



**GQA Level 2 NVQ in Installing Chimney
Flues and Solid Fuel Appliances
(Construction)
Qualification Number
610/2279/2**

GQA Qualifications, Unit 1, 12 O'Clock Court, Attercliffe Road, Sheffield, S4 7WW

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PERSONAL COMPETENCE SUMMARY

Name			Company/Centre			
Job Title			GQA Registration Number			
		UNITS OF COMPETENCE			ASSESSOR SIGNATURE Performance and knowledge assessment completed and supplemented with evidence overtime	DATE
Unit Number		Mandatory Units	Level	Credit		
L/650/6196	250v3	Use access equipment up to six metres in the workplace	2	8		
A/503/1170	641 v1	Conforming to General Health, Safety and Welfare in the Workplace	1	2		
F/503/1171	643v1	Moving, handling or storing resources in the workplace	2	5		
J/503/1169	642v1	Conforming to Productive Working Practices in the Workplace	2	3		
J/650/6201	825v1	Connecting solid fuel appliances to a flue system in the workplace	2	15		
Optional units a minimum of 1 unit is required						

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

Observation in the workplace	☐	Assessment of knowledge	☐
Records of prior experience	☐	Witness statement(s)	☐
Testimonial(s)	☐	Photographic evidence	☐
Work records	☐	External testing	☐

Passport Style
Candidate Photo
(Mandatory)

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 individuals wishing to prove they have the level and range of knowledge and skills required to install Chimney Flues and Solid Fuel Appliances. All work must be completed following Industry recognised Safe Working Practices and in accordance with relevant legislation.

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This qualification is at Level 2, although some units may be at different levels and should be taken by those who are fully trained to deal with routine assignments. Candidates should require minimum supervision in undertaking the job.

What is required from candidates?

GQA qualifications are made up of a number of units that have a credit value or credits. This qualification is made up of 5 mandatory units, which have a total of 33 credits and a group of optional units, at least 1 optional unit must be achieved, this gives the qualification a minimum credit value of 46 credits..

There is also one entirely optional additional unit

The units are made up of the things those working in these job roles need to know and the tasks they need to be able to do to carry out the work safely and correctly. These are called Learning Outcomes, and all must be met to achieve the unit.

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Mandatory Units				
L/650/6196	250v3	Use access equipment up to six metres in the workplace	2	8
A/503/1170	641v1	Conforming to General Health, Safety and Welfare in the Workplace	1	3
J/503/1169	642v1	Conforming to productive work practices in the workplace	2	2
F/503/1171	643v1	Moving, handling or storing resources in the workplace	2	5
J/650/6201	825v1	Connecting solid fuel appliances to a flue system in the workplace	2	15
Additional unit - NOT compulsory				
H/650/6193	51v3	Constructing prefabricated block chimneys in the workplace	2	15
J/650/6194	52v3	Lining chimney structures with cast material in the workplace	2	17
K/650/6195	53v4	Erecting metal chimneys in the workplace	2	18
M/650/6197	54v3	Lining chimney structures and flues with flexible liners in the workplace	2	13
R/650/6198	55v3	Applying sealant to chimney structures in the workplace	2	17

Achievement of the required credit indicated above will mean the qualification has been completed and GQA will provide the Certificate with the qualification title. Where a candidate has completed additional credits the Certificate will list these as “additional credits”, in cases where the candidate has not completed the requirements of the full qualification and will not go on to do so, a Certificate of credit can be issued for the credits achieved.

Assessment guidance

Evidence should show that candidates 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 candidates 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 books/reporting systems
- Safety records
- Training records
- Audio evidence
- Job documentation
- Witness testimonies
- Notes and memos
- Photo/video evidence
- Work diaries
- Timesheets
- Materials
- Work schedules and records
- Equipment

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 quality assurance and hold the relevant national external quality assurance 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 EQA'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 quality assurance 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

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 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.....

Production/Process Activity Guideline

To aid new or established workers, a centre may wish to describe a normal production/process activity relevant to the achievement of the national vocational qualification and identify which units/elements it will contribute to, e.g. the act of preparation for work, implementation and completion will contribute to a number of units of competence.

[illegible]

L/650/6196	Use access equipment up to six metres in the workplace	Level 2	8 Credits
250v3			

The aim of this unit is to ensure the individual has the skills and knowledge to erect, use, remove and store two of the following access equipment up to six metres:

- ladders
- stepladders/platform steps
- proprietary towers
- podiums
- mobile scaffold towers

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 using access equipment up to six metres	1.1 Interpret and extract relevant information from plans, drawings and sketches, specifications, method statements, risk assessments and manufacturers' information.			
	1.2 Comply with information and/or instructions derived from risk assessments and method statement.			
	1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.			
	1.4 Describe different types of information, their source and how they are interpreted in relation to: – plans – drawings and sketches – specifications – schedules – method statements – risk assessments – manufacturers' technical information – regulations – official guidance			
2 Know how to comply with relevant legislation and official guidance when using access equipment up to six metres	2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: – in the workplace – below ground level – at height – in confined areas – with tools and equipment – with movement and storage of materials – manual handling and mechanical lifting			
	2.2 Describe the organisational security procedures for tools, equipment, and personal belongings in relation to: – site – workplace – company – operative – vehicles			
	2.3 Explain what the accident reporting procedures are and who is responsible for making reports.			

L/650/6196	Use access equipment up to six metres in the workplace (Continued)	Level 2	8 Credits
250v3			

3	Maintain safe and healthy working practices when using access equipment up to six metres	3.1	Use health and safety control and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when using access equipment up to six metres			
		3.2	Demonstrate compliance with given information and relevant legislation when using access equipment up to six metres in relation to the following: – safe use of access equipment – safe use, storage and handling of materials, tools and equipment – specific risks to health			
		3.3	Explain why and when health and safety control equipment, identified by the principles of prevention should be used, relating to using access equipment up to six metres and the types, purpose and limitations of each type, the work situation and general work environment in relation to: - collective protective measures - local exhaust ventilation (LEV) - personal protective equipment (PPE) - respiratory protective equipment (RPE)			
		3.4	Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions			
		3.5	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.			
4	Select the required quantity and quality of resources for the methods of work to use access equipment up to six metres.	4.1	Select resources associated with own work in relation to materials, components, tools and equipment.			
		4.2	Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: – ladders – stepladders or platform steps – podiums – proprietary towers – mobile scaffold towers – protection equipment and notices – hand tools, portable power tools and ancillary equipment.			
		4.3	Describe how to confirm that the resources and materials conform to the specification.			
		4.4	Describe how the resources should be used correctly, how problems associated with the resources are reported.			

L/650/6196	Use access equipment up to six metres in the workplace (Continued)	Level 2	8 Credits
250v3			

	4.5	Explain why the organisational procedures have been developed and how they are used for the selection of required resources.				
	4.6	Describe any potential hazards associated with the resources and method of work.				
	4.7	Describe how to calculate quantity of equipment required associated with the method and procedure to using access equipment up to six metres.				
5	Minimise the risk of damage to the work and surrounding area when using access equipment up to six metres .	5.1	Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.			
		5.2	Maintain a clear and tidy work space.			
		5.3	Dispose of waste in accordance with legislation.			
		5.4	Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions.			
		5.5	Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers’ information, statutory regulations and official guidance.			
6	Complete the work within the allocated time when using access equipment up to six metres	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: – organisational procedures for reporting circumstances which will affect the work programme.			
7	Comply with the given contract information to using access equipment up to six metres to the required specification.	7.1	Demonstrate the following work skills when Using access equipment up to six metres: – moving, positioning, erecting, securing, checking, and removing.			
		7.2	Use and maintain hand tools and ancillary equipment.			
		7.3	Erect, use, remove and store two of the following access equipment up to six metres: – ladders – stepladders/platform steps – proprietary towers – podiums – mobile scaffold towers			

L/650/6196	Use access equipment up to six metres in the workplace (Continued)	Level 2	8 Credits
250v3			

	7.4	Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: – provide protection to the work area – establish a base for equipment – erect proprietary access equipment to manufacturer's instructions suitable for the work – erect non-proprietary access equipment suitable for the work – place protective screens and notices – check and monitor equipment during the period of use – remove and store access equipment – work with, around and in close proximity to plant and machinery – use tools and equipment – work at height – use access equipment			
	7.5	Describe the needs of other occupations and how to communicate within a team when using access equipment up to six metres.			
	7.6	Describe how to maintain the hand tools, portable power tools, ancillary equipment and access equipment used when using access equipment up to six metres.			

