relevant credits from the selected pathway(s). The total credit value of the Roof Tiler qualification is 137 credits, Roof Slater is 137 credits and the Roof Slater and Tiler is 167 credits.

## What is required from candidates?

The qualification consists of 4 mandatory units (31 credits) and 3 pathways. Candidates must complete all mandatory units and the relevant credits from the selected pathway(s). The total credit value of the Roof Tiler qualification is 137 credits, Roof Slater is 137 credits and the Roof Slater and Tiler is 167 credits.

Unit Ref	Mandatory units	Level	Credit
A/508/0238 C56	Confirming Work Activities and Resources for an Occupational Work Area in the Workplace	3	10
K/507/9537 C1	Developing and Maintaining Good Occupational Working Relationships in the Workplace	5	8
F/508/0239 C57	Confirming the Occupational Method of Work in the Workplace	3	11
A/507/9560 C22	Conforming to General Health, Safety and Welfare in the Workplace	1	2
<b>Mandatory units pathway 1-Roof Slater (106 credits)</b>			
D/508/0247 C51a	Installing underlay, battens and roofing components in the workplace	2	11
H/508/0248 C52a	Installing pre-formed weathering flashings to roofs in the workplace	2	10
K/508/0249 C59a	Installing double-lap artificial roof slates in the workplace	2	10
D/508/0250 C60a	Installing natural roof slate to mitred and vertical roof details in the workplace	3	30
H/508/0251 C61a	Installing random natural roof slates with diminishing margins in the workplace	3	30
Y/508/0246 C62a	Stripping and reclaiming roof coverings in the workplace	2	15
<b>Mandatory units pathway 2-Roof Slater and Tiler (136 credits)</b>			
D/508/0247 C51a	Installing underlay, battens and roofing components in the workplace	2	11
Y/508/0246 C62a	Stripping and reclaiming roof coverings in the workplace	2	15

H/508/0248	Installing pre-formed weathering flashings to roofs in the workplace	2	10
C52a			
M/508/0253	Installing single-lap roof tiles to a variable gauge in the workplace	2	13
C53a			
K/508/0252	Installing plain Tile roof coverings in the workplace	2	17
C54a			
K/508/0249	Installing double-lap artificial roof slates in the workplace	2	10
C59a			
D/508/0250	Installing natural roof slate to mitred and vertical roof details in the workplace	3	30
C60a			
H/508/0251	Installing random natural roof slates with diminishing margins in the workplace	3	30
C61a			
<b>Mandatory units pathway 3-Roof Tiler (106 credits)</b>			
D/508/0247	Installing underlay, battens and roofing components in the workplace	2	11
C51a			
H/508/0248	Installing pre-formed weathering flashings to roofs in the workplace	2	10
C52a			
Y/508/0246	Stripping and reclaiming roof coverings in the workplace	2	15
C62a			
R/508/0245	Installing single-lap roof tiles to a fixed gauge	2	10
C63			
T/508/0254	Installing double-lap roof tiles to curved and swept roof details in the workplace	3	30
C64			
J/508/0257	Installing single and double lap roof tiles to mitred and vertical roof details in the workplace	3	30
C65			

### Assessment guidance

Evidence should show that you can complete all of the learning outcomes for each unit being taken.

### Types of evidence:

Evidence of performance and knowledge is required. Evidence of performance should be demonstrated by activities and outcomes, and should be generated in the workplace only, unless indicated under potential sources of evidence (see below). Evidence of knowledge can be demonstrated through performance or by responding to questions.

### Quantity of evidence:

Evidence should show that you can meet the requirements of the units in a way that demonstrates that the standards can be achieved consistently over an appropriate period of time.

### Potential sources of evidence:

The main source of evidence for each unit will be observation of the candidate's performance and knowledge demonstrated during the completion of the unit. This can be supplemented by the following types of physical or documentary evidence:

- Accident book/reporting systems
- Safety records
- Training records
- Audio records
- Job specifications and documentation
- Delivery Records
- Witness testimonies
- Correspondence with customers
- Notes and memos
- Photo/video evidence
- Work diaries
- Timesheets
- Telephone Logs
- Meeting records
- Records of toolbox talks
- Equipment
- Prepared materials and sites
- Completed work

**Please note that photocopied or downloaded documents such as manufacturers' or industry guidance, H&S policies, Risk Assessments etc, are not normally acceptable evidence for GQA qualifications unless accompanied by a record of a professional discussion or Assessor statement confirming candidate knowledge of the subject. If you are in any doubt about the validity of evidence, please contact your GQA EQA.**

# **GQA Qualification Implementation Requirements covering Centre Approval, Candidate Assessment and ongoing Quality Assurance**

This document indicates the requirements of Approved Centres delivering GQA qualifications and / or units of credit.

## **1. Equality of Opportunity**

Equality of access to fair and valid assessment is necessary for all candidates undergoing assessment. This may mean making reasonable adjustments to normal assessment methods for candidates with particular or special assessment requirements. Candidates work patterns should not become a barrier to assessment, the organisation of which may have to be flexible. In the same way, reasonable adjustment arrangements may be necessary for candidates with a disability. For example, a candidate who is unable, through disability, to produce oral or written evidence, may be allowed to use the method they normally use as a substitute for the required form of communication. Reasonable adjustments need to be approved by GQA.

## **2. Recognised/Approved Assessment Centres**

2.1 Individual centres must be approved by GQA to offer specific qualifications and / or units of credit. A centre may be a single organisation or a partnership of two or more organisations. It may operate at a single location or have satellites. For further details see the GQA booklet "Guide to Centre Approval". The Centre Approval process is carried out by a GQA approved EQA. Each Centre must maintain a centre file. It is important to be clear what the steps in the assessment process are:

- plan evidence collection and opportunities for assessment
- collect evidence
- judge evidence
- determine whether sufficient evidence has been presented
- make an assessment decision and give feedback to the candidate

**NB Any deviation from the norm must be approved by a GQA EQA**

## **2.2 Assessors and Verifiers**

All Assessors of candidate performance must be competent, to make qualitative judgements, both in the skills they are assessing and in the assessment of candidates and hold the appropriate Assessor national award. Assessor occupational knowledge related to the qualifications being assessed is essential and must be illustrated to GQA prior to approval.

Internal Verifiers are responsible for the quality assurance of the assessment process within a centre. They should have a relevant occupational background, be competent in internal verification and hold the Internal Verifier national award. It is recommended that Internal Verifiers work towards national recognition of assessor competence.

EQAs are responsible for ensuring accurate and consistent standards of assessment across centres, qualifications, units of credit and over time. They should have a relevant occupational background, be competent in external verification and hold the EQA national award

GQA will approve and licence all individuals involved in the assessment and verification of its approved qualifications and / or units of credit. Individuals who are working towards the Assessor or Internal Verifier national awards can only be provisionally licensed. The judgement of provisional licence holders will need to be agreed/authorised by a fully qualified and GQA licensed individual who cannot carry out a dual role in relation to a specific candidate.

All GQA Assessors and Verifiers must undertake a minimum of 2 significant CPD activities in both occupational areas and assessment and verification. Reflective CPD records must be maintained and made available to GQA EV's for review.

## **2.3 Centre Approval, Monitoring Reviews and Quality Assurance**

The centre recognition/approval process is the start of a significant part of the awarding body's quality assurance system. The Approval process will begin with an EQA review of centre procedures to ascertain the potential centres ability to deliver GQA qualifications and / or units of credit. Centres will be expected to meet the relevant regulatory authority criteria for delivery of qualifications prior to initial approval; continued compliance with the criteria will be monitored through regular EQA visits. It is recommended that centre reviews are conducted at minimum every six months by a GQA EQA.

New or multi-site centres may be required to undertake quarterly or more frequent EV reviews to ensure that different locations can be seen to satisfy the national requirements.

GQA will ensure that unacceptable barriers relating to the assessment and internal verification of candidates in small companies do not deny recognition of competence to competent young workers. In such circumstances, GQA will demonstrate that its quality assurance procedures remain sufficient and rigorous to ensure that the competence outcomes have standing and credibility in the occupational area.

