PART OF nocn GROUP

QUALIFICATION SPECIFICATION

NOCN_Cskills Awards Level 3 NVQ Diploma in Trowel Occupations (Construction)

Qualification No: **603/5461/6**

Operational Start Date

7th July 2020

To know more about NOCN:

- Visit the NOCN website: www.nocn.org.uk
- Call the Customer Service Team: 0300 999 1177

NOCN_Cskills Awards Level 3 NVQ Diploma in Trowel Occupations (Construction)

Reference : 603/5461/6

Total Qualification Time (TQT) : 1470

Award Code : QUA814

Minimum Age : 16

Level : Level 3

Registration Start Date : 1/8/2020

UCAS Points: 8

Qualification Overview

The NOCN_Cskills Awards Level 3 NVQ Diploma in Trowel Occupations (Construction) qualification has been developed for achievement in a real workplace environment which means the learner must be employed to undertake this qualification.

This qualification enables the learner, to recognise their skills, knowledge and understanding as well as demonstrating their competence in the workplace when carrying out the role of a bricklayer.

Topics Covered In This Qualification

This NOCN_Cskills Awards Level 3 NVQ Diploma in Trowel Occupations (Construction) qualification supports the learner to attain enabling, fundamental and transferable practical skills with associated underpinning knowledge.

The learner will learn key practical skills and knowledge in these mandatory and optional units

Please refer to the qualification specification for a complete list of the units included in this qualification.

Entry Requirements

There are no formal entry requirements to take this NOCN_Cskills Awards Level 3 NVQ Diploma in Trowel Occupations (Construction) qualification. This qualification can be undertaken without any previous training or qualifications in this subject area.

Progression

On completion of the NOCN_Cskills Awards Level 3 NVQ Diploma in Trowel Occupations (Construction) qualification the learner will have obtained the skills, knowledge and understanding and demonstrated competence to progress on to a higher level qualification in the same or similar occupational area.

Further training and/or experience could enable entry into supervisory and management positions within the workplace.

Industry will accept the qualification on its own as entry to a job role.

Qualification Structure

Total Qualification Time (TQT) for this qualification: 1470

An estimate of the total time it could reasonably be expected for a learner to achieve a qualification. TQT includes guided learning hours (GLH) plus an estimate of the time a learner is likely to spend in preparation, study or other learning activities as directed by but not under the immediate guidance of a lecturer, supervisor, or tutor.

Minimum Guided Learning Hours (GLH) for this qualification: 757

The time a learner spends in activities under the immediate guidance or supervision of a lecturer, supervisor,or tutor. This includes assessment if under supervision.

Qualification Structure:

The NOCN_Cskills Awards Level 3 NVQ Diploma in Trowel Occupations (Construction) qualification structure below specifies the combination of units that need to be achieved for the individual to be awarded the qualification.

This qualification consists of eight (8) mandatory units and four (4) optional units.

In order to achieve/pass this qualification learners must successfully complete/achieve all eight (8) Mandatory units and one (1) Optional unit.

Units

Qualification Structure : To achieve this qualification a minimum of 9 units need to be attained. This comprises of 8 units from the Mandatory Group and 1 unit from the Optional Group.

Mandatory Group : The learner must achieve 8 units in this group.

Title	Reference	Credit Value	Level
Setting Out to Form Masonry Structures in the Workplace	R/617/9383	23	Level 2
Erecting masonry to form architectural and decorative structures in the workplace	A/617/9409	35	Level 3
Erecting masonry structures in the workplace	L/617/9382	31	Level 2
Erecting Masonry Cladding in the Workplace	Y/617/9384	24	Level 2
Developing and Maintaining Good Occupational Working Relationships in the Workplace	Y/617/9062	8	Level 3
Conforming to General Health, Safety and Welfare in the Workplace	A/503/1170	2	Level 1
Confirming Work Activities and Resources for an Occupational Work Area in the Workplace	A/503/2772	10	Level 3
Confirming the Occupational Method of Work in the Workplace	R/503/2924	11	Level 3

Optional Group : The learner must achieve a minimum of one unit within this group.

Title	Reference	Credit Value	Level
Repairing and maintaining masonry structures in the workplace	M/617/9391	25	Level 3
Installing drainage in the workplace	F/617/1425	19	Level 2
Installing and Forming Specialist Masonry Elements in the Workplace	J/617/9400	21	Level 3
Erecting Thin Joint Masonry Structures in the Workplace	D/617/9385	24	Level 2

Qualification Assessment & Grading

The learner will be assessed against a set of performance and knowledge statements which have been derived from National Occupational Standards for your occupational area (Recommended Qualification Structure (RQS) for Trowel Occupations (Construction) Level 3). The learner will be assessed by an occupationally competent and qualified assessor whose job is to work with the learner and help the learner complete the qualification. The learner will be required to produce a Portfolio of Evidence showing how you have met the performance and knowledge criteria for each unit required within the qualification, as directed by your assessor. In order to achieve/pass this qualification learners must successfully complete/achieve all eight (8) Mandatory units and one (1) Optional unit.

Fair & Equitable Assessment

Assessments designed by centres must be accessible and inclusive and the assessment methodology must be appropriate for individual assessment, giving due consideration to any assessment requirements attached to individual components.

Learners with Particular Requirements

If you are a NOCN Recognised Centre and have learners with particular requirements, please see the **NOCN Reasonable Adjustment and Special Considerations Policy and Procedure** found on the NOCN website at www.nocn.org.uk

This policy gives clear guidance on the reasonable adjustments and arrangements that can be made to take account of disability or learning difficulty without compromising the assessment criteria.

The NOCN Centre approval process requires the centre to hold policy statements on Equal Opportunities, Diversity and Disability Discrimination which will be reviewed by NOCN. Please refer to the NOCN Quality Assurance Manual for further details.

Recognition of Prior Learning

Recognising Prior Learning is an assessment process that recognises learning that has its origins in a learner's experience and/or previous formal and informal learning contexts. This includes knowledge and skills gained within school, college, university and outside formal learning situations such as through life, employment, apprenticeships and other work experiences.

NOCN is committed to the Recognition of Prior Learning (RPL) and has developed a policy and procedures to inform and support Centres. This is available on the NOCN website at www.nocn.org.uk.

Centre Requirements

In order to gain and retain NOCN qualification approval status, centres must continue to meet the required standards of NOCN regarding internal management and systems, delivery staff, resources and equipment, assessment and training, internal quality assurance and external assessment arrangements. Each requirement is detailed as one of NOCN's Approval Criteria.

For a full list of NOCN Approval Criteria, as well as further guidance and support in meeting that criteria, please refer to the NOCN Quality Assurance Manual, available on the NOCN website under the 'Help & Support' section.

Centre Staff Requirements

As part of the requirement to deliver this qualification, the Centre staff involved with the delivery, assessment and quality assurance of the qualification must have a demonstrable level of expertise. NOCN expects that all Tutors/Trainers, Assessors and Internal Quality Assurers are able to demonstrate that they have the relevant occupational knowledge and experience to perform their role.

Tutor/Trainer and Assessor Requirements

A Tutor/Trainer includes anyone within your Centre who is facilitating the training to learners in any environment e.g. tutor, trainer, teacher, coach, facilitator.

A Tutor is not required for NOCN NVQ qualifications, but is required for construction training diplomas.
All construction qualifications require an Assessor. For training diplomas, an individual can perform both roles of Tutor/Trainer and Assessor, where they meet the individual requirements for both. Tutors/Trainers and Assessors are not able to perform the role of the Internal Quality Assurer for cohorts where they have delivered training or assessment.