Assessor Comments/Feedback

A/503/1170	Conforming to General Health, Safety and Welfare in the Workplace	Level 1	2 Credits
641v1			
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 Comply with information from workplace inductions and any health, safety and welfare briefings attended relevant to the occupational area.		
	1.3 Comply with statutory requirements, safety notices and warning notices displayed within the workplace and/or on equipment.		
	1.4 State why and when health and safety control equipment, identified by the principles of protection, should be used relating to types, purpose and limitations of each type, the work situation, occupational use and the general work environment, in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).		
	1.5 State how the health and safety control equipment relevant to the work should be used in accordance with the given instructions.		
	1.6 State which types of health, safety and welfare legislation, notices and warning signs are relevant to the occupational area and associated equipment.		
	1.7 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.		

A/503/1170	Conforming to General Health, Safety and Welfare in the Workplace (continued)	Level 1	2 Credits
641v1			

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: – dealing with accidents and emergencies associated with the work and environment – methods of receiving or sourcing information – reporting – stopping work – evacuation – fire risks and safe exit procedures – consultation and feedback.			
	3.7 State the appropriate types of fire extinguishers relevant to the work.			
	3.8 State how and when the different types of fire extinguishers are used in accordance with legislation and official guidance.			
4 Work responsibly to contribute to workplace health, safety and welfare whilst carrying out work in the relevant occupational area.	4.1 Demonstrate behaviour which shows personal responsibility for general workplace health, safety and welfare.			
	4.2 State how personal behaviour demonstrates responsibility for general workplace health, safety and welfare, in relation to: – recognising when to stop work in the face of serious and imminent danger to self and/or others – contributing to discussions and providing feedback – reporting changed circumstances and incidents in the workplace – complying with the environmental requirements of the workplace.			
	4.3 Give examples of how the behaviour and actions of individuals could affect others within the workplace.			
5 Comply with and support all organisational security arrangements and approved procedures.	5.1 Provide appropriate support for security arrangements in accordance with approved procedures: – during the working day – on completion of the day's work – for unauthorised personnel (other operatives and the general public) – for theft.			
	5.2 State how security arrangements are implemented in relation to the workplace, the general public, site personnel and resources.			

Assessor comments/Feedback

J/503/1169	Conforming to Productive Working Practices in the Workplace	Level 2	3 Credits
642v1			

The aim of this unit is to ensure that the candidate has the skills and knowledge required to communicate with colleagues, management and customers to plan, implement and record information in the Construction working environment. This includes the use and completion of documentation in line with Organisational guidelines, meeting deadlines and specifications while maintaining effective working relationships. Candidates will also have to understand the importance of working relationships have on productive working and how to ensure equality and diversity principles are applied when working and communicating with others. 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 Communicate with others to establish productive work practices.	1.1 Communicate in an appropriate manner with line management, colleagues and/or customers to ensure that work is carried out productively.			
	1.2 Describe the different methods of communicating with line management, colleagues and customers.			
	1.3 Describe how to use different methods of communication to ensure that the work carried out is productive.			
2 Follow organisational procedures to plan the sequence of work.	2.1 Interpret relevant information from organisational procedures in order to plan the sequence of work.			
	2.2 Plan the sequence of work, using appropriate resources, in accordance with organisational procedures to ensure work is completed productively.			
	2.3 Describe how organisational procedures are applied to ensure work is planned and carried out productively, in relation to: – using resources for own and other's work requirements – allocating appropriate work to employees – organising the work sequence – reducing carbon emissions.			
	2.4 Describe how to contribute to zero/low carbon work outcomes within the built environment.			
3 Maintain relevant records in accordance with the organisational procedures.	3.1 Complete relevant documentation according to the occupation as required by the organisation.			
	3.2 Describe how to complete and maintain documentation in accordance with organisational procedures, in relation to: – job cards – worksheets – material/resource lists – time sheets.			
	3.3 Explain the reasons for ensuring documentation is completed clearly and within given timescales.			

J/503/1169	Conforming to Productive Working Practices in the Workplace (continued)	Level 2	3 Credits
642v1			

4. Maintain good working relationships when conforming to productive working practices.	4.1 Carry out work productively, to the agreed specification, in conjunction with line management, colleagues, customers and/ or other relevant people involved in the work to maintain good working relationships.			
	4.2 Apply the principles of equality and diversity and respect the needs of individuals when communicating and working with others.			
	4.3 Describe how to maintain good working relationships, in relation to: – individuals – customer and operative – operative and line management – own and other occupations.			
	4.4 Describe why it is important to work effectively with line management, colleagues and customers.			
	4.5 Describe how working relationships could have an effect on productive working.			
	4.6 Describe how to apply principles of equality and diversity when communicating and working with others.			

Assessor comments/feedback

F/503/1171	Moving, Handling and Storing Resources in the Workplace	Level 2	5 Credits		
643v1					
The aim of this unit is to ensure that the candidate has the skills and knowledge required to move, handle and store Construction related materials, e.g. sheet material, loose material, bagged or wrapped material, fragile material, tools and equipment, components or liquids in accordance with safe working practices, legislation and Organisational guidance on safety and security. Candidates must have knowledge of safe use of lifting and handling aids, containers and fixing, holding and securing systems and how to dispose of waste and packaging in accordance with legislation. All work must be carried out in accordance with safe working practices, minimising risk of damage to the materials and surrounding area. Candidates must understand their responsibilities and the hazards associated with this type of work including how the needs of other occupations have to be considered when moving resources, the accident and emergency procedures, and the different types and purposes of fire extinguishers. Finally Candidates must understand the types of problems that can occur when carrying out this type of work and the Organisational procedures for dealing with them.					
Learning outcome. The learner will:		Assessment criteria. The learner can:			Evidence.ref.no
1 Comply with given information when moving, handling and/or storing resources.	1.1 Interpret the given information relating to moving, handling and/or storing resources, relevant to the given occupation.				
	1.2 Interpret the given information relating to the use and storage of lifting aids and equipment.				
	1.3 Describe the different types of technical, product and regulatory information, their source and how they are interpreted.				
	1.4 Describe the different types of technical, product and regulatory information, their source and how they are interpreted.				
	1.5 Describe how to obtain information relating to using and storing lifting aids and equipment.				
2 Know how to comply with relevant legislation and official guidance when moving, handling and/or storing resources.	2.1 Describe their responsibilities under current legislation and official guidance whilst working: – in the workplace, in confined spaces, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.				
	2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.				
	2.3 Explain what the accident reporting procedures are and who is responsible for making the reports.				
	2.4 State the appropriate types of fire extinguishers relevant to the work.				
	2.5 Describe how and when the different types of fire extinguishers, relevant to the given occupation, are used in accordance with legislation and official guidance.				
3 Describe how and when the different types of fire extinguishers, relevant to the given occupation, are used in accordance with legislation and official guidance.	3.1 Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements when moving, handling and/or storing resources.				
	3.2 Use lifting aids safely as appropriate to the work.				
	3.3 Protect the environment in accordance with safe working practices as appropriate to the work.				