Enhanced quality procedures to ensure consistency of assessment and verification will be necessary and will include:

- a high level of sampling of assessment decisions N.B. In some instances the EQA may visit each assessment location and qualification / unit of credit candidate (e.g. single candidates dispersed throughout different small companies on government funded programmes)
- an in-depth scrutiny of assessment plans, materials and records
- specific centre guidance aimed at the successful implementation of qualifications and / or units of credit in SMEs via approved centre partnerships. This can include guidance on the quantity and quality of valid, authentic, and transferable evidence expected to be attributed to individual candidates
- ensuring centres are following the requirements prescribed in any appropriate assessment strategies and applicable codes of practice
- the identification and publication of good practice in centres

As part of the Quality Assurance process Proskills require an Enhanced External Verification process. This will be in the form of 1 significant underpinning knowledge question answered by the candidate for each unit of the qualification. The questions will be decided by GQA, and guideline answers must be submitted for approval and once approved kept in the Centre File to allow independent assessment

### **3. Qualification / Unit of Credit Candidates**

All candidates must register with a GQA recognised/approved centre. The centre must maintain appropriate candidate personal details for external audit purposes etc.

The centre will provide candidates with advice and guidance on how to prepare for assessment and allocate an Assessor who will assess candidate ability to meet the requirements of the relevant qualifications / unit of credit. It is the candidate's responsibility to demonstrate competence and to do this they must:

- prove they can consistently meet all the qualification and / or unit of credit criteria
- provide evidence from work, that they can perform competently in all the contexts specified in the qualification / unit of credit requirements
- prove that they have the knowledge and understanding required to perform competently, even where they have not provided evidence from the workplace

It is therefore critical that quality evidence is provided in a format to allow the Assessor to make a decision and for the Internal Verifier to audit/verify his/her decision.

### **4. Evidence**

A qualification and / or credit is awarded when a person has achieved the necessary outcomes of the qualification and / or unit of credit.

The specific combination of units necessary to achieve a qualification is detailed in the qualification structure. Certificates of Unit Credit can be awarded when candidates achieve any one, or more, units from the qualification.

The evidence the candidate brings forward is primarily evidence of performance of what he/she can do, not just what he/she knows. The assessment criteria / qualification requirements are described within the qualification and / or unit of credit itself and can incorporate practical skills and knowledge.

The assessor's role is to judge each relevant item of evidence. Each must be judged against the qualification and / or unit of credit requirements. It is not sensible to collect evidence against individual criteria. Nor is it effective. If items of evidence were collected for each of the criteria, the candidate may have to produce many items of evidence, well above the number actually required. GQA recommend holistic assessment.

When judging each item of evidence, the assessor is deciding whether the evidence:

- is authentic – i.e. actually produced by the candidate
- meets the criteria
- relates as appropriate to a context defined within the qualification and / or unit of credit
- confirms that the candidate has the required underpinning knowledge

When the assessor makes a decision about the candidate's competence, he or she examines all the evidence available to determine:

- if the evidence, as a whole, covers all the evidence of achievement
- whether the evidence indicates consistency in competent performance
- whether there is enough evidence on which to base an inference of competence

The answer can only be:

- yes (the candidate is competent)
- no (the candidate is not yet competent)
- there is insufficient evidence to make a decision

Consistency means that the individual is likely to achieve the standard in their work role, in the different activities defined in the qualification and / or unit of credit over time and range of work. The assessor must judge how long a time period is enough to be confident that the candidate can perform reliably to the standard. Unsupported evidence i.e. based on a single assessment/visit will not normally prove consistency.

### **Performance evidence**

Performance evidence can be what the individual actually produces, or the way the individual achieves the standard. One is called product evidence and the other process evidence.

Product evidence is tangible – you can look at it and feel it. Products can be inspected and the candidate can be asked questions about them.

In order to make a fair and objective assessment, the assessor must be able to answer the question: Is there sufficient evidence that the candidate can consistently meet the requirements of the qualification and / or unit of credit?

Process evidence describes the way the candidate has achieved an outcome – how they went about it. This may be, for example, the way the quality of products is checked or the way customer complaints are handled. This usually means observing the candidate in action.

Performance evidence may cover a number of outcomes. It makes sense to plan evidence collection so that what the candidate does, in the normal course of their job, can be related to different outcomes and units. The activities that clearly link to the qualification and / or unit of credit requirements are the things to concentrate on when planning evidence collection and assessment and when monitoring the candidate's progress. Look for opportunities in the candidate's job when evidence can be collected against a number of units at the same time.

Performance evidence can be:

- Naturally occurring – evidence produced in the normal course of work. Evidence of this sort is usually of high quality and reliable. It is also cost effective to collect naturally occurring evidence
- Taken from previous achievements – the candidate may be able to bring forward evidence from previous work experience to show that they are still competent to the standard.
- Evidence of prior achievement can be used when it can be shown to support a judgment that the candidate can still achieve the standard. So, the assessor must be satisfied that the evidence of prior achievement is sufficiently reliable to justify saying that the candidate is currently competent.
- Simulated – from circumstances specially designed to enable the candidate's performance to be assessed. Simulation is generally not acceptable. The exceptions to this are:

- o Dealing with emergencies
- o Dealing with accidents
- o Certain pre-approved real time simulators
- o Limited other procedures that cannot be practically performed in the workplace, and for which sufficient evidence can be collected through other means.

**NB: It is not always possible or feasible to collect naturally occurring evidence. It is likely that some simulation may be needed, when it may take too long to wait for the evidence to arise e.g. it may be an aspect of performance which occurs infrequently. An example of this may be evidence of how to deal with emergencies i.e. it makes sense to look for evidence from sources other than naturally occurring ones, rather than for, say, waiting for the building to burn down. Centres must obtain GQA EQA approval prior to the use of simulation.**

### **Knowledge evidence**

Being able to achieve a standard requires the ability to put knowledge to work. The qualification and / or unit of credit indicates the knowledge each person should use if they are to perform competently.

It should not be necessary to test all of the candidate's knowledge separately; however, any exception to this would be detailed in the relevant Assessment Strategy. Performance evidence could show that the candidate knows what he or she is doing. When this is not the case, or if the assessor is not convinced from the performance evidence, it may be necessary to check the individual's knowledge separately.

Oral or written assessments must clearly provide a suitable means of checking the breadth and depth of an individual's knowledge. Assessors will need to judge the best mix of knowledge evidence according to individual circumstances. Knowledge evidence is useful when deciding the quality of performance evidence, but must not be used in isolation to judge competence or as an alternative to performance evidence. Care must be taken that candidate evidence is auditable and verifiable.

**NB: These Qualification implementation guidelines are generic across the full range of GQA qualifications. Further guidance on acceptable evidence on each qualification will be found in the Introduction to the Qualification section of the candidate booklet**

# Collation of Evidence for Level 3 Qualifications

The definition of a Level 3 NVQ/SVQ is that competence in a broad range of varied work activities is performed in a wide variety of contexts, most of which are complex and non-routine. There is considerable responsibility and autonomy, and control or guidance of others is often required.

By the very nature of this, it is anticipated that Level 3 candidates will be able to provide evidence of their achievement drawn from successful work activities or projects, in other words, real examples of their work over time and range. All evidence should be dated, signed and authenticated/authorised by a recognised responsible person.

The following comments will help in the planning of evidence collection for Level 3 qualifications:

- Level 3 assessments are not normally carried out by the use of checklists
- Level 3 candidates are encouraged to provide evidence of their achievements drawn from their actual current work activities
- In many cases, evidence of achievement is not difficult to find
- Level 3 candidates should produce a CV that clearly indicates their relevant experience and achievement that contribute to the qualification
- A collation of evidence in the form of a Level 3 portfolio may be used to demonstrate competence against the standard
- The evidence must be cross referenced against the NVQ/SVQ standard (and where necessary justified)
- It may be appropriate for Level 3 candidates to undertake the related Level 2 qualification or some Level 2 units as a milestone/interim qualification
- Level 3 qualifications may include units of competence from Level 2 qualifications. If the candidate has already achieved any unit(s) and is regarded as currently competent then he/she will not be required to be reassessed on the same unit(s)
- Assessors will need to carry out performance and knowledge assessments for units/elements/pcs etc but the need for ongoing formal observations should not be as great if the candidate has produced a quality portfolio.