All Tutors/Trainers and Assessors must:

- Hold verifiable knowledge of the occupational standards at or above the level being taught.
- Hold a recognised teaching/training or assessor qualification (dependent on their role), examples of what NOCN will accept are detailed within the Quality Assurance Manual.
- Keep up to date with industry best practice for the duration of their role.
- Maintain a record of Continuous Personal Development (CPD).
- Hold an up to date CV.

Any specific assessment/training requirements are detailed under the Assessment guidance and/or in the requirements section of each unit.

Internal Quality Assurer Requirements

All construction qualifications must be internally quality assured by an appropriately qualified and experienced IQA. Each Centre must have a quality system which ensures that decisions made by assessors are appropriate, consistent, fair and transparent, and that they do not discriminate any learner. The quality system must ensure the quality of the award, ensuring validity, reliability and consistency.
Further guidance regarding the requirements of a Centre's quality system is detailed within the Quality Assurance Manual.

All Internal Quality Assurers must:

- Hold verifiable knowledge of the occupational standards at or above the level they are quality assuring.
- Hold a recognised internal quality assurance qualification (for NVQs only), examples of what NOCN will accept are detailed within the Quality Assurance Manual.
- Understand the content, structure, assessments and training/testing requirements of the units they are quality assuring.
- Keep up to date with industry best practice for the duration of their role.
- Maintain a record of Continuous Personal Development (CPD).
- Hold an up to date CV.

Resources and Equipment

For training diplomas, centres must have the resource available for the assessment and training requirements as set out by the relevant health and safety acts. There should be adequate provision of physical resources to support the learning and meet the requirements of the qualification/training.

Please refer to the specific resources and equipment specification for each individual training diploma.

External Quality Assurance

Once recognised as a Centre, NOCN will allocate an External Quality Assurer. The External Quality Assurer will have ongoing responsibility for monitoring the Centre's compliance with the requirements of Centre approval status.

The External Quality Assurer will make regular visits to all centres. During these visits they will:

• Monitor the Centre's compliance with the Centre approval criteria by reviewing course documentation, meeting managers, tutors, internal quality assurers, learners, and administrative staff.

• Review the standard of the Centre's assessment and internal quality assurance practices and decisions to determine whether all assessment requirements are met to support safe and valid claims for certification.

Refer to the **NOCN Quality Assurance Manual** for further information on the External Quality Assurance process.

Offering This Qualification

Existing Centres

If you are already recognised to offer NOCN qualifications and would like more information about offering these qualifications, please contact: business-enquiries@nocn.org.uk, alternatively use Horizon to add the qualification to your Centre.

New Centres

If you are interested in offering these qualifications, but are not yet a NOCN Approved Centre and would like more information about becoming a NOCN centre and offering these qualifications please see **Become a Registered Centre** on our website https://www.nocn.org.uk/customers/nocn-centres/ and click Become a Centre.

Confirming the Occupational Method of Work in the Workplace

Reference : R/503/2924

Level : Level 3

Credit Value : 11

Guided Learning Hours : 37

Grading Type : Pass/Fail

Aim : The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in confirming the occupational method of work in the workplace within the relevant sector of industry.

Learning Outcomes		Assessment Criteria
The Learner Will		**The Learner Can**
1	Assess available project data accurately to determine the occupational method of work.	• 1.1 · Interpret and extract information from drawings, specifications, schedules, manufacturer's information, methods of work, risk assessments and programmes of work. • 1.2 · Explain how to summarise the following project data: · required quantities · specifications · detailed drawings · health and safety requirements · timescales · scope of works. • 1.3 · Explain the different methods of assessing available project data. • 1.4 · Explain how to use project data to interpret the work method, In relation to: · standard work procedures · sequence of work · organisation of resources (people, equipment, materials) · work techniques · working conditions (health, safety and welfare) · risk assessment.
2	Obtain additional information from alternative sources in cases where the available project data is insufficient.	• 2.1 · Collect and collate additional information from alternative sources to clarify the work to be carried out. • 2.2 · Explain different methods and techniques of obtaining additional information from the following alternative sources when available project data is insufficient: · customers or representatives · suppliers · regulatory authorities · manufacturer's literature.
3	Identify work methods that will make best use of resources and	• 3.1

	meet project, statutory and contractual requirements.	· Examine potential work methods to carry out the occupational work activity. • 3.2 · Determine which work methods will make best use of relevant resources and meet health and safety requirements relating to technical and/or project criteria. • 3.3 · Explain how to identify work methods that make best use of resources and meet project, statutory and contractual requirements against technical criteria, in relation to: · health and safety welfare (principles of protection) · fire protection · access and egress · equipment availability · availability of competent workforce · pollution risk · waste and disposal · zero and low carbon outcomes · weather conditions. • 3.4 · Explain how to identify work methods that make best use of resources and meet project, statutory and contractual requirements against project criteria, in relation to: · conforming to statutory requirements · customer and user needs · contract requirements in terms of time, quantity and quality · environmental considerations. • 3.5 · Explain how different methods of work can achieve zero/low carbon outcomes.
4	Confirm and communicate the selected work method to relevant personnel.	• 4.1 · Confirm the selected occupational work method that meets project, statutory and contractual requirements. • 4.2 · Communicate appropriately to relevant people on the selected occupational work method. • 4.3 · Describe the different techniques and methods of confirming and communicating work methods to relevant people. • 4.4 · Explain the principles of equality and diversity and how to apply them when working and communicating with others.

Assessment guidance and/or requirements : This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Please refer to the hyperlink for clarity - https://www.citb.co.uk/qualifications-standards/qualification-framework/
Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.
Workplace evidence of skills cannot be simulated.

Confirming Work Activities and Resources for an Occupational Work Area in the Workplace

Reference : A/503/2772

Level : Level 3

Credit Value : 10

Guided Learning Hours : 33

Grading Type : Pass/Fail

Aim : The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in Confirming Work Activities and Resources for an Occupational Work Area in the Workplace within the relevant sector of industry.

Learning Outcomes		Assessment Criteria
The Learner Will		**The Learner Can**
1	Identify work activities, assess required resources and plan the sequence of work.	• 1.1 · Identify work activities, assess required resources and plan the sequence of work. • 1.2 · Identify work activities and formulate a plan for their own sequence of work. • 1.3 · Explain the types of work relative to the occupational area and how to identify different work activities. • 1.4 · Explain methods of assessing the resources needed from a range of available information. • 1.5 · Explain the required information and the different methods used to prepare a work programme relative to the occupational area.
2	Obtain clarification and advice where the resources required are not available.	• 2.1 · Seek advice and clarity from appropriate sources on resources available and the alternatives that can be used for the work when required resources are not available. • 2.2 · Explain the different sources and methods that can be used to obtain clarification and advice when the required resources are not available.
3	Evaluate the work activities and the requirements of any significant external factors against the project requirements.	• 3.1 · Assess progress of work against project requirements, taking into account external factors relating to: · other occupations and /or customers · resources · weather conditions · health and safety requirements. • 3.2 · Explain different methods of evaluating work activities against the following project requirements: · contract conditions · contract programme · health and safety requirements of operatives. • 3.3 · Evaluate the requirements of significant external factors that could affect the progress of work, in relation to:

		· other related programmes · special working conditions · weather conditions · other occupations/people · resources · health and safety requirements.
4	Identify work activities which influence each other and make the best use of the resources available.	• 4.1 · Determine work activities that have an influence on each other. • 4.2 · Evaluate which work activities make the best use of available resources in relation to: · occupations and/or customers associated with the work · tools, plant and/or ancillary equipment · materials and components. • 4.3 · Explain different methods and sources that can identify which work activities influence each other. • 4.4 · Describe how to determine the sequence of work activities and how long each work activity will take. • 4.5 · Describe what zero and low carbon requirements are. • 4.6 · Explain how work activities and different ways of using resources can impact on zero and low carbon requirements, and make a positive contribution to the environment.
5	Identify changed circumstances that require alterations to the work programme and justify them to decision makers.	• 5.1 · Evaluate project progress against the work programme to identify any changed circumstances. • 5.2 · Inform line management and/or customers on the type and extent of any required changes to the work programme. • 5.3 · Explain how to identify possible alterations to the work programme to meet changed circumstances relating to action lists, method statements, duration, schedules and/or occupation specific requirements. • 5.4 · Explain how to assess contractual/work effects resulting from alterations to the work programme. • 5.5 · Explain the methods used to justify to decision makers on the effects resulting from alterations to the work programme.