F/503/1171	Moving, Handling and Storing Resources in the Workplace	Level 2	5 Credits
643v1	(Continued)		

	3.4 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to moving, handling and/or storing resources, and the types, purpose and limitations of each type, the work situation, occupational use and the general work environment, in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).			
	3.5 Describe how the health and safety control equipment relevant to the work should be used in accordance with the given instructions.			
	3.6 State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.			
4 Select the required quantity and quality of resources for the methods of work to move, handle and/or store occupational resources.	4.1 Select the relevant resources to be moved, handled and/or stored, associated with own work.			
	4.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the occupational resources in relation to: – lifting and handling aids – container(s) – fixing, holding and securing systems.			
	4.3 Describe how the resources should be handled and how any problems associated with the resources are reported.			
	4.4 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.			
	4.5 Describe any potential hazards associated with the resources and methods of work.			
5 Prevent the risk of damage to occupational resources and surrounding environment when moving, handling and/or storing resources.	5.1 Protect occupational resources and their surrounding area from damage in accordance with safe working practices and organisational procedures.			
	5.2 Dispose of waste and packaging in accordance with legislation.			
	5.3 Maintain a clean work space when moving, handling or storing resources.			
	5.4 Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions			
	5.5 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.			

F/503/1171	Moving, Handling and Storing Resources in the Workplace	Level 2	5 Credits
643v1	(Continued)		

6. . Complete the work within the allocated time when moving, handling and/or storing resources.	6.1 Demonstrate completion of the work within the allocated time.			
	6.2 State the purpose of the work programme and explain why deadlines should be kept in relation to: – Progress charts, timetables and estimated times – Organisational procedures for reporting circumstances which will affect the work programme			
7. Comply with the given occupational resource information to move, handle and/or store resources to the required guidance.	7.1 Demonstrate the following work skills when moving, handling and/or storing occupational resources: – Moving, positioning, storing, securing and/or using lifting aids and kinetic lifting techniques			
	7.2 Move, handle and/or store occupational resources to meet product information and organisational requirements relating to three of the following: – Sheet material – Loose material – Bagged or wrapped material – Fragile material – Tools and equipment – Components – Liquids			
	7.3 Describe how to apply safe work practices, follow procedures, report problems and establish the authority needed to rectify them when moving, handling and/or storing occupational resources.			
	7.4 Describe the needs of other occupations when moving, handling and/or storing resources.			

Assessor Comments/Feedback

J/650/6201	Connecting solid fuel appliances to a flue system in the workplace	Level 2	15 Credits
825v1			

The aim of this unit is to ensure the individual has the skills and knowledge to inspect and prepare work areas and work activities for connecting an appliance to a flue system, inspect and test the siting and installation of solid fuel appliances in accordance with statutory and manufacturer's requirements including open and inset fires.

The individual must also be able to identify adequate ventilation to support correct performance, report identified defects to the appropriate party and carry out suitable performance tests to ensure intended function and combustion.

Glossary of Terms

A description of terms in **bold font** in this NVQ unit should be used as a reference point, these can be found on Page 53.

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.ref.no		
1 Interpret the information relating to the work and resources when connecting solid fuel appliances to a system	1.1 Interpret and extract relevant information from: – documentation and specifications – drawings – schedules – contract information – pre-installation surveys – risk assessments – method statements.			
	1.2 Comply with information and/or instructions derived from risk assessments and method statements.			
	1.3 Describe why the organisational procedures have been developed and how they are implemented.			
	1.4 Describe different types of information, their source and how they are interpreted in relation to: – documentation and specifications – drawings – schedules – contract information – pre-installation survey – risk assessments – method statements.			
	1.5 The range of relevant digital services, tools and systems, and how they are used			
	1.6 The importance of organisational procedures to solve problems with the information, and why it is important to follow them.			
2 Know how to comply with environmentally responsible work practices to meet current legislation and official guidance when connecting solid fuel appliances to a flue system	2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment in relation to working: – in the workplace – below ground level – in confined spaces – at height – with tools and equipment – with materials and substances – whilst moving and storing materials by manual handling and mechanical lifting – to install solid fuel appliances.			

J/650/6201	Connecting solid fuel appliances to a flue system in the workplace (Continued)	Level 2	15 Credits
825v1			

	2.2	Describe the organisational security procedures for tools, equipment and personal belongings in relation to: – operative – site – workplace – vehicles – company – customer – the general public – other occupations within the workplace.				
	2.3	Explain the accident reporting procedures and who is responsible for making reports.				
	2.4	Describe the types of fire extinguishers and how and when they are used in relation to: – water – CO₂ – Foam – powder.				
3	Maintain safe and healthy work practices when connecting solid fuel appliances to a flue system	3.1	Outline information for relevant, current legislation and official guidance and how it is applied.			
		3.2	Use health and safety control equipment safely and comply with the methods of work to carry out the work in accordance with the task being undertaken, the working environment, relevant legislation and official guidance.			
		3.3	Demonstrate compliance with relevant legislation and official guidance relating to the following: – safe use of access equipment – safe use, storage and handling of materials, tools and equipment – specific risks to health including mental health – specific risks associated with asbestos containing materials – specific risks associated with silica dust, mortars and sealants.			
		3.4	Explain why, when and how health and safety control equipment, identified by the principles of prevention should be used, in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).			
		3.5	Describe how the relevant health and safety control equipment should be used in accordance with the work instructions.			
		3.6	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills in relation to: – fires, spillages, injuries – emergencies relating to occupational activities – identification of and reporting of asbestos containing materials.			

J/650/6201	Connecting solid fuel appliances to a flue system in the workplace (Continued)	Level 2	15 Credits
825v1			

	3.7	Describe how to report risks and hazards identified by the following: – methods of work – risk assessment – personal assessment – manufacturers’ technical information – statutory regulations – official guidance – Control of Substances Hazardous to Health (COSHH).				
4	Select the required quantity and quality of resources for the methods of work to connect solid fuel appliances to a flue system	4.1	Select resources associated with own work in relation to: – materials, components and fixings – tools and equipment – access equipment.			
		4.2	Describe why the characteristics, quality, uses, sustainability, limitations and defects associated with the resources are important and how defects should be rectified.			
		4.3	Describe how to confirm that the resources and materials conform with the specification.			
		4.4	Describe how the resources should be used and how any problems associated with the resources are reported in relation to: – protective equipment and screens – connecting flue pipes and adaptors – heat shields – fixings and fittings – fire cement – mortars – sealants – insulation materials – hand and power tools and ancillary equipment.			
		4.5	Explain the organisational procedures to select resources, why they have been developed and how they are used.			
		4.6	Describe how to identify any potential hazards associated with the resources and methods of work and how they are overcome.			
		4.7	Describe methods of calculating the quantity, length, area associated with the method and procedure to connect solid fuel appliances to a flue system			
5	Minimise the risk of damage to the work and surrounding area when connecting solid fuel appliances to a flue system	5.1	Comply with organisational procedures to protect the work and its surrounding area from damage by: – maintaining a safe, clear and tidy work area – disposing of waste in accordance with current legislation.			
		5.2	Explain why it is important to maintain a safe, clear and tidy work area .			
		5.3	Describe how to protect work and its surrounding area from damage and the purpose of protection from general workplace activities, other occupations and adverse weather conditions and how to minimise the damage to existing building fabric.			