Some aspects of evidence may be subjected to independent assessment or enhanced external verification to satisfy the requirements of the standards setting body's assessment strategy

# Candidate Declaration

Candidate Name.....

Centre/Company Name.....

Assessor(s) Name(s).....

I acknowledge receipt of this copy of GQA qualification booklet. The unit structure provides information on which units must be achieved to be awarded the qualification. The individual units detail in the necessary requirements etc that I must achieve.

I understand that I will have an important role in preparing for and planning assessments and with guidance from the Assessor I will Collect and record relevant evidence.

I have been informed of the appeals system, should I want to appeal against any part of the assessment process.

I understand the assessments will be carried out with regard to the company's/centre's Equal Opportunities Policy.

Candidate signature.....

Date.....



K/507/9537	<b>Developing and Maintaining Good Occupational Working Relationships in the Workplace</b>	<b>Level 5</b>	<b>8 Credits</b>
<b>C1</b>			

The aim of this unit is to ensure that the candidate has the skills and knowledge required to develop and maintain effective working relationships in communicating information on proposed work activities with colleagues, employers, customers, contractors, suppliers and others involved in, or affected by, the work activities. Candidates will be required to provide the appropriate level and amount of information and provide clarification and advice where it is required. Candidates must be able to discuss alternatives and options and resolve any differences of opinion in ways that minimise offence and maintain goodwill, trust and respect.

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
1 Develop, maintain and encourage working relationships to promote good will and trust.	1.1 Give appropriate advice and information to relevant people about the occupational work activities and/or associated occupations involved			
	1.2 Apply the principles of equality and diversity by considering the needs of individuals when working and communicating with others.			
	1.3 Explain the methods and techniques used and personal attributes required to encourage and maintain working relationships that promote goodwill and trust with relevant people			
	1.4 Explain the principles of equality and diversity and how to apply them when working and communicating with others			
2 Inform relevant people about work activities in an appropriate level of detail, with the appropriate level of urgency.	2.1 Communicate on the following work activity information to relevant people following organisational procedures: <ul style="list-style-type: none"> <li>• appropriate timescales</li> <li>• health and safety requirements</li> <li>• coordination of work procedures</li> </ul>			
	2.2 Explain the different methods and techniques used to inform relevant people about work activities.			
	2.3 Explain the effects of not informing relevant people with the expected level of urgency.			
	2.4 Explain the different types of work activity related information and to what level of detail the following people would expect to receive: <ul style="list-style-type: none"> <li>• colleagues</li> <li>• employers</li> <li>• customers</li> <li>• contractors</li> <li>• suppliers of products and services</li> <li>• other people affected by the work/project</li> </ul>			
3 Offer advice and help to relevant people about work activities and encourage questions/requests for clarification and comments	3.1 Give appropriate advice and information to relevant people about the different methods of carrying out occupational work activities to achieve the required outcome.			
	3.2 Explain the techniques of encouraging questions and/or requests for clarification and comments			
	3.3 Explain the different ways of offering advice and help to different people about work activities, in relation to: <ul style="list-style-type: none"> <li>• progress</li> <li>• results</li> <li>• achievement</li> <li>• occupational problems</li> <li>• occupational opportunities</li> <li>• health and safety requirements</li> <li>• coordinated work</li> </ul>			

K/507/9537	Developing and Maintaining Good Occupational Working Relationships in the Workplace (continued)	Level 5	8 Credits
C1			

4 Clarify proposals with relevant people and discuss alternative suggestions	4.1 Engage regular discussions with relevant people about the occupational work activity and/or other occupations involved.			
	4.2 Explain the methods of clarifying alternative proposals with relevant people			
	4.3 Explain the methods of suggesting alternative proposals			
5 Resolve differences of opinion in ways that minimise offence and maintain goodwill, trust and respect.	5.1 Examine and agree the work activities that satisfy all people involved and will meet the required outcome of the proposed method of work.			
	5.2 Explain the methods and techniques used to resolve differences of opinion in ways which minimise offence and maintain goodwill, trust and respect			

**Assessor comments/feedback**

<b>A/507/9560</b>	<b>Conforming to General Health, Safety and Welfare in the</b>	<b>Level 1</b>	<b>2 Credits</b>
<b>C22</b>	<b>Workplace</b>		

The aim of this unit is to ensure that the candidate has the skills and knowledge required to work safely in the construction industry, in accordance with organisation guidance, legislation and statutory requirements. Candidates must understand safety and warning notices, potential hazards, risk assessments, health risks and the recording and reporting of all health and safety related matters. Knowledge of protective and health and safety control equipment, accident and emergency procedures including evacuation and types of fire extinguishers are also required. This knowledge must cover the safety of the general public as well as site personnel and resources. All work carried out must also comply with legislation that covers the disposal of waste or consumable items.

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
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"> <li>• collective protective measures</li> <li>• personal protective equipment (PPE)</li> <li>• respiratory protective equipment (RPE)</li> <li>• local exhaust ventilation (LEV)</li> </ul>			
	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			

<b>A/507/9560</b>	<b>Conforming to General Health, Safety and Welfare in the Workplace (continued)</b>	<b>Level 1</b>	<b>2 Credits</b>
<b>C22</b>			

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"> <li>dealing with accidents and emergencies associated with the work and environment</li> <li>methods of receiving or sourcing information</li> <li>reporting</li> <li>stopping work</li> <li>evacuation</li> <li>fire risks and safe exit procedures</li> <li>consultation and feedback</li> </ul>			
	3.7 State the appropriate types of fire extinguishers relevant to the work			
	3.8 State how and when the different types of fire extinguishers are used in accordance with legislation and official guidance			
4 Work responsibly to contribute to workplace health, safety and welfare whilst carrying out work in the relevant occupational area.	4.1 Demonstrate behaviour which shows personal responsibility for general workplace health, safety and welfare			
	4.2 State how personal behaviour demonstrates responsibility for general workplace health, safety and welfare, in relation to: <ul style="list-style-type: none"> <li>recognising when to stop work in the face of serious and imminent danger to self and/or others</li> <li>contributing to discussions and providing feedback</li> <li>reporting changed circumstances and incidents in the workplace</li> <li>complying with the environmental requirements of the workplace</li> </ul>			
	4.3 Give examples of how the behaviour and actions of individuals could affect others within the workplace			
5 Comply with and support all organisational security arrangements and approved procedures.	5.1 Provide appropriate support for security arrangements in accordance with approved procedures: <ul style="list-style-type: none"> <li>during the working day</li> <li>on completion of the day's work</li> <li>for unauthorised personnel (other operatives and the general public)</li> <li>for theft</li> </ul>			
	5.2 State how security arrangements are implemented in relation to the workplace, the general public, site personnel and resources			

**Assessor comments/feedback**

<b>A/508/0238</b>	<b>Confirming Work Activities and Resources for an Occupational Work Area in the Workplace</b>	<b>Level 3</b>	<b>10 Credits</b>
<b>C56</b>			

The aim of this unit is to ensure that the candidate has the skills and knowledge required to understand and plan work activities to complete the work programme, including how to identify and obtain the necessary resources. Candidates must also understand the factors that can affect progress and the sequence of work carried out, understand the impact of changes to work schedules and why and how to inform relevant people of required changes. Candidates must also have an understanding of how work activities can make a positive contribution to the environment, including knowledge of low and zero carbon requirements.