Assessment guidance and/or requirements : This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Please refer to the hyperlink for clarity - https://www.citb.co.uk/qualifications-standards/qualification-framework/
Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.
Workplace evidence of skills cannot be simulated.

Conforming to General Health, Safety and Welfare in the Workplace

Reference : A/503/1170

Level : Level 1

Credit Value : 2

Guided Learning Hours : 7

Grading Type : Pass/Fail

Aim : The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in conforming to general health, safety and welfare in the workplace within the relevant sector of industry.

Learning Outcomes		Assessment Criteria
The Learner Will		**The Learner Can**
1	Comply with all workplace health, safety and welfare legislation requirements.	• 1.1. · Comply with information from workplace inductions and any health, safety and welfare briefings attended relevant to the occupational area. • 1.2. · Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements. • 1.3. · Comply with statutory requirements, safety notices and warning notices displayed within the workplace and/or on equipment. • 1.4. · State why and when health and safety control equipment, identified by the principles of protection, should be used relating to types, purpose and limitations of each type, the work situation, occupational use and the general work environment, in relation to: · collective protective measures · personal protective equipment (PPE) · respiratory protective equipment (RPE) · local exhaust ventilation (LEV). • 1.5. · State how the health and safety control equipment relevant to the work should be used in accordance with the given instructions. • 1.6. · State which types of health, safety and welfare legislation, notices and warning signs are relevant to the occupational area and associated equipment. • 1.7. · State why health, safety and welfare legislation, notices and warning signs are relevant to the occupational area. • 1.8. · State how to comply with control measures that have been identified by risk assessments and safe systems of work.
2	Recognise hazards associated with the workplace that have not been previously controlled and report them in accordance with organisational procedures.	• 2.1. · Report any hazards created by changing circumstances within the workplace in accordance with organisational procedures. • 2.2. · List typical hazards associated with the work environment and occupational area in relation to resources, substances, asbestos, equipment, obstructions, storage, services and work activities. • 2.3. · List the current Health and Safety Executive top ten safety risks. • 2.4. · List the current Health and Safety Executive top five health risks. • 2.5. · State how changing circumstances within the workplace could

		cause hazards. • 2.6. · State the methods used for reporting changed circumstances, hazards and incidents in the workplace.
3	Comply with organisational policies and procedures to contribute to health, safety and welfare.	• 3.1. · Interpret and comply with given instructions to maintain safe systems of work and quality working practices. • 3.2. · Contribute to discussions by offering/providing feedback relating to health, safety and welfare. • 3.3. · Contribute to the maintenance of workplace welfare facilities in accordance with workplace welfare procedures. • 3.4. · Safely store health and safety control equipment in accordance with given instructions. • 3.5. · Dispose of waste and/or consumable items in accordance with legislation. • 3.6. · State the organisational policies and procedures for health, safety and welfare, in relation to: · 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.

Assessment guidance and/or requirements : This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Please refer to the hyperlink for clarity - https://www.citb.co.uk/qualifications-standards/qualification-framework/
Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.
Workplace evidence of skills cannot be simulated.
Additional Information on the Assessment of CITB NVQ Unit 641
The information below should help awarding organisations incorporate relevant parts of the assessment strategy principles' requirements in their documentation for construction and built environment NVQs. The following guidance is strongly recommended for adoption by awarding organisations in their assessment methodology.
As stated in the guidance as set in Appendix B of the 'ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment'
CITB NVQ Unit Ref: 641 – Assessment Criteria 2.3 and 2.4
2.3 – 'List the current Health and Safety Executive top ten safety risks' should be assessed as 'List the current common safety risks'.
2.4 - 'List the current Health and Safety Executive top five health risks' should be assessed as 'List the current common health risks
All CITB NVQ units – Assessment Criteria 1.4
1.4 – 'State why and when health and safety control equipment, identified by the principles of protection' should be assessed as 'State why and when health and safety control equipment, identified by the principles of prevention'.

Developing and Maintaining Good Occupational Working Relationships in the Workplace

Reference : Y/617/9062

Level : Level 3

Credit Value : 8

Guided Learning Hours : 27

Grading Type : Pass/Fail

Aim : The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence developing and maintaining good working relationships in the workplace within the relevant sector of industry.

Learning Outcomes		Assessment Criteria
The Learner Will		**The Learner Can**
1	Develop, maintain and encourage working relationships to promote good will and trust.	• 1.1 · Give appropriate advice and information to relevant people about the occupational work activities and/or associated occupations involved. • 1.2 · Apply the principles of equality and diversity by considering the needs of individuals when working and communicating with others. • 1.3 · Explain the methods and techniques used and personal attributes required to encourage and maintain working relationships that promote goodwill and trust with relevant people. • 1.4 · Explain the principles of equality and diversity and how to apply them when working and communicating with others.
2	Inform relevant people about work activities in an appropriate level of detail, with the appropriate level of urgency.	• 2.1 · Communicate on the following work activity information to relevant people following organisational procedures: · appropriate timescales · health and safety requirements · co ·ordination of work procedures. • 2.2 · Explain the different methods and techniques used to inform relevant people about work activities. • 2.3 · Explain the effects of not informing relevant people with the expected level of urgency. • 2.4 · Explain the different types of work activity related information and to what level of detail the following people would expect to receive: · colleagues · employers · customers · contractors · suppliers of products and services · other people affected by the work/project.
3	Offer advice and help to relevant people about work activities and encourage questions/requests for clarification and comments.	• 3.1 · Give appropriate advice and information to relevant people about

		the different methods of carrying out occupational work activities to achieve the required outcome. • 3.2 · Explain the techniques of encouraging questions and/or requests for clarification and comments. • 3.3 · Explain the different ways of offering advice and help to different people about work activities, in relation to: · progress · results · achievements · occupational problems · occupational opportunities · health and safety requirements · co ·ordinated work.
4	Clarify proposals with relevant people and discuss alternative suggestions.	• 4.1 · Engage regular discussions with relevant people about the occupational work activity and/or other occupations involved. • 4.2 · Explain the methods of clarifying alternative proposals with relevant people. • 4.3 · Explain the methods of suggesting alternative proposals.
5	Resolve differences of opinion in ways that minimise offence and maintain goodwill, trust and respect.	• 5.1 · Examine and agree the work activities that satisfy all people involved and will meet the required outcome of the proposed method of work. • 5.2 · Explain the methods and techniques used to resolve differences of opinion in ways which minimise offence and maintain goodwill, trust and respect.

Assessment guidance and/or requirements : This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Please refer to the hyperlink for clarity - https://www.citb.co.uk/qualifications-standards/qualification-framework/
Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.
Workplace evidence of skills cannot be simulated.