J/650/6201	Connecting solid fuel appliances to a flue system in the workplace (Continued)	Level 2	15 Credits
825v1			

		5.4	Explain why and how the disposal of waste must be carried out safely in accordance with the following: – environmental responsibilities – organisational procedures – manufacturers’ information – statutory regulations – official guidance.			
6	Complete the work within the allocated time when connecting solid fuel appliances to a flue system	6.1	Demonstrate completion of the work within the estimated, allocated time.			
		6.2	Describe the programme of work to be carried out including the estimated and allocated time and explain why deadlines should be kept in relation to: – the types of progress charts, timetables and estimated times – the organisational procedures for reporting circumstances which will affect the work programme.			
7	Comply with the contract information to carry out the work efficiently to the required specification.	7.1	Demonstrate the following work skills: – measuring – cutting – positioning – securing – testing and connecting solid fuel appliances to a flue system.			
		7.2	Use and maintain: – hand tools – power tools – ancillary equipment.			
		7.3	Inspect and prepare work areas and work activities for connecting an appliance to a flue system.			
		7.4	Inspect and test the siting and installation of solid fuel appliances in accordance with statutory and manufacturer’s requirements including open and inset fires.			
		7.5	Identify adequate ventilation to support correct performance.			
		7.6	Report identified defects to the appropriate party.			
		7.7	Carry out suitable performance tests to ensure intended function and combustion.			
		7.8	Advise end user of correct fuels, efficient use of appliance and importance of regular servicing and maintenance.			
		7.9	Describe how the methods of work to meet the specification, are carried out and how problems are identified and reported by the application of knowledge for safe, healthy and environmental work practices, procedures and skills relating to the method and area of work to include: – the relevance of an assessment and how to recognise specific requirements for structures of special interest, traditional construction, hard-to-treat buildings and buildings of historical significance			

J/650/6201	Connecting solid fuel appliances to a flue system in the workplace (Continued)	Level 2	15 Credits
825v1			

	– how to inspect, prepare and connect open and closed solid fuel appliances up to 50kW to a flue system, in accordance with statutory and manufacturer's instructions – how to identify the correct heat output from an appliance to meet the requirements – why it is important to inspect and test chimney and appliance performance and confirm it meets statutory requirements, manufacturers and industry standards – why it is important to ensure there is access for sweeping and inspection – the importance of flue designation and how to check that the flue is compatible with the appliance and its intended use – why it is important to confirm that the ventilation requirements meet the statutory and industry standards for the installation – why it is important to make provision in accordance with statutory and manufacturer's instructions for an alert to the release of carbon monoxide – why it is important to ensure permanent access to installation data is available – why it is important to protect the area surrounding the work – how to work safely with, around and in close proximity to plant and machinery – how to use work tools and equipment – how to work at height using access equipment – how and why operative care and maintenance of work and power tools and equipment is carried out – why it is important to ensure the end user understands the correct and safe operation of the appliance in accordance with statutory and manufacturer's instructions – how to achieve good solid fuel appliance operating practice and efficient combustion – how to identify suitable solid mineral and wood fuel and its storage in accordance with manufacturer's instructions – how to identify, report and resolve problems that could affect the installation process – how to complete all records and documentation in line with statutory and organisational requirements – how to work safely with, around and in close proximity to plant and machinery.			
	7.10 Describe the principles of combustion to include: - adequate fuel quality - combustion temperature - sufficient combustion air - combustion performance effects on emissions.			

J/650/6201	Connecting solid fuel appliances to a flue system in the workplace (Continued)	Level 2	15 Credits
825v1			

	7.11 Describe the principles of chimney flue draught and design to include: - mechanical ventilation - natural flue draught (convection) - forced flue draught (mechanical) - effective flue height - effective flue area - impact of bends and restrictions - interaction with building envelope and topography - meteorological effects.			
	7.12 Describe the needs of other occupations associated with connecting solid fuel appliances to a flue system.			
	7.13 Explain the importance of teamwork and communication and organisational procedures with respect to site behaviours, and how to challenge inappropriate site behaviours.			
Assessor Comments/Feedback				

H/650/6193	Constructing prefabricated block chimneys in the workplace	Level 2	15 Credits
51v3			

The aim of this unit is to ensure the individual has the skills and knowledge to install the following to working instructions:

- prefabricated block chimneys
- permanent and temporary chimney support
- Inspect and test following the installation

Glossary of Terms

A description of terms in **bold font** in this NVQ unit should be used as a reference point, these can be found on Page 53

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.ref.no		
1 Interpret the information relating to the work and resources when constructing prefabricated block chimneys	1.1 Interpret and extract relevant information from: – documentation and specifications – drawings – schedules – contract information – pre-installation surveys – method statements – risk assessments.			
	1.2 Comply with information and/or instructions derived from risk assessments and method statements.			
	1.3 Describe why the organisational procedures have been developed 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: – documentation and specifications – drawings – schedules – contract information – pre-installation surveys – risk assessments – method statements.			
	1.5 The range of relevant digital services, tools and systems, and how they are used.			
	1.6 The importance of organisational procedures to solve problems with the information and why it is important to follow them.			
2 Know how to comply with environmentally responsible work practices to meet current legislation and official guidance when constructing prefabricated block chimneys	2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment, in relation to working: – in the workplace – below ground level – in confined spaces – at height – with tools and equipment – with materials and substances – whilst moving and storing materials by manual handling and mechanical lifting.			
	2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to: – operative – site – workplace – vehicles – company – customer – the general public – other occupations in the workplace.			

H/650/6193	Constructing prefabricated block chimneys in the workplace (Continued)	Level 2	15 Credits
51v3			

	2.3	Explain the accident reporting procedures and who is responsible for making reports.			
	2.4	Describe the types of fire extinguishers and how and when they are used in relation to: – water – CO₂ – Foam – powder.			
3 Maintain safe and healthy work practices when constructing prefabricated block chimneys	3.1	Describe the information for relevant, current legislation and official guidance and how it is applied.			
	3.2	Use health and safety control equipment safely and comply with the methods of work to carry out the work in accordance with the task being undertaken, the working environment, the relevant legislation and official guidance.			
	3.3	Demonstrate compliance with relevant legislation and official guidance relating to the following: – safe use of access equipment and working platforms – safe use, storage and handling of materials, tools and equipment – specific risks to health including mental health – specific risks associated with asbestos containing materials – specific risks associated with silica dust, mortars and sealants.			
	3.4	Explain why, when and how health and safety control equipment, identified by the principles of prevention should be used in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).			
	3.5	Describe how the relevant health and safety control equipment should be used in accordance with the work instructions.			
	3.6	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills in relation to: – fires, spillages, injuries – emergencies relating to occupational activities – identification of and reporting of asbestos containing materials.			
	3.7	Describe how to report risks and hazards identified by the following: – risk assessment – methods of work – personal assessment – manufacturers' technical information – statutory regulations – official guidance – Control of Substances Hazardous to Health (COSHH).			

H/650/6193	Constructing prefabricated block chimneys in the workplace (Continued)	Level 2	15 Credits
51v3			

4	Select the required quantity and quality of resources for the methods of work to construct prefabricated block chimneys	4.1	Select resources associated with own work in relation to: – materials, components and fixings – tools and equipment – access equipment.			
		4.2	Describe why the characteristics, quality, uses, sustainability, limitations and defects associated with the resources are important and how defects should be rectified.			
		4.3	Describe how to confirm that the resources and materials conform with the specification.			
		4.4	Describe how the resources should be used and how any problems associated with the resources are reported in relation to: – blocks – throatings – exit blocks – lintels – fire cement – cement – sand – lime – additives – fixings – fittings – silicone and other sealant – adhesives – tools – equipment.			
		4.5	Explain the organisational procedures to select resources, why they have been developed and how they are used.			
		4.6	Describe how to identify any potential hazards associated with the resources and methods of work and how they are overcome.			
		4.7	Describe how to calculate the quantity, length and wastage associated with the method and procedure to construct prefabricated block chimneys.			
5	Minimise the risk of damage to the work and surrounding area when constructing prefabricated block chimneys	5.1	Comply with organisational procedures to protect the work and its surrounding area from damage by: – maintaining a safe, clear and tidy work area – disposing of waste in accordance with current legislation and industry best practice.			
		5.2	Explain why it is important to maintain a safe, clear and tidy work area .			
		5.3	Describe how to protect work and its surrounding area from damage and the purpose of protection from general workplace activities, other occupations and adverse weather conditions and how to minimise the damage to existing building fabric.			