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
1 Identify work activities, assess required resources and plan the sequence of work.	1.1 Identify work activities, assess required resources and plan the sequence of work			
	1.2 Identify work activities and formulate a plan for their own sequence of work			
	1.3 Explain the types of work relative to the occupational area and how to identify different work activities			
	1.4 Explain methods of assessing the resources needed from a range of available information			
	1.5 Explain the required information and the different methods used to prepare a work programme relative to the occupational area.			
2 Obtain clarification and advice where the resources required are not available	2.1 Seek advice and clarity from appropriate sources on resources available and the alternatives that can be used for the work when required resources are not available			
	2.2 Explain the different sources and methods that can be used to obtain clarification and advice when the required resources are not available.			
3 Evaluate the work activities and the requirements of any significant external factors against the project requirements	3.1 Assess progress of work against project requirements, taking into account external factors relating to: <ul style="list-style-type: none"> <li>• other occupations and/or customers</li> <li>• resources</li> <li>• weather conditions</li> <li>• health and safety requirements</li> </ul>			
	3.2 Explain different methods of evaluating work activities against the following project requirements: <ul style="list-style-type: none"> <li>• contract conditions</li> <li>• contract programme</li> <li>• health and safety requirements of operatives</li> </ul>			
	3.3 Evaluate the requirements of significant external factors that could affect the progress of work, in relation to: <ul style="list-style-type: none"> <li>• other related programmes</li> <li>• special working conditions</li> <li>• weather conditions</li> <li>• other occupations/people</li> <li>• resources</li> <li>• health and safety requirements</li> </ul>			

**Assessor comments/feedback**

<b>A/508/0238</b>	<b>Confirming Work Activities and Resources for an Occupational Work Area in the Workplace (continued)</b>	<b>Level 3</b>	<b>10 Credits</b>
<b>C56</b>			

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

**Assessor comments/feedback**

<b>F/508/0239</b>	<b>Confirming the Occupational Method of Work in the</b>	<b>Level 3</b>	<b>11 Credits</b>
<b>C57</b>	<b>Workplace</b>		

The aim of this unit is to provide the learner with the knowledge and skills to interpret information from project data to evaluate and confirm work methods that will meet the project requirements, be cost effective and comply with statutory and contractual requirements and taking into account environmental issues. Candidates must be able to communicate recommended methods to all relevant persons.

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
1. Assess available project data accurately to determine the occupational method of work.	1.1 Interpret and extract information from drawings, specifications, schedules, manufacturer's information, methods of work, risk assessments and programmes of work			
	1.2 Explain how to summarise the following project data: <ul style="list-style-type: none"> <li>• required quantities</li> <li>• specifications</li> <li>• detailed drawings</li> <li>• health and safety requirements</li> <li>• timescales</li> <li>• scope of works</li> </ul>			
	1.3 Explain the different methods of assessing available project data.			
	1.4 Explain how to use project data to interpret the work method, In relation to: <ul style="list-style-type: none"> <li>• sequence of work</li> <li>• organisation of resources (people, equipment, materials)</li> <li>• work techniques</li> <li>• working conditions (health, safety and welfare)</li> <li>• risk assessment</li> </ul>			
2 Obtain additional information from alternative sources in cases where the available project data is insufficient	2.1 Collect and collate additional information from alternative sources to clarify the work to be carried out.			
	2.2 Explain different methods and techniques of obtaining additional information from the following alternative sources when available project data is insufficient: <ul style="list-style-type: none"> <li>• customers or representatives</li> <li>• suppliers</li> <li>• regulatory authorities</li> <li>• manufacturer's literature</li> </ul>			

***Assessor comments/feedback***

<b>F/508/0239</b>	<b>Confirming the Occupational Method of Work in the Workplace (Continued)</b>	<b>Level 3</b>	<b>11 Credits</b>
<b>C57</b>			

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

***Assessor comments/feedback***

<b>D/508/0247</b>	<b>Installing underlay, battens and roofing components in the workplace</b>	<b>Level 2</b>	<b>11 Credits</b>
<b>C51a</b>			

The aim of this unit is to illustrate the skills, knowledge and understanding required when installing underlay, battens and roofing components in the workplace. The unit includes the need to demonstrate competence in measuring, cutting, marking out, positioning and fixing materials and components safely and effectively.

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
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 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"> <li>drawings, specifications, schedules, manufacturers' information, regulations governing buildings, oral/written procedures for dealing with damaged or incorrect materials and/or resources and site induction.</li> </ul>			
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 and health hazards whilst working: <ul style="list-style-type: none"> <li>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</li> </ul>			
	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			

***Assessor comments/feedback***

<b>D/508/0247</b>	<b>Installing underlay, battens and roofing components in the workplace (continued)</b>	<b>Level 2</b>	<b>11 Credits</b>		
<b>C51a</b>					

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"> <li>• safe use of access equipment/working platforms</li> <li>• safe use, storage and handling of materials, tools and equipment</li> <li>• specific risks to health</li> </ul>			
	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"> <li>• collective protective measures</li> <li>• personal protective equipment (PPE)</li> <li>• respiratory protective equipment (RPE)</li> <li>• local exhaust ventilation (LEV)</li> </ul>			
	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"> <li>• underlay, battens, counter-battens, undercloak, verge clips, eave ventilation systems and hip irons</li> <li>• hand and/or powered tools and equipment</li> </ul>				
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				

**Assessor comments/feedback**

<b>D/508/0247</b>	<b>Installing underlay, battens and roofing components in the workplace (continued)</b>	<b>Level 2</b>	<b>11 Credits</b>		
<b>C51a</b>					

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 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 current legislation			
	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"> <li>• types of progress charts, timetables and estimated times</li> <li>• organisational procedures for reporting circumstances which will affect the work programme</li> </ul>			

**Assessor comments/feedback**

D/508/0247	Installing underlay, battens and roofing components in the workplace (continued)	Level 2	11 Credits
C51a			

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:– 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: –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: –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 –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.			

**Assessor comments/feedback**

<b>D/508/0250</b>	<b>Installing natural roof slate to mitred and vertical roof details in the workplace</b>	<b>Level 3</b>	<b>30 Credits</b>
<b>C60a</b>			

The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in installing 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: general areas, mitred hips, mitred valleys, eaves and top course, abutments, dry and/or wet fix verges, ridges, hips and valleys, or openings (roof lights, windows).

This includes demonstrating competence in measuring, setting out, marking out, grading, holing, cutting, fitting, mixing, positioning, securing and finishing activities

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
1 Interpret the given information relating to the work and resources when installing natural roof slate to mitred and vertical roof details.	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"> <li>oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings</li> </ul>			
2 Know how to comply with relevant legislation and official guidance when installing natural roof slate to mitred and vertical roof details.	2.1 Describe their responsibilities regarding potential accidents and health hazards whilst working: <ul style="list-style-type: none"> <li>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</li> </ul>			
	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			

**Assessor comments/feedback**

<b>D/508/0250</b>	<b>Installing natural roof slate to mitred and vertical roof details in the workplace (continued)</b>	<b>Level 3</b>	<b>30 Credits</b>
<b>C60a</b>			

3 Maintain safe and healthy working practices when natural roof slate to mitred and vertical roof details.	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 natural roof slate to mitred and vertical roof details.			
	3.2 Demonstrate compliance with given information and relevant legislation when installing natural roof slate to mitred and vertical roof details in relation to the following: <ul style="list-style-type: none"> <li>safe use of access equipment/working platforms</li> <li>safe use, storage and handling of materials, tools and equipment</li> <li>specific risks to health</li> </ul>			
	3.3 Explain why and when health and safety control equipment, identified by the principles of prevention should be used, relating to installing natural roof slate to mitred and vertical 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"> <li>collective protective measures</li> <li>personal protective equipment (PPE)</li> <li>respiratory protective equipment (RPE)</li> <li>local exhaust ventilation (LEV)</li> </ul>			
	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 natural roof slate to mitred and vertical 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"> <li>natural slates, fixings, soakers, ridge and hip tiles, dry fix systems, ventilation systems, proprietary roofing grade mortar, sand, cement and additives</li> <li>hand and/or powered tools and equipment</li> </ul>			
	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 natural roof slate to mitred and vertical roof details			

<b>D/508/0250</b>	<b>Installing natural roof slate to mitred and vertical roof details in the workplace (continued)</b>	<b>Level 3</b>	<b>30 Credits</b>
<b>C60a</b>			

5 Minimise the risk of damage to the work and surrounding area when installing natural roof slate to mitred and vertical 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 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 current legislation			
	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 natural roof slate to mitred and vertical 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"> <li>types of progress charts, timetables and estimated times</li> <li>organisational procedures for reporting circumstances which will affect the work programme</li> </ul>			

**Assessor comments/feedback**

<b>D/508/0250</b>	<b>Installing natural roof slate to mitred and vertical roof details in the workplace (continued)</b>	<b>Level 3</b>	<b>30 Credits</b>
<b>C60a</b>			