Erecting Masonry Cladding in the Workplace

Reference : Y/617/9384

Level : Level 2

Credit Value : 24

Guided Learning Hours : 110

Grading Type : Pass/Fail

Aim : The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in Erecting masonry cladding in the workplace within the relevant sector of industry.

Learning Outcomes		Assessment Criteria
The Learner Will		**The Learner Can**
1	Interpret the given information relating to the work and resources when erecting masonry cladding.	• 1.1 · Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information. • 1.2 · Comply with information and/or instructions derived from risk assessments and method statements. • 1.3 · Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented. • 1.4 · Describe different types of information, their source and how they are interpreted in relation to: – drawings, specifications, current legislation, schedules, method statements, risk assessments, manufacturers' information, oral and written instructions, sketches, electronic data, official guidance and current regulations associated with erecting masonry cladding.
2	Know how to comply with relevant legislation and official guidance when erecting masonry cladding.	• 2.1 · Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting. • 2.2 · Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company, operative and vehicles. • 2.3 · Explain what the accident reporting procedures are and who is responsible for making reports.
3	Maintain safe and healthy working practices when erecting masonry cladding.	• 3.1 · Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when erecting masonry cladding. • 3.2 · Demonstrate compliance with given information and relevant legislation when erecting masonry cladding 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 erecting masonry cladding, and the types, purpose and limitations of

		each type, the work situation and general work environment, in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). • 3.4 · Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions. • 3.5 · Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task ·related activities.
4	Select the required quantity and quality of resources for the methods of work to erect masonry cladding.	• 4.1 · Select resources associated with own work in relation to materials, components, fixings, tools and equipment. • 4.2 · Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: – bricks, blocks, mortars, frames, insulation, damp ·proof barriers, brick slips, cloak systems, cavity closers, fire breaks, lintels, fixings and ties – hand and power tools, and equipment. • 4.3 · Describe how to confirm that the resources and materials conform to the specification. • 4.4 · Describe how the resources should be used correctly and how problems associated with the resources are reported. • 4.5 · Explain why the organisational procedures have been developed and how they are used for the selection of required resources. • 4.6 · Describe any potential hazards associated with the resources and methods of work. • 4.7 · Describe how to calculate quantity, length, area and wastage of materials associated with the method and procedure to erect masonry cladding.
5	Minimise the risk of damage to the work and surrounding area when erecting masonry cladding.	• 5.1 · Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures. • 5.2 · Maintain a clear and tidy work space. • 5.3 · Dispose of waste in accordance with current legislation. • 5.4 · Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions. • 5.5 · Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when erecting masonry cladding.	• 6.1 · Demonstrate completion of the work within the estimated allocated time. • 6.2 · Describe the purpose of the work programme and explain why deadlines should be kept in relation to: – types of productivity targets and time scales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to erect masonry cladding to the required specification.	• 7.1 · Demonstrate the following work skills when erecting masonry cladding:

		– measuring, marking ·out, laying, positioning, levelling, plumb, fitting, fixing and securing. • 7.2 · Use and maintain hand and power tools and equipment. • 7.3 · Erect brick and block and/or local material cladding to given working instructions, including the formation of openings and joint finishes, for at least one of the following structures: – pre ·erected timber frame – pre ·erected concrete – pre ·erected steel – existing masonry structure. • 7.4 · Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: – erect brick, block and thin joint block cladding to pre ·erected timber frame, concrete, steel and existing structures – clad structures using local materials – install brick slips – position and secure wall ties including spacing, particularly around openings and movement joints – form and maintain the integrity of cavities – install and maintain the integrity of fire barriers and breaks – form joint finishes – form openings – position, level, plumb, fix and integrate brick soffit systems – install masonry support angles – prop and support structures – remove temporary structures – position, fix and bed damp ·proof barriers, cloak systems and cavity trays – form and install weep holes and vents – position, bond and tape insulation materials – install wind posts – mix mortar – recognise and determine when specialist skills and knowledge are required and report accordingly – identify and follow the installation quality requirements – work with, around and in close proximity to plant and machinery – use hand and power tools, and equipment – work at height – use access equipment. • 7.5 · Describe the needs of other occupations and how to communicate effectively within a team when erecting masonry cladding. • 7.6 · Describe how to maintain the tools and equipment used when erecting masonry cladding.

Assessment guidance and/or requirements : This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Please refer to the hyperlink for clarity - https://www.citb.co.uk/qualifications-standards/qualification-framework/
Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.
Workplace evidence of skills cannot be simulated.
Group 1:
One of the following endorsements required:
-Brick and block
-Local material.
Group 2:
Plus one of the following:
-Pre-erected timber frame
-Pre-erected concrete
-Pre-erected steel
-Existing masonry.

Erecting masonry structures in the workplace

Reference : L/617/9382

Level : Level 2

Credit Value : 31

Guided Learning Hours : 150

Grading Type : Pass/Fail

Aim : The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in Erecting masonry structures in the workplace in the workplace within the relevant sector of industry.

Learning Outcomes		Assessment Criteria
The Learner Will		**The Learner Can**
1	Interpret the given information relating to the work and resources when erecting masonry structures.	• 1.1 · Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information. • 1.2 · Comply with information and/or instructions derived from risk assessments and method statements. • 1.3 · Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented. • 1.4 · Describe different types of information, their source and how they are interpreted in relation to: – drawings, specifications, current legislation, schedules, method statements, risk assessments, manufacturers' information, oral and written instructions, sketches, electronic data, official guidance and current regulations governing buildings associated with erecting masonry structures.
2	Know how to comply with relevant legislation and official guidance when erecting masonry structures.	• 2.1 · Describe their responsibilities potential accidents, health hazards and the environment, whilst working: – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting • 2.2 · Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company, operative and vehicles. • 2.3 · Explain what the accident reporting procedures are and who is responsible for making reports.
3	Maintain safe and healthy working practices when erecting masonry structures.	• 3.1 · Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when erecting masonry structures. • 3.2 · Demonstrate compliance with given information and relevant legislation when erecting masonry structures 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

		erecting masonry structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). • 3.4 · Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions. • 3.5 · Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task ·related activities.
4	Select the required quantity and quality of resources for the methods of work to erect masonry structures.	• 4.1 · Select resources associated with own work in relation to materials, components, fixings, tools and equipment. • 4.2 · Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: – bricks, blocks, mortars, frames, insulation, damp ·proof barriers, cloak systems, cills, copings and cappings, lintels, fixings, ties – hand and power tools, and equipment • 4.3 · Describe how to confirm that the resources and materials conform to the specification. • 4.4 · Describe how the resources should be used correctly and how problems associated with the resources are reported. • 4.5 · Explain why the organisational procedures have been developed and how they are used for the selection of required resources. • 4.6 · Describe any potential hazards associated with the resources and methods of work. • 4.7 · Describe how to calculate quantity, length, area and wastage of materials associated with the method and procedure to erect masonry structures.
5	Minimise the risk of damage to the work and surrounding area when erecting masonry structures.	• 5.1 · Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures. • 5.2 · Maintain a clear and tidy work space. • 5.3 · Dispose of waste in accordance with current legislation. • 5.4 · Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions. • 5.5 · Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when erecting masonry structures.	• 6.1 · Demonstrate completion of the work within the estimated allocated time. • 6.2 · Describe the purpose of the work programme and explain why deadlines should be kept in relation to: – types of productivity targets and time scales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to erect masonry structures to the required specification.	• 7.1 · Demonstrate the following work skills when erecting masonry