H/650/6193	Constructing prefabricated block chimneys in the workplace (Continued)	Level 2	15 Credits
51v3			

	5.4 Explain why and how the disposal of waste must be carried out safely in accordance with the following: – environmental responsibilities – organisational procedures – manufacturers' information – statutory regulations – official guidance.			
6 Complete the work within the allocated time when constructing prefabricated block chimneys	6.1 Demonstrate completion of the work within the estimated, allocated time.			
	6.2 Describe the programme of work to be carried out including the estimated and allocated time and explain why deadlines should be kept in relation to: – the types of progress charts, timetables and estimated times – the organisational procedures for reporting circumstances which will affect the work programme.			
7 Comply with the contract information to carry out the work efficiently to the required specification.	7.1 Demonstrate the following work skills: – preparing – inspecting – measuring – marking out – cutting out – fitting – finishing – positioning and securing.			
	7.2 Use and maintain: – all hand tools and power tools – ancillary equipment.			
	7.3 Install the following to working instructions: – prefabricated block chimneys – permanent and temporary chimney support – Inspect and test following the installation.			
	7.4 Describe how the methods of work to meet the specification, are carried out and how problems are identified and reported by the application of knowledge for safe, healthy and environmental work practices, procedures and skills relating to the method and area of work in relation to the following: – how to install prefabricated block chimneys for all types of energy flue systems, excluding condensing appliances – why it is important to minimise the amount of bends in the system – why it is important to select the correct flue diameter – why it is important that the flue terminates in an appropriate position – how to provide access for inspection and maintenance – how and why it is important to provide permanent and temporary support – how to provide suitable connection to existing structures – how to work safely with, around and in close proximity to plant and machinery			

H/650/6193	Constructing prefabricated block chimneys in the workplace (Continued)	Level 2	15 Credits
51v3			

	– how to identify and follow the installation quality requirements – how to work at height using access equipment – how to use hand and power tools and equipment – how and why operative care and maintenance of hand and power tools and equipment is carried out.			
	7.5 Describe the needs of other occupations associated with constructing prefabricated block chimneys.			
	7.6 Explain the importance of teamwork and communication and organisational procedures with respect to site behaviours and how to respond to inappropriate site behaviours.			

Assessor Comments/Feedback

J/650/6194	Lining chimney structures with cast material in the workplace	Level 2	17 Credits
52v3			

The aim of this unit is to ensure the individual has the skills and knowledge to install cast in-situ chimney linings to working instructions.

Glossary of Terms

A description of terms in **bold font** in this NVQ unit should be used as a reference point, these can be found on Page 53

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.ref.no		
1 Interpret the information relating to the work and resources when lining chimney structures with cast material	1.1 Interpret and extract relevant information from: – documentation and specifications – drawings – schedules – contract information – pre-installation surveys – risk assessments – method statements.			
	1.2 Comply with information and/or instructions derived from risk assessments and method statements.			
	1.3 Describe why the organisational procedures have been developed 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: – documentation and specifications – drawings – schedules – contract information – pre-installation surveys – risk assessments – method statements.			
	1.5 The range of relevant digital services, tools and systems, and how they are used.			
	1.6 The importance of organisational procedures to solve problems with the information, and why it is important to follow them.			
2 Know how to comply with environmentally responsible work practices to meet current legislation and official guidance when lining chimney structures with cast material	2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment, in relation to working: – in the workplace – below ground level – in confined spaces – at height – with tools and equipment – with materials and substances – whilst moving and storing materials by manual handling and mechanical lifting.			
	2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to: – operative – site – workplace – vehicles – company – customer – the general public – other occupations in the workplace.			

J/650/6194	Lining chimney structures with cast material in the workplace (Continued)	Level 2	17 Credits
52v3			

	2.3	Explain the accident reporting procedures and who is responsible for making reports.			
	2.4	Describe the types of fire extinguishers and how and when they are used in relation to: – water – CO₂ – Foam – powder.			
3 Maintain safe and healthy work practices when lining chimney structures with cast material	3.1	Describe the information for relevant, current legislation and official guidance and how it is applied.			
	3.2	Use health and safety control equipment safely and comply with the methods of work to carry out the work in accordance with the task being undertaken, the working environment, the relevant legislation and official guidance.			
	3.3	Demonstrate compliance with relevant legislation and official guidance relating to the following: – safe use of access equipment and working platforms – safe use, storage and handling of materials, tools and equipment – specific risks to health including mental health – specific risks associated with asbestos containing materials – specific risks associated with silica dust, mortars and sealants.			
	3.4	Explain why, when and how health and safety control equipment, identified by the principles of prevention should be used in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).			
	3.5	Describe how the relevant health and safety control equipment should be used in accordance with the work instructions.			
	3.6	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills in relation to: – fires, spillages, injuries – emergencies relating to occupational activities – identification of and reporting of asbestos containing materials.			
	3.7	Describe how to report risks and hazards identified by the following: – risk assessment – methods of work – personal assessment – manufacturers' technical information – statutory regulations – official guidance – Control of Substances Hazardous to Health (COSHH).			

J/650/6194	Lining chimney structures with cast material in the workplace (Continued)	Level 2	17 Credits
52v3			

4	Select the required quantity and quality of resources for the methods of work to line chimney structures with cast material	4.1	Select resources associated with own work in relation to: – materials, components and fixings – tools and equipment – access equipment.			
		4.2	Describe why the characteristics, quality, uses, sustainability, limitations and defects associated with the resources are important and how defects should be rectified.			
		4.3	Describe how to confirm that the resources and materials conform with the specification.			
		4.4	Describe how the resources should be used and how any problems associated with the resources are reported in relation to: – lining components – lining compounds – fast setting compounds – mortars – cements – void formers and spacers – fixings – fittings – mixing and pumping equipment – tools – equipment.			
		4.5	Explain the organisational procedures to select resources, why they have been developed and how they are used.			
		4.6	Describe how to identify any potential hazards associated with the resources and methods of work and how they are overcome.			
		4.7	Describe how to calculate the quantity, length and wastage associated with the method and procedure to line chimney structures with cast material.			
5	Minimise the risk of damage to the work and surrounding area when lining chimney structures with cast material	5.1	Comply with organisational procedures to protect the work and its surrounding area from damage by: – maintaining a safe, clear and tidy work area – disposing of waste in accordance with current legislation and industry best practice.			
		5.2	Explain why it is important to maintain a safe, clear and tidy work area .			
		5.3	Describe how to protect work and its surrounding area from damage and the purpose of protection from general workplace activities, other occupations and adverse weather conditions and how to minimise the damage to existing building fabric.			
		5.4	Explain why and how the disposal of waste must be carried out safely in accordance with the following: – environmental responsibilities – organisational procedures – manufacturers' information – statutory regulations – official guidance.			

J/650/6194	Lining chimney structures with cast material in the workplace (Continued)	Level 2	17 Credits
52v3			

6	Complete the work within the allocated time when lining chimney structures with cast material	6.1 Demonstrate completion of the work within the estimated, allocated time.			
		6.2 Describe the programme of work to be carried out including the estimated and allocated time and explain why deadlines should be kept in relation to: – the types of progress charts, timetables and estimated times – the organisational procedures for reporting circumstances which will affect the work programme.			
7	Comply with the contract information to carry out the work efficiently to the required specification.	7.1 Demonstrate the following work skills: – inspecting – preparing – removing – measuring – marking out – scraping – cutting – mixing – cleaning – applying and finishing.			
		7.2 Use and maintain: – all hand tools and power tools – ancillary equipment.			
		7.3 Install cast in-situ chimney linings to working instructions.			
		7.4 Describe how the methods of work to meet the specification, are carried out and how problems are identified and reported by the application of knowledge for safe, healthy and environmental work practices, procedures and skills relating to the method and area of work in relation to the following: – how to inspect, prepare and repair chimney structures – how to install cast in-situ linings – how to provide permanent and temporary support – why it is important to select the correct flue diameter – why it is important that the flue terminates in an appropriate position – how to provide access for inspection and maintenance – why it is important to provide permanent and temporary support – the relevance of an assessment of significance and how to recognise specific requirements for structures of special interest, traditional construction, hard-to-treat buildings and historical significance – how to work safely with, around and in close proximity to plant and machinery – how to identify and follow the installation quality requirements – how to use hand tool and power tools and equipment including mixing and pumping equipment – how to work at height using access equipment – how and why operative care and maintenance of work tools and equipment is carried out.			