7 Comply with the given contract information to install natural roof slate to mitred and vertical roof details to the required specification.	7.1 Demonstrate the following work skills when installing natural roof slate to mitred and vertical roof details: <ul style="list-style-type: none"> <li>measuring, setting out, marking out, grading, holing, cutting, fitting, mixing, positioning, securing and finishing.</li> </ul>			
	7.2 Use and maintain hand tools, power tools and ancillary equipment.			
	7.3 Install 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: <ul style="list-style-type: none"> <li>general areas</li> <li>mitred hips</li> <li>mitred valleys</li> <li>vertical surfaces</li> <li>eaves and top course</li> <li>abutments</li> <li>dry and/or wet fix verges, ridges, hips and valleys</li> <li>openings (roof lights, windows)</li> </ul>			
	7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> <li>assess suitability of sub-structure</li> <li>identify and report faults with sub-structure and roof interfaces</li> <li>determine lap and gauge dimensions</li> <li>cut and fit slates, fittings and roofing components to the required size and shape</li> <li>install undereaves, eaves and top course</li> <li>set out and install slates and components to eaves and top course, verges, ridge, hips, valleys, openings (roof lights, windows), abutments, and general areas</li> <li>form mitred hips and mitred valleys, including measuring, cutting and fitting of soakers</li> <li>install vents, ridge ventilation and other high level ventilation</li> <li>mix proprietary roofing grade mortar</li> <li>recognise where reclaimed materials can be used</li> <li>work at height</li> <li>use access equipment/working platforms</li> </ul>			
	7.5 Describe the needs of other occupations and how to effectively communicate within a team when installing regular sized natural roof slate to mitred and vertical advanced roof details			
	7.6 Describe how to maintain the tools and equipment used when installing natural roof slate to mitred and vertical roof details.			

**Assessor comments/feedback**

<b>H/508/0248</b>	<b>Installing pre-formed weathering flashings to roofs in the workplace</b>	<b>Level 2</b>	<b>10 Credits</b>
<b>C52a</b>			

The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in installing pre-formed lead and/or proprietary flashings to single and double-lap roof coverings, to given working instructions, relating to the following: chimneys, abutments, soil and/or vent pipes ,junction saddles, valleys and openings (roof lights, windows) The unit includes the need to demonstrate competence in cutting, fitting, positioning, securing, dressing, pointing and finishing materials and components safely and effectively.

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
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 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"> <li>oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings</li> </ul>			
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 and health hazards whilst working: <ul style="list-style-type: none"> <li>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</li> </ul>			
	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			

***Assessor comments/feedback***

<b>H/508/0248</b>	<b>Installing pre-formed weathering flashings to roofs in the workplace (continued)</b>	<b>Level 2</b>	<b>10 Credits</b>
<b>C52a</b>			

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"> <li>safe use of access equipment/working platforms</li> <li>safe use, storage and handling of materials, tools and equipment</li> <li>specific risks to health</li> </ul>			
	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"> <li>collective protective measures</li> <li>personal protective equipment (PPE)</li> <li>respiratory protective equipment (RPE)</li> <li>local exhaust ventilation (LEV)</li> </ul>			
	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"> <li>pre-formed lead flashings, proprietary flashings, soakers, patination fluids, pointing materials</li> <li>hand and/or powered tools and equipment</li> </ul>			
	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 and length associated with the method/procedure to install weathering flashings to roofs.			

**Assessor comments/feedback**

<b>H/508/0248</b>	<b>Installing pre-formed weathering flashings to roofs in the workplace (continued)</b>	<b>Level 2</b>	<b>10 Credits</b>		
<b>C52a</b>					

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 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 current legislation			
	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"> <li>• types of progress charts, timetables and estimated times</li> <li>• organisational procedures for reporting circumstances which will affect the work programme</li> </ul>			

**Assessor comments/feedback**

<b>H/508/0248</b>	<b>Installing pre-formed weathering flashings to roofs in the workplace (continued)</b>	<b>Level 2</b>	<b>10 Credits</b>
<b>C52a</b>			

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"> <li>cutting, fitting, positioning, securing, dressing, pointing and finishing</li> </ul>			
	7.2 Use and maintain hand tools, power tools and ancillary equipment.			
	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: <ul style="list-style-type: none"> <li>chimneys</li> <li>abutments</li> <li>soil and/or vent pipes</li> <li>junction saddles</li> <li>valleys</li> <li>openings (roof lights, windows)</li> </ul>			
	7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> <li>cut, fit and place lead soakers</li> <li>install pre-formed step flashings</li> <li>install valley liners and saddles</li> <li>install pre-formed lead aprons, back gutters and pipe flashings</li> <li>install flashings to openings</li> <li>dress flashings</li> <li>work with lead and other hazardous materials</li> <li>install proprietary flashings and weatherings</li> <li>use hand tools and equipment</li> <li>work at height</li> <li>use access equipment</li> </ul>			
	7.5 Describe the needs of other occupations and how to effectively communicate within a team when installing pre-formed weathering flashings to roofs.			
	7.6 Describe how to maintain the tools and equipment used when installing pre-formed weathering flashings to roofs.			

**Assessor comments/feedback**

<b>H/508/0251</b>	<b>Installing random natural roof slates with diminishing margins in the workplace</b>	<b>Level 3</b>	<b>30 Credits</b>
<b>C61a</b>			

The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in installing random sized (length and width) natural roof slates (centre- and/or head-nailed) 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: general areas, eaves and top course, abutments, dry and/or wet fix verges, ridges, hips and valleys, or openings (roof lights, windows). This includes demonstrating competence in measuring, grading, sizing and holing, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing activities

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
1 Interpret the given information relating to the work and resources when installing random natural roof slates with diminishing margins.	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"> <li>oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings</li> </ul>			
2 Know how to comply with relevant legislation and official guidance when installing random natural roof slates with diminishing margins.	2.1 Describe their responsibilities regarding potential accidents and health hazards whilst working: <ul style="list-style-type: none"> <li>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</li> </ul>			
	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			

**Assessor comments/feedback**

H/508/0251	Installing random natural roof slates with diminishing margins in the workplace (continued)	Level 3	30 Credits
C61a			

3 Maintain safe and healthy working practices when installing random natural roof slates with diminishing margins.	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 random natural roof slates with diminishing margins.			
	3.2 Demonstrate compliance with given information and relevant legislation when installing random natural roof slates with diminishing margins in relation to the following: <ul style="list-style-type: none"> <li>safe use of access equipment/working platforms</li> <li>safe use, storage and handling of materials, tools and equipment</li> <li>specific risks to health</li> </ul>			
	3.3 Explain why and when health and safety control equipment, identified by the principles of prevention should be used, relating to installing random natural roof slates with diminishing margins, 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"> <li>collective protective measures</li> <li>personal protective equipment (PPE)</li> <li>respiratory protective equipment (RPE)</li> <li>local exhaust ventilation (LEV)</li> </ul>			
	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 random natural roof slates with diminishing margins.	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"> <li>random sized natural slates, fixings, ridge and hip tiles, boards, ventilation systems, proprietary roofing grade mortar, sand, cement and additives</li> <li>hand and/or powered tools and equipment</li> </ul>			
	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 random natural roof slates with diminishing margins			

**Assessor comments/feedback**

<b>H/508/0251</b>	<b>Installing random natural roof slates with diminishing margins in the workplace (continued)</b>	<b>Level 3</b>	<b>30 Credits</b>
<b>C61a</b>			

5 Minimise the risk of damage to the work and surrounding area when installing random natural roof slates with diminishing margins.	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 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 current legislation			
	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 random natural roof slates with diminishing margins.	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"> <li>• types of progress charts, timetables and estimated times</li> <li>• organisational procedures for reporting circumstances which will affect the work programme</li> </ul>			

**Assessor comments/feedback**

<b>H/508/0251</b>	<b>Installing random natural roof slates with diminishing margins in the workplace (continued)</b>	<b>Level 3</b>	<b>30 Credits</b>
<b>C61a</b>			