		structures: – measuring, marking ·out, laying, positioning, plumb, levelling and securing. • 7.2 · Use and maintain hand and power tools, and equipment. • 7.3 · Erect masonry in brick and block and/or local materials to given working instructions for the following: – cavity wall structures – blockwork structures – solid wall structures – form openings – joint finishes – cills, capping and copings. • 7.4 · Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: – erect cavity walling and solid walling using brick and block and local material – erect walling of local style – lay blocks (traditional and thin joint) – determine brick and block bonds – form and maintain the integrity of cavities – install lintels – install movement joints – install wind posts – cut bricks, blocks and local materials – form joint finishes, including mechanical pointing systems – form openings – position, level, plumb, fix and integrate brick soffit systems – position and fix cills, copings and capping's – install masonry support angles – prop and support structures – complete and remove temporary works – position, bond and tape insulation materials – position, fix and bed damp ·proof barriers, cloak systems and cavity trays – form and install weep holes and vents – install and maintain the integrity of fire barriers and breaks – position and secure wall ties including spacing, particularly around openings and movement joints – mix mortar – recognise and determine when specialist skills and knowledge are required and report accordingly – identify and follow the installation quality requirements – work with, around and in close proximity to plant and machinery – use hand and power tools, and equipment – work at height – use access equipment. • 7.5 · Describe the needs of other occupations and how to communicate effectively within a team when erecting masonry structures. • 7.6 · Describe how to maintain the tools and equipment used when erecting masonry structures.

Assessment guidance and/or requirements : This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Please refer to the hyperlink for clarity - https://www.citb.co.uk/qualifications-standards/qualification-framework/
Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.
Workplace evidence of skills cannot be simulated.
One of the following endorsements required:
- Brick and block
- Local material.

Erecting masonry to form architectural and decorative structures in the workplace

Reference : A/617/9409

Level : Level 3

Credit Value : 35

Guided Learning Hours : 180

Grading Type : Pass/Fail

Aim : The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in Erecting masonry to form architectural and decorative structures in the workplace within the relevant sector of industry.

Learning Outcomes		Assessment Criteria
The Learner Will		**The Learner Can**
1	Interpret the given information relating to the work and resources when erecting masonry to form architectural and decorative structures.	• 1.1 · Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information. • 1.2 · Comply with information and/or instructions derived from risk assessments and method statements. • 1.3 · Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented. • 1.4 · Describe different types of information, their source and how they are interpreted in relation to: – drawings, specifications, current legislation, schedules, method statements, risk assessments, manufacturers' information, oral and written instructions, sketches, electronic data, official guidance and current regulations governing buildings associated with the erection of masonry to form architectural and decorative structures.
2	Know how to comply with relevant legislation and official guidance when erecting masonry to form architectural and decorative structures.	• 2.1 · Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting. • 2.2 · Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company, operative and vehicles. • 2.3 · Explain what the accident reporting procedures are and who is responsible for making reports.
3	Maintain safe and healthy working practices when erecting masonry to form architectural and decorative structures.	• 3.1 · Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when erecting masonry to form architectural and decorative structures. • 3.2 · Demonstrate compliance with given information and relevant legislation when erecting masonry to form architectural and decorative structures 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 erecting masonry to form architectural and decorative structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). • 3.4 · Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions. • 3.5 · Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task ·related activities.
4	Select the required quantity and quality of resources for the methods of work to erect masonry to form architectural and decorative structures.	• 4.1 · Select resources associated with own work in relation to materials, components, fixings, tools and equipment. • 4.2 · Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: – bricks, blocks, mortars, frames, insulation, damp ·proof barriers, cloak systems, lintels and ties – components and fixings – hand and power tools, and equipment. • 4.3 · Describe how to confirm that the resources and materials conform to the specification. • 4.4 · Describe how the resources should be used correctly and how problems associated with the resources are reported. • 4.5 · Explain why the organisational procedures have been developed and how they are used for the selection of required resources. • 4.6 · Describe any potential hazards associated with the resources and methods of work. • 4.7 · Describe how to calculate quantity, length, area and wastage of materials associated with the method and procedure to erect masonry to form architectural and decorative structures.
5	Minimise the risk of damage to the work and surrounding area when erecting masonry to form architectural and decorative structures.	• 5.1 · Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures. • 5.2 · Maintain a clear and tidy work space. • 5.3 · Dispose of waste in accordance with current legislation. • 5.4 · Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions. • 5.5 · Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when erecting masonry to form architectural and decorative structures.	• 6.1 · Demonstrate completion of the work within the estimated allocated time. • 6.2 · Describe the purpose of the work programme and explain why deadlines should be kept in relation to: – types of productivity targets and time scales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.

7	Comply with the given contract information to erect masonry to form architectural and decorative structures to the required specification.	• 7.1 · Demonstrate the following work skills when erecting masonry to form architectural and decorative structures: – measuring, checking, marking ·out, laying, positioning and securing. • 7.2 · Use and maintain hand and power tools, and equipment. • 7.3 · Erect masonry in brick and block and/or local materials to given working instructions, to form architectural and decorative features including forming joint finishes, for at least three of the following: — arch (rough ringed, axed, gauged) – chimney stack — fireplace – wall with flush, projecting or decorative features — wall curved on plan – wall curved in elevation – wall splayed on plan. • 7.4 · Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: – erect cavity walling and solid walling using brick, blocks and thin joint blocks – erect walls in local styles using local materials – work overhand – position, install and secure fixings and cramps – position and secure wall ties including spacing particularly around openings and movement joints – form and maintain the integrity of cavities – install masonry support angles – form and install weep holes and vents – form arches (rough ringed, axed, gauged) – form chimney stacks – form fireplaces – form walls flush, projecting and with decorative features – form walls curved on plan and check with trammel, templates and bay moulds – form walls splayed on plan and check with templates and bay moulds – form walls curved and ramped in elevation and set out and check with trammels and profiles – prop and support structures – install movement joints – install wind posts – cut bricks, blocks and local materials – complete and remove temporary works – form joint finishes – select and install vertical and horizontal reinforcement – position, fix and bed damp ·proof barriers, cloak systems and cavity trays – position, bond and tape insulation materials – install and maintain the integrity of fire barriers and breaks – mix mortar – provide information for Building Information Modelling (BIM) – recognise and determine when specialist skills and knowledge are required and report accordingly – determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance – identify and follow the installation quality requirements – work with, around and in close proximity to plant and machinery – use hand and power tools, and equipment – work at height – use access equipment. • 7.5 · Describe the needs of other occupations and how to communicate effectively within a team when erecting masonry to form architectural and decorative structures. • 7.6 · Describe how to maintain the tools and equipment used when erecting masonry to form architectural and decorative structures.

Assessment guidance and/or requirements : This unit must be assessed in a work environment, in accordance with the

ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Please refer to the hyperlink for clarity - https://www.citb.co.uk/qualifications-standards/qualification-framework/
Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.
Workplace evidence of skills cannot be simulated.
Group 1:
One of the following endorsements required:
-Brick and block
-Local material.

Group 2:
Plus three of the following:
-Arches (rough ringed, axed, gauged)
-Chimney stack
-Fireplace
-Wall with flush, projecting or decorative features
-Wall curved on plan
-Wall curved in elevation
-Wall splayed on plan.

Setting Out to Form Masonry Structures in the Workplace

Reference : R/617/9383

Level : Level 2

Credit Value : 23

Guided Learning Hours : 113

Grading Type : Pass/Fail

Aim : The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in Setting out to form masonry structures in the workplace within the relevant sector of industry.