J/650/6194	Lining chimney structures with cast material in the workplace (Continued)	Level 2	17 Credits
52v3			

	7.5	Describe the needs of other occupations associated with lining chimney structures with cast material.			
	7.6	Explain the importance of teamwork and communication and organisational procedures with respect to site behaviours and how to respond to inappropriate site behaviours.			

Assessor Comments/Feedback

K/650/6195	Erecting metal chimneys in the workplace	Level 2	18 Credits
53v4			

The aim of this unit is to ensure the individual has the skills and knowledge to erect internal or external mechanically joined chimney structures to working and manufacturer's instructions .

Glossary of Terms

A description of terms in **bold font** in this NVQ unit should be used as a reference point, these can be found on Page 53

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.ref.no		
1 Interpret the information relating to the work and resources when erecting metal chimneys in the workplace	1.1 Interpret and extract relevant information from: – documentation and specifications – drawings – schedules – contract information – pre-installation surveys – method statements – risk assessments.			
	1.2 Comply with information and/or instructions derived from risk assessments and method statements.			
	1.3 Describe why the organisational procedures have been developed 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: – documentation and specifications – drawings – schedules – contract information – pre-installation surveys – risk assessments – method statements.			
	1.5 The range of relevant digital services, tools and systems, and how they are used.			
	1.6 The importance of organisational procedures to solve problems with the information, and why it is important to follow them.			
2 Know how to comply with environmentally responsible work practices to meet current legislation and official guidance when erecting metal chimneys in the workplace	2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment, in relation to working: – in the workplace – below ground level – in confined spaces – at height – with tools and equipment – with materials and substances – whilst moving and storing materials by manual handling and mechanical lifting.			
	2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to: – operative – site – workplace – vehicles – company – customer – the general public – other occupations in the workplace.			

K/650/6195	Erecting metal chimneys in the workplace (Continued)	Level 2	18 Credits
53v4			

	2.3	Explain the accident reporting procedures and who is responsible for making reports.			
	2.4	Describe the types of fire extinguishers and how and when they are used in relation to: – water – CO₂ – Foam – powder.			
3 Maintain safe and healthy work practices when erecting metal chimneys in the workplace	3.1	Describe the information for relevant, current legislation and official guidance and how it is applied.			
	3.2	Use health and safety control equipment safely and comply with the methods of work to carry out the work in accordance with the task being undertaken, the working environment, the relevant legislation and official guidance.			
	3.3	Demonstrate compliance with relevant legislation and official guidance relating to the following: – safe use of access equipment and working platforms – safe use, storage and handling of materials, tools and equipment – specific risks to health including mental health – specific risks associated with asbestos containing materials – specific risks associated with silica dust, mortars and sealants.			
	3.4	Explain why, when and how health and safety control equipment, identified by the principles of prevention should be used in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).			
	3.5	Describe how the relevant health and safety control equipment should be used in accordance with the work instructions.			
	3.6	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills in relation to: – fires, spillages, injuries – emergencies relating to occupational activities – identification of and reporting of asbestos containing materials.			
	3.7	Describe how to report risks and hazards identified by the following: – risk assessment – methods of work – personal assessment – manufacturers' technical information – statutory regulations – official guidance – Control of Substances Hazardous to Health (COSHH).			

K/650/6195	Erecting metal chimneys in the workplace (Continued)	Level 2	18 Credits
53v4			

4	Select the required quantity and quality of resources for the methods of work to erect metal chimneys in the workplace	4.1	Select resources associated with own work in relation to: – materials, components, fixings, anchors and ties – tools and equipment – access equipment.			
		4.2	Describe why the characteristics, quality, uses, sustainability, limitations and defects associated with the resources are important and how defects should be rectified.			
		4.3	Describe how to confirm that the resources and materials conform with the specification.			
		4.4	Describe how the resources should be used and how any problems associated with the resources are reported in relation to: – metal chimney components – ventilated fire stops – wall sleeves – boxing and access materials – jointing materials – sealants – fixings – anchors – ties – fittings – tools – equipment.			
		4.5	Explain the organisational procedures to select resources, why they have been developed and how they are used.			
		4.6	Describe how to identify any potential hazards associated with the resources and methods of work and how they are overcome.			
		4.7	Describe how to calculate the quantity, length and wastage associated with the method and procedure to erect metal chimneys.			
5	Minimise the risk of damage to the work and surrounding area when erecting metal chimneys in the workplace	5.1	Comply with organisational procedures to protect the work and its surrounding area from damage by: – maintaining a safe, clear and tidy work area – disposing of waste in accordance with current legislation and industry best practice.			
		5.2	Explain why it is important to maintain a safe, clear and tidy work area .			
		5.3	Describe how to protect work and its surrounding area from damage and the purpose of protection from general workplace activities, other occupations and adverse weather conditions and how to minimise the damage to existing building fabric.			
		5.4	Explain why and how the disposal of waste must be carried out safely in accordance with the following: – environmental responsibilities – organisational procedures – manufacturers' information – statutory regulations – official guidance.			

K/650/6195	Erecting metal chimneys in the workplace (Continued)	Level 2	18 Credits
53v4			

6	Complete the work within the allocated time when erecting metal chimneys in the workplace	6.1	Demonstrate completion of the work within the estimated, allocated time.			
		6.2	Describe the programme of work to be carried out including the estimated and allocated time and explain why deadlines should be kept in relation to: – the types of progress charts, timetables and estimated times – the organisational procedures for reporting circumstances which will affect the work programme.			
7	Comply with the contract information to carry out the work efficiently to the required specification.	7.1	Demonstrate the following work skills: – measuring – marking out – fitting – positioning and securing – finishing.			
		7.2	Use and maintain: – all hand tools and power tools – ancillary equipment.			
		7.3	Erect internal or external mechanically joined chimney structures to working and manufacturer's instructions.			
		7.4	Describe how the methods of work to meet the specification, are carried out and how problems are identified and reported by the application of knowledge for safe, healthy and environmental work practices, procedures and skills relating to the method and area of work in relation to the following: – how to erect and dismantle internal and external mechanically joined metal chimney structures – how to provide temporary and permanent support – Why it is important to provide temporary and permanent support – the importance of flue designation and how to check that the flue is compatible with the appliance and its intended use – the importance of how the flue passes through floors, internal and external walls including ventilated fire stops and wall sleeves – why it is important to meet the distance to combustibles requirement including maintaining a distance between boxing in and cages – why it is important to minimise the amount of bends in the system – why it is important to select the correct flue diameter – why it is important that the flue terminates in an appropriate position – how to provide access for inspection and maintenance – how to carry out remedial preparation and making good to the building structure – how to install and test anchors and ties – how to work with lifting equipment and accessories – the relevance of an assessment of significance and how to recognise, specific requirements for structures of special interest, traditional construction, hard-to-treat buildings and historical significance			

K/650/6195	Erecting metal chimneys in the workplace (Continued)	Level 2	18 Credits
53v4			

	– how to work safely with, around and in close proximity to plant and machinery – how to identify and follow the installation quality requirements – how to use hand and power tools and equipment – how to work at height using access equipment – how and why operative care and maintenance of hand and power tools and equipment is carried out.			
	7.5 Describe the needs of other occupations associated with erecting metal chimneys in the workplace.			
	7.6 Explain the importance of teamwork and communication and organisational procedures with respect to site behaviours and how to respond to inappropriate site behaviours.			