7 Comply with the given contract information to install random natural roof slates with diminishing margins to the required specification.	7.1 Demonstrate the following work skills when installing random natural roof slates with diminishing margins: <ul style="list-style-type: none"> <li>measuring, grading, sizing and holing, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing.</li> </ul>			
	7.2 Use and maintain hand tools, power tools and ancillary equipment.			
	7.3 Install random sized (length and width) natural roof slates (centre- and/or head-nailed) 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: <ul style="list-style-type: none"> <li>general areas</li> <li>eaves and top course</li> <li>abutments</li> <li>dry and/or wet fix verges, ridges, hips and valleys</li> <li>openings (roof lights, windows)</li> </ul>			
	7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> <li>assess suitability of sub-structure</li> <li>identify and report faults with sub-structure and roof interfaces</li> <li>determine lap and gauge dimensions</li> <li>cut and fit slates, fittings and roofing components to the required size and shape</li> <li>grade, size and hole slates</li> <li>fix slates to battens or direct to boarded areas</li> <li>maintain head laps for diminishing courses</li> <li>maintain side laps for random width slates</li> <li>recognise the relationship between head and side lap, roof pitch and geographical location</li> <li>install vents, ridge ventilation and other high level ventilation</li> <li>mix proprietary roofing grade mortar</li> <li>recognise where reclaimed materials can be used</li> <li>work at height</li> <li>use access equipment/working platforms</li> </ul>			
	7.5 Describe the needs of other occupations and how to effectively communicate within a team when installing random natural roof slates with diminishing margins			
	7.6 Describe how to maintain the tools and equipment used when installing random natural roof slates with diminishing margins			

**Assessor comments/feedback**

K/508/0249	Installing double-lap artificial roof slates in the workplace	Level 2	10 Credits
C59a			

The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in installing double-lap artificial slates and related fittings, fixings and components to given working instructions, using new materials for roofs with the following: general areas, eaves and top course, abutments, dry and/or wet fix verges, ridges, hips and valleys, or openings (roof lights, windows). This includes demonstrating competence in measuring, setting out, marking out, cutting, fitting, positioning, securing and finishing activities

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
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 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"> <li>oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings</li> </ul>			
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 and health hazards whilst working: <ul style="list-style-type: none"> <li>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</li> </ul>			
	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			

**Assessor comments/feedback**

K/508/0249	Installing double-lap artificial roof slates in the workplace (continued)	Level 2	10 Credits
C59a			

3 Maintain safe and healthy working practices when installing double-lap artificial roof slates.	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 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"> <li>safe use of access equipment/working platforms</li> <li>safe use, storage and handling of materials, tools and equipment</li> <li>specific risks to health</li> </ul>			
	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"> <li>collective protective measures</li> <li>personal protective equipment (PPE)</li> <li>respiratory protective equipment (RPE)</li> <li>local exhaust ventilation (LEV)</li> </ul>			
	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"> <li>double-lap artificial slates, fittings, fixings, ridge and hip tiles, dry fix systems and ventilation systems</li> <li>hand and/or powered tools and equipment</li> </ul>			
	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			

**Assessor comments/feedback**



K/508/0249	Installing double-lap artificial roof slates in the workplace (continued)	Level 2	10 Credits
C59a			

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

**Assessor comments/feedback**

Y/508/0246	Stripping and reclaiming roof coverings in the workplace	Level 2	15 Credits
C62a			

The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in stripping and reclaiming roof coverings in the workplace. More specifically this unit requires competence in removing, reclaiming and/or disposing of weathering materials and ancillary components to given working instructions, plus two of the following: natural slates, plain tiles, single-lap tiles and stone slates. This includes use of the following work skills, removing, reclaiming, de-nailing, re-holing, re-sizing, cleaning and sorting.

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
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 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"> <li>oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings</li> </ul>			
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 and health hazards whilst working: <ul style="list-style-type: none"> <li>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</li> </ul>			
	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			

**Assessor comments/feedback**

Y/508/0246	Stripping and reclaiming roof coverings in the workplace (continued)	Level 2	15 Credits		
C62a					

3 Maintain safe and healthy working practices when stripping and reclaiming roof coverings.	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 stripping and reclaiming roof coverings.			
	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"> <li>safe use of access equipment/working platforms</li> <li>safe use, storage and handling of materials, tools and equipment</li> <li>specific risks to health</li> </ul>			
	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"> <li>collective protective measures</li> <li>personal protective equipment (PPE)</li> <li>respiratory protective equipment (RPE)</li> <li>local exhaust ventilation (LEV)</li> </ul>			
	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 strip and reclaim 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"> <li>hand and/or powered tools and equipment</li> </ul>			
	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 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 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 current legislation			
	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			

Y/508/0246	<b>Stripping and reclaiming roof coverings in the workplace (continued)</b>	<b>Level 2</b>	<b>15 Credits</b>
C62a			

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"> <li>types of progress charts, timetables and estimated times</li> <li>organisational procedures for reporting circumstances which will affect the work programme</li> </ul>			
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"> <li>removing, reclaiming, de-nailing, re-holing, re-sizing, cleaning and sorting</li> </ul>			
	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"> <li>natural slates</li> <li>plain tiles</li> <li>single-lap tiles</li> <li>stone slates</li> </ul>			
	7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> <li>identify and report faults with sub-structure and roof interfaces</li> <li>position temporary stop boards at eaves</li> <li>remove existing roof coverings</li> <li>clear roof of debris and nails in rafters and other roof timbers</li> <li>sort removed roof coverings and dispose of unwanted materials</li> <li>reclaim reusable tiles and natural slates, stone slates and weatherings</li> <li>assess the suitability of materials to be reclaimed</li> <li>determine sizes of imperial and metric slates</li> <li>stack/store reclaimed materials for reuse</li> <li>prepare materials for reuse, including de-nailing, re-holing and re-sizing</li> <li>work at height</li> <li>use access equipment/work platforms</li> </ul>			
	7.5 Describe the needs of other occupations and how to effectively communicate within a team when stripping and reclaiming roof coverings			
	7.6 Describe how to maintain the tools and equipment used when stripping and reclaiming roof coverings			

**Assessor comments/feedback**

<b>K/508/0252</b>	<b>Installing plain tile roof coverings in the workplace</b>	<b>Level 2</b>	<b>17 Credits</b>
<b>C54a</b>			

The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in installing plain roof tiles and related fittings, fixings and components to given working instructions, using new and/or reclaimed materials for roofs with the following: general areas, eaves and top course, abutments, dry and/or wet fix verges, ridges, hips and valleys, or openings (roof lights, windows). This includes demonstrating competence in measuring, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing activities

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
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 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"> <li>oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings</li> </ul>			
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 and health hazards whilst working: <ul style="list-style-type: none"> <li>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</li> </ul>			
	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			

**Assessor comments/feedback**

K/508/0252	Installing plain tile roof coverings in the workplace (continued)	Level 2	17 Credits		
C54a					

3 Maintain safe and healthy working practices when installing plain tile roof coverings.	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 plain tile roof coverings.			
	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"> <li>• safe use of access equipment/working platforms</li> <li>• safe use, storage and handling of materials, tools and equipment</li> <li>• specific risks to health</li> <li>• 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"> <li>• collective protective measures</li> <li>• personal protective equipment (PPE)</li> <li>• respiratory protective equipment (RPE)</li> <li>• local exhaust ventilation (LEV)</li> </ul> </li> </ul>			
	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 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"> <li>• plain tiles, fittings, fixings, ridge and hip tiles, dry fix systems, ventilation systems, proprietary roofing grade mortar, sand, cement and additives</li> <li>• hand and/or powered tools and equipment</li> </ul>				
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 plain tile roof coverings				

**Assessor comments/feedback**

<b>K/508/0252</b>	<b>Installing plain tile roof coverings in the workplace</b>	<b>Level 2</b>	<b>17 Credits</b>
<b>C54a</b>	<b>(continued)</b>		

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 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 current legislation			
	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 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"> <li>• types of progress charts, timetables and estimated times</li> <li>• organisational procedures for reporting circumstances which will affect the work programme</li> </ul>			

**Assessor comments/feedback**

K/508/0252	Installing plain tile roof coverings in the workplace (continued)	Level 2	17 Credits
C54a			

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"> <li>measuring, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing.</li> </ul>			
	7.2 Use and maintain hand tools, power tools and ancillary equipment.			
	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: <ul style="list-style-type: none"> <li>general areas</li> <li>eaves and top course</li> <li>abutments</li> <li>dry and/or wet fix verges, ridges, hips and valleys</li> <li>openings (roof lights, windows)</li> </ul>			
	7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> <li>assess suitability of sub-structure for re-roofing</li> <li>set out for battens, slates and components</li> <li>install tiles and components to eaves and tops course, verges, ridge, hips, valleys, openings and abutments, vertical and general areas</li> <li>mix sand and cement</li> <li>mix mortar with additives</li> <li>unobtrusively include reclaimed materials</li> <li>form dry and/or wet fix finishing details</li> <li>use hand tools, power tools and equipment</li> <li>work at height</li> <li>use access equipment</li> </ul>			
	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			

**Assessor comments/feedback**

<b>M/508/0253</b>	<b>Installing single-lap roof tiles to a variable gauge in the workplace</b>	<b>Level 2</b>	<b>13 Credits</b>
<b>C53a</b>			

The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in installing 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: general areas, eaves, abutments, dry and/or wet fix verges, ridges, hips and valleys, or openings (roof lights, windows) This includes demonstrating competence in measuring, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing activities.