Learning Outcomes		Assessment Criteria
The Learner Will		**The Learner Can**
1	Interpret the given information relating to the work and resources when setting out to form masonry structures.	• 1.1 · Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information. • 1.2 · Comply with information and/or instructions derived from risk assessments and method statements. • 1.3 · Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented. • 1.4 · Describe different types of information, their source and how they are interpreted in relation to: – drawings, specifications, current legislation, schedules, method statements, risk assessments, manufacturers' information, oral and written instructions, sketches, electronic data, official guidance and current regulations governing buildings associated with setting out to form masonry structures.
2	Know how to comply with relevant legislation and official guidance when setting out to form masonry structures	• 2.1 · Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting. • 2.2 · Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company, operative and vehicles. • 2.3 · Explain what the accident reporting procedures are and who is responsible for making reports.
3	Maintain safe and healthy working practices when setting out to form masonry structures.	• 3.1 · Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when setting out to form masonry structures. • 3.2 · Demonstrate compliance with given information and relevant legislation when setting out to form masonry structures in relation to of 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

		setting out to form masonry structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). • 3.4 · Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions. • 3.5 · Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task ·related activities.
4	Select the required quantity and quality of resources for the methods of work to set out to form masonry structures	• 4.1 · Select resources associated with own work in relation to materials, components, fixings, tools and equipment. • 4.2 · Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: – levels, lines, trammels, templates, profiles, tape measures, pegs, squares and fixings – hand and power tools, and setting out equipment. • 4.3 · Describe how to confirm that the resources and materials conform to the specification. • 4.4 · Describe how the resources should be used correctly and how problems associated with the resources are reported. • 4.5 · Explain why the organisational procedures have been developed and how they are used for the selection of required resources. • 4.6 · Describe any potential hazards associated with the resources and methods of work. • 4.7 · Describe how to calculate distances, quantity, length, levels and diagonals, area and wastage of materials associated with the method and procedure to set out to form masonry structures.
5	Minimise the risk of damage to the work and surrounding area when setting out to form masonry structures	• 5.1 · Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures. • 5.2 · Maintain a clear and tidy work space. • 5.3 · Dispose of waste in accordance with current legislation. • 5.4 · Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions. • 5.5 · Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when setting out to form masonry structures	• 6.1 · Demonstrate completion of the work within the estimated allocated time. • 6.2 · Describe the purpose of the work programme and explain why deadlines should be kept in relation to: – types of productivity targets and time scales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to set out to form masonry structures to the required specification.	• 7.1 · Demonstrate the following work skills when setting out to form masonry structures:

		– measuring, marking out, levelling, plumb, positioning, transferring, transposing, fixing and securing. • 7.2 · Use and maintain hand and power tools and setting out equipment. • 7.3 · Determine dimensions and positions using line, level, depth, area, height and angle to given working instructions to establish at least four of the following lines: – straight (180 degrees) – right angles (90 degrees) – obtuse angles (between 90 and 180 degrees including batters) – acute angles (between 0 and 90 degrees) – curves on plan – curves in elevation – openings. • 7.4 · Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: – measure and set out to form masonry structures on level and sloping ground – identify and mark datum points – make trammels, templates and profiles – mark straight lines, right angles, obtuse angles, acute angles, curves on plan, curves in elevation and openings – set out using trammels, templates and profiles – plumb from ranging lines – transfer lines and levels (spirit level, straight ·edge and laser level) – determine convex and concave curves using pegs and line – recognise and determine when specialist skills and knowledge are required and report accordingly – identify and follow the installation quality requirements – work with, around and in close proximity to plant and machinery – use hand and power tools, and setting out equipment – work at height – use access equipment. • 7.5 · Describe the needs of other occupations and how to communicate effectively within a team when setting out to form masonry structures. • 7.6 · Describe how to maintain the tools and equipment used when setting out to form masonry structures.

Assessment guidance and/or requirements : This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Please refer to the hyperlink for clarity - https://www.citb.co.uk/qualifications-standards/qualification-framework/
Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.
Workplace evidence of skills cannot be simulated.
Four of the following endorsements required:
-Straight (180 degrees)
-Right angles (90 degrees)
-Obtuse angles (between 90 and 180 degrees including batters)
-Acute angles (between 0 and 90 degrees)
-Curves on plan
-Curves in elevation
-Openings.

Erecting Thin Joint Masonry Structures in the Workplace

Reference : D/617/9385

Level : Level 2

Credit Value : 24

Guided Learning Hours : 117

Grading Type : Pass/Fail

Aim : The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in Erecting thin joint masonry structures in the workplace within the relevant sector of industry.

Learning Outcomes		Assessment Criteria
The Learner Will		**The Learner Can**
1	Interpret the given information relating to the work and resources when erecting thin joint masonry structures.	• 1.1 · Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information. • 1.2 · Comply with information and/or instructions derived from risk assessments and method statements. • 1.3 · Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented. • 1.4 · Describe different types of information, their source and how they are interpreted in relation to: – drawings, specifications, current legislation, schedules, method statements, risk assessments, manufacturers' information, oral and written instructions, sketches, electronic data, official guidance and current regulations associated with erecting thin joint masonry structures.
2	Know how to comply with relevant legislation and official guidance when erecting thin joint masonry structures.	• 2.1 · Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting. • 2.2 · Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company, operative and vehicles. • 2.3 · Explain what the accident reporting procedures are and who is responsible for making reports.
3	Maintain safe and healthy working practices when erecting thin joint masonry structures.	• 3.1 · Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when erecting thin joint masonry structures. • 3.2 · Demonstrate compliance with given information and relevant legislation when erecting thin joint masonry structures 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

		erecting thin joint masonry structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). • 3.4 · Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions. • 3.5 · Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task ·related activities.
4	Select the required quantity and quality of resources for the methods of work to erect thin joint masonry structures.	• 4.1 · Select resources associated with own work in relation to materials, components, fixings, tools and equipment. • 4.2 · Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: – blocks, jointing compounds, frames, insulation, damp ·proof barriers, cloak systems, lintels, fixings, ties – hand and power tools and equipment. • 4.3 · Describe how to confirm that the resources and materials conform to the specification. • 4.4 · Describe how the resources should be used correctly and how problems associated with the resources are reported. • 4.5 · Explain why the organisational procedures have been developed and how they are used for the selection of required resources. • 4.6 · Describe any potential hazards associated with the resources and methods of work. • 4.7 · Describe how to calculate quantity, length, area and wastage of materials associated with the method and procedure to erect thin joint masonry structures.
5	Minimise the risk of damage to the work and surrounding area when erecting thin joint masonry structures.	• 5.1 · Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures. • 5.2 · Maintain a clear and tidy work space. • 5.3 · Dispose of waste in accordance with current legislation. • 5.4 · Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions. • 5.5 · Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when erecting thin joint masonry structures.	• 6.1 · Demonstrate completion of the work within the estimated allocated time. • 6.2 · Describe the purpose of the work programme and explain why deadlines should be kept in relation to: – types of productivity targets and time scales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to erect thin joint masonry structures to the required specification.	• 7.1 · Demonstrate the following work skills when erecting thin joint masonry structures:

		– measuring, marking out, cutting, preparing, laying, positioning and securing. • 7.2 · Use and maintain hand and power tools, and equipment. • 7.3 · Erecting thin joint masonry structures to given working instructions for at least three of the following: – cavity wall structures – solid wall structures – form openings – mix jointing compounds. • 7.4 · Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: – erect cavity walling and solid walling using thin joint blocks – determine thin joint block bonds – level bed (course one) – check plumb – form and maintain the integrity of cavities – form openings – position, level, plumb, fix and integrate, brick soffit systems – install masonry support angles – position, fix and bed, damp ·proof barriers, cloak systems and cavity trays – position and secure wall ties including spacing, particularly around openings – form and install movement joints – install and maintain the integrity of fire barriers and breaks – form and install weep holes and vents – position, bond and tape insulation materials – install wind posts – mix jointing compound – recognise and determine when specialist skills and knowledge are required and report accordingly – identify and follow the installation quality requirements – work with, around and in close proximity to plant and machinery – use hand and power tools, and equipment – work at height – use access equipment. • 7.5 · Describe the needs of other occupations and how to communicate effectively within a team when erecting thin joint masonry structures. • 7.6 · Describe how to maintain the tools and equipment used when erecting thin joint masonry structures.