Assessor Comments/Feedback

M/650/6197	Line chimney structures and flues with flexible liners in the workplace	Level 2	13 Credits
54v3			

The aim of this unit is to ensure the individual has the skills and knowledge to inspect, prepare and install flexible chimney liners to working instructions

Glossary of Terms

A description of terms in **bold font** in this NVQ unit should be used as a reference point, these can be found on Page 53

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.ref.no		
1 Interpret the information relating to the work and resources when lining chimney structures and flues with flexible liners	1.1 Interpret and extract relevant information from: – documentation and specifications – drawings – schedules – contract information – pre-installation surveys – method statements – risk assessments.			
	1.2 Comply with information and/or instructions derived from risk assessments and method statements.			
	1.3 Describe why the organisational procedures have been developed 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: – documentation and specifications – drawings – schedules – contract information – pre-installation surveys – risk assessments – method statements.			
	1.5 The range of relevant digital services, tools and systems, and how they are used.			
	1.6 The importance of organisational procedures to solve problems with the information, and why it is important to follow them.			
2 Know how to comply with environmentally responsible work practices to meet current legislation and official guidance when lining chimney structures and flues with flexible liners	2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment, in relation to working: – in the workplace – below ground level – in confined spaces – at height – with tools and equipment – with materials and substances – whilst moving and storing materials by manual handling and mechanical lifting.			
	2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to: – operative – site – workplace – vehicles – company – customer – the general public – other occupations in the workplace.			

M/650/6197	Line chimney structures and flues with flexible liners in the workplace (Continued)	Level 2	13 Credits
54v3			

	2.3	Explain the accident reporting procedures and who is responsible for making reports.			
	2.4	Describe the types of fire extinguishers and how and when they are used in relation to: – water – CO₂ – Foam – powder.			
3	Maintain safe and healthy work practices when lining chimney structures and flues with flexible liners	3.1	Describe the information for relevant, current legislation and official guidance and how it is applied.		
		3.2	Use health and safety control equipment safely and comply with the methods of work to carry out the work in accordance with the task being undertaken, the working environment, the relevant legislation and official guidance.		
		3.3	Demonstrate compliance with relevant legislation and official guidance relating to the following: – safe use of access equipment and working platforms – safe use, storage and handling of materials, tools and equipment – specific risks to health including mental health – specific risks associated with asbestos containing materials – specific risks associated with silica dust, mortars and sealants.		
		3.4	Explain why, when and how health and safety control equipment, identified by the principles of prevention should be used in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).		
		3.5	Describe how the relevant health and safety control equipment should be used in accordance with the work instructions.		
		3.6	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills in relation to: – fires, spillages, injuries – emergencies relating to occupational activities – identification of and reporting of asbestos containing materials.		
		3.7	Describe how to report risks and hazards identified by the following: – risk assessment – methods of work – personal assessment – manufacturers' technical information – statutory regulations – official guidance – Control of Substances Hazardous to Health (COSHH).		

M/650/6197	Line chimney structures and flues with flexible liners in the workplace (Continued)	Level 2	13 Credits
54v3			

4	Select the required quantity and quality of resources for the methods of work to line chimney structures and flues with flexible liners	4.1	Select resources associated with own work in relation to: – materials, components and fixings – tools and equipment – access equipment.			
		4.2	Describe why the characteristics, quality, uses, sustainability, limitations and defects associated with the resources are important and how defects should be rectified.			
		4.3	Describe how to confirm that the resources and materials conform with the specification.			
		4.4	Describe how the resources should be used and how any problems associated with the resources are reported in relation to: – flexible liners – backfill – insulation materials – sands, mortars, cements and compounds – fixings and fittings – support components – closure plates – adaptors – tools – equipment.			
		4.5	Explain the organisational procedures to select resources, why they have been developed and how they are used.			
		4.6	Describe how to identify any potential hazards associated with the resources and methods of work and how they are overcome.			
		4.7	Describe how to calculate the quantity, length and wastage associated with the method and procedure to line chimney structures and flues with flexible liners.			
5	Minimise the risk of damage to the work and surrounding area when lining chimney structures and flues with flexible liners	5.1	Comply with organisational procedures to protect the work and its surrounding area from damage by: – maintaining a safe, clear and tidy work area – disposing of waste in accordance with current legislation and industry best practice.			
		5.2	Explain why it is important to maintain a safe, clear and tidy work area .			
		5.3	Describe how to protect work and its surrounding area from damage and the purpose of protection from general workplace activities, other occupations and adverse weather conditions and how to minimise the damage to existing building fabric.			
		5.4	Explain why and how the disposal of waste must be carried out safely in accordance with the following: – environmental responsibilities – organisational procedures – manufacturers' information – statutory regulations – official guidance.			

M/650/6197	Line chimney structures and flues with flexible liners in the workplace (Continued)	Level 2	13 Credits
54v3			

6	Complete the work within the allocated time when lining chimney structures and flues with flexible liners	6.1	Demonstrate completion of the work within the estimated, allocated time.			
		6.2	Describe the programme of work to be carried out including the estimated and allocated time and explain why deadlines should be kept in relation to: – the types of progress charts, timetables and estimated times – the organisational procedures for reporting circumstances which will affect the work programme.			
7	Comply with the contract information to carry out the work efficiently to the required specification.	7.1	Demonstrate the following work skills: – removing – measuring – cutting – mixing – positioning – securing and finishing.			
		7.2	Use and maintain: – all hand tools and power tools – ancillary equipment.			
		7.3	Assess suitability and identify remedial repairs.			
		7.4	Inspect, prepare and install flexible chimney liners to working instructions.			
		7.5	Describe how the methods of work to meet the specification, are carried out and how problems are identified and reported by the application of knowledge for safe, healthy and environmental work practices, procedures and skills relating to the method and area of work in relation to the following: – how and why it is important to inspect and prepare chimney structures and identify remedial work – how to install flexible liners for designated fuel types – how to provide permanent and temporary support – why it is important to provide permanent and temporary support – why it is important to select the correct flue diameter – why it is important that the flue terminates in an appropriate position – the importance of flue designation and how to check that the flue is compatible with the appliance and its intended use – how to provide access for inspection and maintenance – the relevance of an assessment of significance and how to recognise, specific requirements for structures of special interest, traditional construction, hard-to-treat buildings and historical significance – how to work safely with, around and in close proximity to plant and machinery – how to remove and replace chimney pots – how to use hand and power tools and equipment – how to work at height using access equipment – how and why operative care and maintenance of hand and power tools and equipment is carried out.			

M/650/6197	Line chimney structures and flues with flexible liners in the workplace (Continued)	Level 2	13 Credits
54v3			

	7.6 Describe the needs of other occupations associated with lining chimney structures and flues with flexible liners.			
	7.7 Explain the importance of teamwork and communication and organisational procedures with respect to site behaviours and how to respond to inappropriate site behaviours.			

Assessor Comments/Feedback

R/650/6198	Applying sealant to chimney structures in the workplace	Level 2	17 Credits
55v3			

The aim of this unit is to ensure the individual has the skills and knowledge to apply sealant by spray method or thin coating application method for internal chimney surfaces.