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
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 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"> <li>oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings</li> </ul>			
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 and health hazards whilst working: <ul style="list-style-type: none"> <li>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</li> </ul>			
	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			

**Assessor comments/feedback**

<b>M/508/0253</b>	<b>Installing single-lap roof tiles to a variable gauge in the workplace (continued)</b>	<b>Level 2</b>	<b>13 Credits</b>		
<b>C53a</b>					

3 Maintain safe and healthy working practices when installing single-lap roof tiles to a variable gauge	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 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"> <li>• safe use of access equipment/working platforms</li> <li>• safe use, storage and handling of materials, tools and equipment</li> <li>• specific risks to health</li> </ul>			
	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, the work situation and general work environment, in relation to: <ul style="list-style-type: none"> <li>• collective protective measures</li> <li>• personal protective equipment (PPE)</li> <li>• respiratory protective equipment (RPE)</li> <li>• local exhaust ventilation (LEV)</li> </ul>			
	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"> <li>• single-lap tiles, fittings, fixings, ridge and hip tiles, dry fix systems, ventilation systems proprietary roofing grade mortar, sand, cement and additives</li> <li>• hand and/or powered tools and equipment</li> </ul>			
	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.			

**Assessor comments/feedback**

<b>M/508/0253</b>	<b>Installing single-lap roof tiles to a variable gauge in the workplace (continued)</b>	<b>Level 2</b>	<b>13 Credits</b>		
<b>C53a</b>					

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 organisational procedures			
	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 current legislation			
	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"> <li>types of progress charts, timetables and estimated times</li> <li>organisational procedures for reporting circumstances which will affect the work programme</li> </ul>			

**Assessor comments/feedback**

M/508/0253	Installing single-lap roof tiles to a variable gauge in the workplace (continued)	Level 2	13 Credits
C53a			

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"> <li>measuring, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing</li> </ul>			
	7.2 Use and maintain hand tools, power tools and ancillary equipment.			
	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: <ul style="list-style-type: none"> <li>general areas</li> <li>eaves</li> <li>abutments</li> <li>dry and/or wet fix verges, ridges, hips and valleys</li> <li>openings (roof lights, windows)</li> </ul>			
	7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> <li>assess suitability of sub-structure for re-roofing</li> <li>set out for battens, slates and components</li> <li>install tiles and components to eaves and tops course, verges, ridge, hips, valleys, openings and abutments, vertical and general areas</li> <li>mix sand and cement</li> <li>mix mortar with additives</li> <li>unobtrusively include reclaimed materials</li> <li>form dry and/or wet fix finishing details</li> <li>use hand tools, power tools and equipment</li> <li>work at height</li> <li>use access equipment</li> </ul>			
	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			
	7.6 Describe how to maintain the tools and equipment used when installing single-lap roof tiles to a variable gauge			

**Assessor comments/feedback**

J/508/0257	Installing single and double lap roof tiles to mitred and vertical roof details in the workplace	Level 3	30 Credits
C65			

The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in installing single and double-lap roof tiles and related fittings, fixings and components to given working instructions, using new and/or reclaimed materials, for roofs with the following: general areas, mitred hips, mitred valleys, vertical surfaces(double-lap only), eaves and top course, abutments, dry and/or wet fix verges, ridges, hips and valleys, or openings (roof lights, windows) This includes demonstrating competence in measuring, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing activities.

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
1 Interpret the given information relating to the work and resources when installing single and double-lap roof tiles to mitred and vertical roof details	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"> <li>oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings</li> </ul>			
2 Know how to comply with relevant legislation and official guidance when installing single and double-lap roof tiles to mitred and vertical roof details	2.1 Describe their responsibilities regarding potential accidents and health hazards whilst working: <ul style="list-style-type: none"> <li>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</li> </ul>			
	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			

**Assessor comments/feedback**

J/508/0257	Installing single and double lap roof tiles to mitred and vertical roof details in the workplace (continued)	Level 3	30 Credits
C65			

3 Maintain safe and healthy working practices when installing single and double-lap roof tiles to mitred and vertical roof details.	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 single and double-lap roof tiles to mitred and vertical roof details.			
	3.2 Demonstrate compliance with given information and relevant legislation when installing single and double-lap roof tiles to mitred and vertical roof details in relation to the following: <ul style="list-style-type: none"> <li>• safe use of access equipment/working platforms</li> <li>• safe use, storage and handling of materials, tools and equipment</li> <li>• specific risks to health</li> </ul>			
	3.3 Explain why and when health and safety control equipment, identified by the principles of prevention should be used, relating to installing single and double-lap roof tiles to mitred and vertical 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"> <li>• collective protective measures</li> <li>• personal protective equipment (PPE)</li> <li>• respiratory protective equipment (RPE)</li> <li>• local exhaust ventilation (LEV)</li> </ul>			
	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			

**Assessor comments/feedback**

<b>J/508/0257</b>	<b>Installing single and double lap roof tiles to mitred and vertical roof details in the workplace (continued)</b>	<b>Level 3</b>	<b>30 Credits</b>
<b>C65</b>			

4 Select the required quantity and quality of resources for the methods of work to install single and double-lap roof tiles to mitred and vertical 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"> <li>• tiles, fixings, soakers, ridge and hip tiles, dry fix systems, ventilation systems, proprietary roofing grade mortar, sand, cement and additives</li> <li>• hand and/or powered tools and equipment</li> </ul>			
	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 and double-lap roof tiles to mitred and vertical roof details.			
5 Minimise the risk of damage to the work and surrounding area when installing single and double-lap roof tiles to mitred and vertical 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 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 current legislation			
	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 and double-lap roof tiles to mitred and vertical 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"> <li>• types of progress charts, timetables and estimated times</li> <li>• organisational procedures for reporting circumstances which will affect the work programme</li> </ul>			

**Assessor comments/feedback**

J/508/0257	Installing single and double lap roof tiles to mitred and vertical roof details in the workplace (continued)	Level 3	30 Credits
C65			

7 Comply with the given contract information to install single and double-lap roof tiles to mitred and vertical roof details to the required specification.	7.1 Demonstrate the following work skills when installing single and double-lap roof tiles to mitred and vertical roof details: <ul style="list-style-type: none"> <li>measuring, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing</li> </ul>			
	7.2 Use and maintain hand tools, power tools and ancillary equipment.			
	7.3 Install single and double-lap roof tiles and related fittings, fixings and components to given working instructions, using new and/or reclaimed materials, for roofs with the following: <ul style="list-style-type: none"> <li>general areas</li> <li>mitred hips</li> <li>mitred valleys</li> <li>vertical surfaces(double-lap only)</li> <li>eaves and top course</li> <li>abutments</li> <li>dry and/or wet fix verges, ridges, hips and valleys</li> <li>openings (roof lights, windows)</li> </ul>			
	7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> <li>set out and install natural roof slates to vertical surfaces including gable ends, openings, penetrations, internal and external corners</li> <li>install vents, ridge ventilation and other high level ventilation</li> <li>mix sand, cement and additives</li> <li>mix proprietary roofing grade mortar</li> <li>form dry and/or wet fix finishing details</li> <li>recognise where reclaimed materials can be used</li> <li>understand the effects on lap and gauge when using reclaimed imperial sized slates</li> <li>recognise when specialist skills and knowledge are required and report accordingly</li> <li>recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance</li> <li>use hand tools, power tools and equipment</li> </ul>			
	7.5 Describe the needs of other occupations and how to effectively communicate within a team when installing regular sized natural roof slate to mitred and vertical advanced roof details			
	7.6 Describe how to maintain the tools and equipment used when installing natural roof slate to mitred and vertical roof details.			