Assessment guidance and/or requirements : This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Please refer to the hyperlink for clarity - https://www.citb.co.uk/qualifications-standards/qualification-framework/
Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.
Workplace evidence of skills cannot be simulated.
Three of the following endorsements required:
-Cavity wall structure
-Solid wall structures
-Form openings
-Mix jointing compounds.

Installing and Forming Specialist Masonry Elements in the Workplace

Reference : J/617/9400

Level : Level 3

Credit Value : 21

Guided Learning Hours : 140

Grading Type : Pass/Fail

Aim : The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in Installing and forming specialist masonry elements in the workplace within the relevant sector of industry.

Learning Outcomes		Assessment Criteria
The Learner Will		The Learner Can
1	Interpret the given information relating to the work and resources when installing and forming specialist masonry elements.	• 1.1 · Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information. • 1.2 · Comply with information and/or instructions derived from risk assessments and method statements. • 1.3 · Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented. • 1.4 · Describe different types of information, their source and how they are interpreted in relation to: – drawings, specifications, schedules, method statements, risk assessments, manufacturers' information, oral and written instructions, sketches, electronic data, official guidance and current regulations associated with installing and forming specialist masonry support elements.
2	Know how to comply with relevant legislation and official guidance when installing and forming specialist masonry elements.	• 2.1 · Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting. • 2.2 · Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company, operative and vehicles. • 2.3 · Explain what the accident reporting procedures are and who is responsible for making reports.
3	Maintain safe and healthy working practices when installing and forming specialist masonry elements.	• 3.1 · Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when installing and forming specialist masonry elements. • 3.2 · Demonstrate compliance with given information and relevant legislation when installing and forming specialist masonry elements 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

		install and form specialist masonry elements, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). • 3.4 · Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions. • 3.5 · Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task ·related activities.
4	Select the required quantity and quality of resources for the methods of work to install and form specialist masonry elements.	• 4.1 · Select resources associated with own work in relation to materials, components, fixings, tools and equipment. • 4.2 · Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: – specialist masonry support elements – fittings and fixings – hand and power tools, and equipment. • 4.3 · Describe how to confirm that the resources and materials conform to the specification. • 4.4 · Describe how the resources should be used correctly and how problems associated with the resources are reported. • 4.5 · Explain why the organisational procedures have been developed and how they are used for the selection of required resources. • 4.6 · Describe any potential hazards associated with the resources and methods of work. • 4.7 · Describe how to calculate quantity, volume, length, width, area and wastage of materials associated with the method and procedure to install and form specialist masonry elements.
5	Minimise the risk of damage to the work and surrounding area when installing and forming specialist masonry elements.	• 5.1 · Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures. • 5.2 · Maintain a clear and tidy work space. • 5.3 · Dispose of waste in accordance with current legislation. • 5.4 · Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions. • 5.5 · Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when installing and forming specialist masonry elements.	• 6.1 · Demonstrate completion of the work within the estimated allocated time. • 6.2 · Describe the purpose of the work programme and explain why deadlines should be kept in relation to: – types of productivity targets and time scales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to install and form specialist masonry elements to the required specification.	• 7.1 · Demonstrate the following work skills when: – positioning, levelling, plumb, adjusting and fixing.

		• 7.2 · Use and maintain hand and power tools and equipment. • 7.3 · Install and/or form fire barriers and/or breaks and support angles plus at least two of the following specialist masonry support elements to given working instructions: – brick soffit systems – channel systems – wind posts – vapour and/or moisture barriers – wall starter kits. • 7.4 · Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: – identify the types, uses and characteristics of specialist masonry support elements; brick soffit systems, support angles, fire barriers and breaks, wind posts and wall starter kits – position, level, plumb, fix and integrate brick soffit systems – install and adjust masonry support angles – install and maintain the integrity of fire barriers and breaks – form and maintain the integrity of cavities – position and secure wall ties including spacing, particularly around openings – position and fix damp ·proof barriers, cloak systems and cavity trays – form and install weep holes and vents – position bond and tape insulation materials – install wind posts – use wall starter kits – recognise and determine when specialist skills and knowledge are required and report accordingly – identify and follow the installation quality requirements – work with, around and in close proximity to plant and machinery – use hand and power tools, and equipment – work at height – use access equipment. • 7.5 · Describe the needs of other occupations and how to communicate effectively within a team when installing and forming specialist masonry elements. • 7.6 · Describe how to maintain the tools and equipment used when installing and forming specialist masonry elements.

Assessment guidance and/or requirements : This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Please refer to the hyperlink for clarity - https://www.citb.co.uk/qualifications-standards/qualification-framework/
Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.
Workplace evidence of skills cannot be simulated.
This unit must be assessed against TWO of the endorsements Groups:
Group 1:
A minimum of one endorsement is required
- Install fire barriers and support angles
- Fire breaks and support angles
- Form fire barriers and support angles
- Fire breaks and support angles.
Group 2:
Plus at least two of the following endorsements required:
Brick soffit systems
Channel systems
Wind posts
Vapour and/or moisture barriers
Wall starter kits.

Installing drainage in the workplace

Reference : F/617/1425

Level : Level 2

Credit Value : 19

Guided Learning Hours : 100

Grading Type : Pass/Fail

Aim : The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in installing drainage in the workplace within the relevant sector of industry.

Learning Outcomes		Assessment Criteria
The Learner Will		**The Learner Can**
1	Interpret the given information relating to the work and resources when installing drainage.	• 1.1 · Interpret and extract relevant information from drawings, specifications, schedules, risk assessments, method statements and manufacturers' information. • 1.2 · Comply with information and/or instructions derived from risk assessments and method statements. • 1.3 · Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented. • 1.4 · Describe different types of information, their source and how they are interpreted in relation to: – drawings, specifications, schedules, risk assessments, method statements, manufacturers' information, verbal, written and graphical instructions, permits, current regulations and official guidance governing the installation and construction of drainage systems.
2	Know how to comply with relevant legislation and official guidance when installing drainage.	• 2.1 · Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting. • 2.2 · Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative. • 2.3 · Explain what the accident reporting procedures are and who is responsible for making reports.
3	Maintain safe and healthy working practices when installing drainage.	• 3.1 · Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when installing drainage. • 3.2 · Demonstrate compliance with given information and relevant legislation when installing drainage in relation to at least two of 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 installing drainage, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: –collective protective measures –personal protective equipment (PPE)