Glossary of Terms

A description of terms in **bold font** in this NVQ unit should be used as a reference point, these can be found on Page 53

Learning outcome. The learner will:	Assessment criteria. The learner can:	Evidence.ref.no		
1 Interpret the information relating to the work and resources when applying sealant to chimney structures	1.1 Interpret and extract relevant information from: – documentation and specifications – drawings – schedules – contract information – pre-installation surveys – method statements – risk assessments.			
	1.2 Comply with information and/or instructions derived from risk assessments and method statements.			
	1.3 Describe why the organisational procedures have been developed 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: – documentation and specifications – drawings – schedules – contract information – pre-installation surveys – risk assessments – method statements.			
	1.5 The range of relevant digital services, tools and systems, and how they are used.			
	1.6 The importance of organisational procedures to solve problems with the information, and why it is important to follow them.			
2 Know how to comply with environmentally responsible work practices to meet current legislation and official guidance when applying sealant to chimney structures	2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment, in relation to working: – in the workplace – below ground level – in confined spaces – at height – with tools and equipment – with materials and substances – whilst moving and storing materials by manual handling and mechanical lifting.			
	2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to: – operative – site – workplace – vehicles – company – customer – the general public – other occupations in the workplace.			

R/650/6198	Applying sealant to chimney structures in the workplace (Continued)	Level 2	17 Credits
55v3			

	2.3	Explain the accident reporting procedures and who is responsible for making reports.			
	2.4	Describe the types of fire extinguishers and how and when they are used in relation to: – water – CO₂ – Foam – powder.			
3	Maintain safe and healthy work practices when applying sealant to chimney structures.	3.1	Describe the information for relevant, current legislation and official guidance and how it is applied.		
		3.2	Use health and safety control equipment safely and comply with the methods of work to carry out the work in accordance with the task being undertaken, the working environment, the relevant legislation and official guidance.		
		3.3	Demonstrate compliance with relevant legislation and official guidance relating to the following: – safe use of access equipment and working platforms – safe use, storage and handling of materials, tools and equipment – specific risks to health including mental health – specific risks associated with asbestos containing materials – specific risks associated with silica dust, mortars and sealants.		
		3.4	Explain why, when and how health and safety control equipment, identified by the principles of prevention should be used in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).		
		3.5	Describe how the relevant health and safety control equipment should be used in accordance with the work instructions.		
		3.6	Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills in relation to: – fires, spillages, injuries – emergencies relating to occupational activities – identification of and reporting of asbestos containing materials.		
		3.7	Describe how to report risks and hazards identified by the following: – risk assessment – methods of work – personal assessment – manufacturers’ technical information – statutory regulations – official guidance – Control of Substances Hazardous to Health (COSHH).		

R/650/6198	Applying sealant to chimney structures in the workplace (Continued)	Level 2	17 Credits
55v3			

4	Select the required quantity and quality of resources for the methods of work to apply sealant to chimney structures	4.1	Select resources associated with own work in relation to: – materials, components and fixings – tools and equipment – access equipment.			
		4.2	Describe why the characteristics, quality, uses, sustainability, limitations and defects associated with the resources are important and how defects should be rectified.			
		4.3	Describe how to confirm that the resources and materials conform with the specification.			
		4.4	Describe how the resources should be used and how any problems associated with the resources are reported in relation to: – sealant components – sands – mortars – cements – ceramics – resins and additives – fixings and fittings – hand tools, material application equipment and ancillary items.			
		4.5	Explain the organisational procedures to select resources, why they have been developed and how they are used.			
		4.6	Describe how to identify any potential hazards associated with the resources and methods of work and how they are overcome.			
		4.7	Describe how to calculate the quantity, length and wastage associated with the method and procedure to apply sealant to chimney structures.			
5	Minimise the risk of damage to the work and surrounding area when applying sealant to chimney structures	5.1	Comply with organisational procedures to protect the work and its surrounding area from damage by: – maintaining a safe, clear and tidy work area – disposing of waste in accordance with current legislation and industry best practice.			
		5.2	Explain why it is important to maintain a safe, clear and tidy work area .			
		5.3	Describe how to protect work and its surrounding area from damage and the purpose of protection from general workplace activities, other occupations and adverse weather conditions and how to minimise the damage to existing building fabric.			
		5.4	Explain why and how the disposal of waste must be carried out safely in accordance with the following: – environmental responsibilities – organisational procedures – manufacturers' information – statutory regulations – official guidance.			

R/650/6198	Applying sealant to chimney structures in the workplace (Continued)	Level 2	17 Credits
55v3			

6	Complete the work within the allocated time when applying sealant to chimney structures	6.1 Demonstrate completion of the work within the estimated, allocated time.			
		6.2 Describe the programme of work to be carried out including the estimated and allocated time and explain why deadlines should be kept in relation to: – the types of progress charts, timetables and estimated times – the organisational procedures for reporting circumstances which will affect the work programme.			
7	Comply with the contract information to carry out the work efficiently to the required specification.	7.1 Demonstrate the following work skills: – inspecting – removing – measuring – reaming – scraping – mixing – applying and finishing.			
		7.2 Use and maintain: – all hand tools and power tools – ancillary equipment.			
		7.3 Apply sealant by spray method or thin coating application method for internal chimney surfaces.			
		7.4 Dismantle and clean spray equipment or thin coating application equipment.			
		7.5 Describe how the methods of work to meet the specification, are carried out and how problems are identified and reported by the application of knowledge for safe, healthy and environmental work practices, procedures and skills relating to the method and area of work in relation to the following: – how to prepare internal chimney structures – how to load and operate spray equipment – how to operate thin coat application equipment – how to apply sealant material to internal chimney surfaces – how to dismantle, clean and maintain spray equipment or thin coat application equipment – why it is important to maintain the correct flue size – why it is important that the flue terminates in an appropriate position – how to provide access for inspection and maintenance – the relevance of an assessment of significance and how to recognise specific requirements for structures of special interest, traditional construction, hard-to-treat buildings and historical significance – how to work safely with, around and in close proximity to plant and machinery – how to identify and follow the installation requirements – how to use hand and power tools and plant equipment – how to work at height using access equipment and working platforms – how and why operative care and maintenance of hand and power tools and plant equipment is carried out.			

R/650/6198	Applying sealant to chimney structures in the workplace (Continued)	Level 2	17 Credits
55v3			

	7.6 Describe the needs of other occupations associated with applying sealant to chimney structures.			
	7.7 Explain the importance of teamwork and communication and organisational procedures with respect to site behaviours and how to respond to inappropriate site behaviours.			

Assessor Comments/Feedback

Glossary

Organisational procedures

Organisational

Insurances – public, product and employers liability, professional indemnity

Company documents

contract for the work, safety management plan, CDM, environmental policy, complaints procedure, information privacy and security policy, management structure

Work area

The area where the equipment will be installed and all areas affected by the work extending to topographical features and meteorological conditions

Services and systems

Chimney and flue systems, appliances, ventilation systems and appropriate utilities

Documentation and specifications

Manufacturers' instructions for all equipment that forms part of the work

architect's plans and site-specific documentation

local building rules and regulations

Party Wall legislation

Clean Air Act

Environment Act

Smoke Control Zones

Permitted Development

Conservation Areas

Heritage status

Areas of Outstanding Natural Beauty

Sites of Special Scientific Interest

specific requirements of insurance underwriters

Building regulations in England and Wales, particularly ADJ but also ADA, ADB, ADF, ADL and AD7

Building Standards Technical Handbook in Scotland

Technical Booklets in Northern Ireland, particularly B, D, E, F1, F2, K and L

BSEN's particularly 8303, 15287, 1856, 16510, 1251, 3376, 4834, 12815, 13229, 13240, 15250

Note: Technical and BSEN documents may be withdrawn or superseded during review programmes, it is therefore important to check the currency and validity of all such documents to ensure the correct version is being referenced.

Appliances

Solid fuel burning appliances up to 50kW output including but not limited to the following:

- open fires
- free standing room heaters
- inset room heaters
- free standing cookers
- independent boilers
- slow heat release stoves



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