<b>Assessor comments/feedback</b>
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R/508/0245	Installing single-lap roof tiles to a fixed gauge in the workplace	Level 2	10 Credits
C63			

The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in installing 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: general areas, eaves and top course, abutments, dry and/or wet fix verges, ridges, hips and valleys, or openings (roof lights, windows). This includes demonstrating the ability to carry out safe and effective processes including measuring, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing.

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
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 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"> <li>oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings</li> </ul>			
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 and health hazards whilst working: <ul style="list-style-type: none"> <li>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</li> </ul>			
	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			

**Assessor comments/feedback**

R/508/0245	Installing single-lap roof tiles to a fixed gauge in the workplace (continued)	Level 2	10 Credits
C63			

3 Maintain safe and healthy working practices when installing single-lap roof tiles to a fixed gauge	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 single-lap roof tiles to a fixed gauge			
	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"> <li>• safe use of access equipment/working platforms</li> <li>• safe use, storage and handling of materials, tools and equipment</li> <li>• specific risks to health</li> </ul>			
	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"> <li>• collective protective measures</li> <li>• personal protective equipment (PPE)</li> <li>• respiratory protective equipment (RPE)</li> <li>• local exhaust ventilation (LEV)</li> </ul>			
	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			

**Assessor comments/feedback**

R/508/0245	Installing single-lap roof tiles to a fixed gauge in the workplace (continued)	Level 2	10 Credits
C63			

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"> <li>single-lap fixed gauge tiles, fittings, fixings, ridge and hip tiles, dry fix systems, ventilation systems, proprietary roofing grade mortar, sand, cement and additives</li> <li>hand and/or powered tools and equipment</li> </ul>			
	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 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 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 current legislation			
	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"> <li>types of progress charts, timetables and estimated times</li> <li>organisational procedures for reporting circumstances which will affect the work programme</li> </ul>			

**Assessor comments/feedback**

R/508/0245	Installing single-lap roof tiles to a fixed gauge in the workplace (continued)	Level 2	10 Credits
C63			

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"> <li>measuring, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing</li> </ul>			
	7.2 Use and maintain hand tools, power tools and ancillary equipment.			
	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: <ul style="list-style-type: none"> <li>general areas</li> <li>eaves and top course</li> <li>abutments</li> <li>openings (roof lights, windows)</li> <li>dry and/or wet fix verges, ridges, hips and valleys</li> </ul>			
	7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> <li>assess suitability of sub-structure</li> <li>determine lap and gauge dimensions</li> <li>set out and install tiles and components to eaves and top course, verges, ridge, hips, valleys, openings (roof lights, windows) abutments and general areas</li> <li>install vents, ridge ventilation and other high level ventilation</li> <li>mix sand, cement and additives</li> <li>mix proprietary roofing grade mortar</li> <li>form dry and/or wet fix finishing details</li> <li>recognise where reclaimed materials can be used</li> <li>understand the effects on lap and gauge when using reclaimed imperial sized tiles</li> <li>understand the uses and limitations of hand-made/crafted clay tiles</li> <li>use hand tools, power tools and equipment</li> <li>work at height</li> <li>use access equipment</li> </ul>			
	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			

**Assessor comments/feedback**

<b>T/508/0254</b>	<b>Installing double-lap roof tiles to curved and swept roof details in the workplace</b>	<b>Level 3</b>	<b>30 Credits</b>
<b>C64</b>			

The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in installing plain and/or peg tiles (double-lap) to battens and/or boards and related fittings, fixings and components to given working instructions, using new and/or reclaimed materials for two of the following roof details: eyebrow dormers, swept valleys, laced valleys and curved vertical/curved pitch (cones, apse ends). This includes demonstrating competence in measuring, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing activities.

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.Ref.No		
1 Interpret the given information relating to the work and resources when installing double-lap roof tiles to curved and swept roof details	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"> <li>oral/written working instructions, electronic data, drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, organisational procedures and current regulations governing buildings</li> </ul>			
2 Know how to comply with relevant legislation and official guidance when installing double-lap roof tiles to curved and swept roof details	2.1 Describe their responsibilities regarding potential accidents and health hazards whilst working: <ul style="list-style-type: none"> <li>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</li> </ul>			
	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			

**Assessor comments/feedback**

<b>T/508/0254</b>	<b>Installing double-lap roof tiles to curved and swept roof details in the workplace (continued)</b>	<b>Level 3</b>	<b>30 Credits</b>
<b>C64</b>			

3 Maintain safe and healthy working practices when installing double-lap roof tiles to curved and swept roof details	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 double-lap roof tiles to curved and swept roof details			
	3.2 Demonstrate compliance with given information and relevant legislation when installing double-lap roof tiles to curved and swept roof details in relation to the following: <ul style="list-style-type: none"> <li>• safe use of access equipment/working platforms</li> <li>• safe use, storage and handling of materials, tools and equipment</li> <li>• specific risks to health</li> </ul>			
	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 roof tiles to curved and swept 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"> <li>• collective protective measures</li> <li>• personal protective equipment (PPE)</li> <li>• respiratory protective equipment (RPE)</li> <li>• local exhaust ventilation (LEV)</li> </ul>			
	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			

**Assessor comments/feedback**

T/508/0254 C64	Installing double-lap roof tiles to curved and swept roof details in the workplace (continued)	Level 3	30 Credits		
4 Select the required quantity and quality of resources for the methods of work to install double-lap roof tiles to curved and swept 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"> <li>• plain tiles, peg tiles, boards, split battens, soakers, timber, wedges, fillets, fittings and fixings</li> <li>• hand and/or powered tools and equipment</li> </ul>				
	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 roof tiles to curved and swept roof details				
5 Minimise the risk of damage to the work and surrounding area when installing double-lap roof tiles to curved and swept 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 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 current legislation				
	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 roof tiles to curved and swept 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"> <li>• types of progress charts, timetables and estimated times</li> <li>• organisational procedures for reporting circumstances which will affect the work programme</li> </ul>				

**Assessor comments/feedback**

<b>T/508/0254</b>	<b>Installing double-lap roof tiles to curved and swept roof details in the workplace (continued)</b>	<b>Level 3</b>	<b>30 Credits</b>
<b>C64</b>			

7 Comply with the given contract information to install double-lap roof tiles to curved and swept roof details to the required specification.	7.1 Demonstrate the following work skills when installing double-lap roof tiles to curved and swept roof details: <ul style="list-style-type: none"> <li>measuring, setting out, marking out, cutting, fitting, mixing, positioning, securing and finishing</li> </ul>			
	7.2 Use and maintain hand tools, power tools and ancillary equipment.			
	7.3 Install plain and/or peg tiles (double-lap) to battens and/or boards and related fittings, fixings and components to given working instructions, using new and/or reclaimed materials for two of the following roof details: <ul style="list-style-type: none"> <li>eyebrow dormers</li> <li>swept valleys</li> <li>laced valleys</li> <li>curved vertical</li> <li>curved pitch (cones, apse ends)</li> </ul>			
	7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> <li>assess suitability of sub-structure</li> <li>identify and report faults with sub-structure and roof interfaces</li> <li>cut and fit tiles, fittings and roofing components to the required size and shape</li> <li>fix boards, wedges, fillets and split battens</li> <li>determine lap and gauge dimensions</li> <li>fix tiles to battens or direct to boarded areas</li> <li>set out and install plain and/or peg tiles (double-lap) and components, including soakers to eyebrow dormers, swept and laced valleys, curved and radial areas</li> <li>recognise where reclaimed materials can be used</li> <li>recognise specific requirements for structures of special interest, traditional build (pre 1919) and historical significance</li> <li>work at heights</li> <li>use access equipment/working platforms</li> </ul>			
	7.5 Describe the needs of other occupations and how to effectively communicate within a team when installing double-lap roof tiles to curved and swept roof details.			
	7.6 Describe how to maintain the tools and equipment used when installing double-lap roof tiles to curved and swept roof details.			

**Assessor comments/feedback**

# *Notes*

# *Notes*



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