		–respiratory protective equipment (RPE) –local exhaust ventilation (LEV). • 3.4 · Describe how the relevant health and safety control equipment should be used in accordance with the given instructions. • 3.5 · Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task ·related activities.
4	Select the required quantity and quality of resources for the methods of work to install drainage.	• 4.1 · Select resources associated with own work in relation to materials, components and fixings, and tools and equipment. • 4.2 · Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: –pipes, fittings and ancillary components –pre ·cast (metal, concrete, clay or plastic) components –bricks, blocks and sandbags –granular materials, aggregates, cement, concrete, mortars and sand –sealant materials (adhesives, compounds, solvents) –hand tools, 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 and how problems associated with the resources are reported. • 4.5 · Explain why the organisational procedures have been developed and how they are used for the selection of required resources. • 4.6 · Describe any potential hazards associated with the resources and methods of work. • 4.7 · Describe how to calculate quantity, length, volume, area and wastage associated with the method and procedure to install drainage.
5	Minimise the risk of damage to the work and surrounding area when installing drainage.	• 5.1 · Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures. • 5.2 · Maintain a clear and tidy work space. • 5.3 · Dispose of waste in accordance with current legislation. • 5.4 · Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions. • 5.5 · Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when installing drainage.	• 6.1 · Demonstrate completion of the work within the allocated time. • 6.2 · Describe the purpose of the work programme and explain why deadlines should be kept in relation to: – types of progress charts, timetables, productivity targets and time scales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to install drainage to the required specification.	• 7.1 · Demonstrate the following work skills when installing drainage: – checking, measuring, marking out, cutting, laying, positioning, fitting, joining, levelling, plumbing, aligning, securing and testing.

		• 7.2 · Use and maintain hand tools, power tools and ancillary equipment • 7.3 · Lay bedding materials, install and test pipework (e.g. clay, concrete, metal or plastic) for new and/or replacement, foul and/or surface water drainage for at least one of the following to given working instructions: –inspection chambers (e.g. brick, concrete, metal or plastic) –surface water systems (e.g. cells, culverts, high capacity, linear, balancing ponds, interceptors, recycling equipment, soak ·a ·ways, sustainable urban drainage systems) –foul water systems (e.g. cess pools, septic tanks, reed beds, treatment plants) –surround pipe with specified materials –place backfill to trench using given work instructions for both compacted and free drainage material. • 7.4 · Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: –excavate trenches and provide trench support –confirm ground conditions, site and excavations are suitable for the drainage installation work –recognise the dangers of loads and structures at the edge of excavations –deal with groundwater –work around other utility services –install geotextile materials –prepare different types of bedding for pipework e.g. sand, shingle, cementitious –determine levels and gradients –identify the differences between surface and foul water drainage –measure, mark and cut drainage materials –lay, position, level, plumb, align, fit, join, fix and secure new and replacement drainage systems –construct structures of a drainage system (storm alleviation, culverts, inspection chambers, lateral drains, overflows, sumps, filter drains, sustainable urban drainage systems) –assemble pre ·cast components (metal, concrete, clay and plastic) of a drainage system structure (inspection chambers, street iron work) –connect and seal new systems to existing systems –prepare for conducting smoke, water, ball, air and mandrel tests on drainage systems –work, around and in close proximity to with plant and machinery including lifting equipment –store and dispose of removed drainage components –follow specified hygiene procedures particularly when dealing with foul water draining systems –recognise and determine when specialist skills and knowledge are required and report accordingly –determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance –use hand tools, power tools and equipment –work at height and below ground level –use access equipment. • 7.5 · Describe the needs of other occupations and how to communicate effectively within a team when installing drainage. • 7.6 · Describe how to maintain the tools and equipment used when installing drainage.

Assessment guidance and/or requirements : This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Please refer to the hyperlink for clarity - https://www.citb.co.uk/qualifications-standards/qualification-framework/
Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.
Workplace evidence of skills cannot be simulated.
This unit must be assessed against own area of work.
This unit must be assessed against ONE of the endorsements:
- inspection chamber

- surface water system
- foul water system.

Repairing and maintaining masonry structures in the workplace

Reference : M/617/9391

Level : Level 3

Credit Value : 25

Guided Learning Hours : 133

Grading Type : Pass/Fail

Aim : The aim of this unit is to illustrate the skills, knowledge and understanding required to confirm competence in Repairing and maintaining masonry structures in the workplace within the relevant sector of industry.

Learning Outcomes		Assessment Criteria
The Learner Will		The Learner Can
1	Interpret the given information relating to the work and resources when repairing and maintaining masonry structures.	• 1.1 · Interpret and extract relevant information from drawings, specifications, schedules, method statements, risk assessments and manufacturers' information. • 1.2 · Comply with information and/or instructions derived from risk assessments and method statements. • 1.3 · Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented. • 1.4 · Describe different types of information, their source and how they are interpreted in relation to: – drawings, specifications, current legislation, schedules, method statements, risk assessments, manufacturers' information, oral and written instructions, sketches, electronic data, official guidance and current regulations governing buildings associated with the repair and maintenance of masonry structures.
2	Know how to comply with relevant legislation and official guidance when repairing and maintaining masonry structures.	• 2.1 · Describe their responsibilities regarding potential accidents, health hazards and the environment, whilst working: – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement and storage of materials by manual handling and mechanical lifting. • 2.2 · Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company, operative and vehicles. • 2.3 · Explain what the accident reporting procedures are and who is responsible for making reports.
3	Maintain safe and healthy working practices when repairing and maintaining masonry structures.	• 3.1 · Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when repairing and maintaining masonry structures. • 3.2 · Demonstrate compliance with given information and relevant legislation when repairing and maintaining masonry structures 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

		repairing and maintaining masonry structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). • 3.4 · Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions. • 3.5 · Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task ·related activities.
4	Select the required quantity and quality of resources for the methods of work to repair and maintain masonry structures.	• 4.1 · Select resources associated with own work in relation to materials, components, fixings, tools and equipment. • 4.2 · Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: – bricks, blocks, natural stones, mortars, sand, lime, additives, frames, insulation, damp ·proof barriers, cloak systems, lintels and ties – fittings and fixings – hand and power tools and equipment. • 4.3 · Describe how to confirm that the resources and materials conform to the specification. • 4.4 · Describe how the resources should be used correctly and how problems associated with the resources are reported. • 4.5 · Explain why the organisational procedures have been developed and how they are used for the selection of required resources. • 4.6 · Describe any potential hazards associated with the resources and methods of work. • 4.7 · Describe how to calculate quantity, length, area and wastage of materials associated with the method and procedure to repair and maintain masonry structures.
5	Minimise the risk of damage to the work and surrounding area when repairing and maintaining masonry structures.	• 5.1 · Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures. • 5.2 · Maintain a clear and tidy work space. • 5.3 · Dispose of waste in accordance with current legislation. • 5.4 · Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions. • 5.5 · Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance.
6	Complete the work within the allocated time when repairing and maintaining masonry structures.	• 6.1 · Demonstrate completion of the work within the estimated allocated time. • 6.2 · Describe the purpose of the work programme and explain why deadlines should be kept in relation to: – types of productivity targets and time scales – how times are estimated – organisational procedures for reporting circumstances which will affect the work programme.
7	Comply with the given contract information to repair and maintain	• 7.1

	masonry structures to the required specification.	· Demonstrate the following work skills when repairing and maintaining masonry structures: – measure, mark out, cut, remove, lay, position and secure. • 7.2 · Use and maintain hand and power tools, and equipment. • 7.3 · Prepare, repair and maintain existing brick and/or block masonry and/or local material structures to given working instructions for at least three of the following: – match existing materials – continue existing bonding – match existing quality of structure – form openings – prop existing walls and floors – form internal and external angles. • 7.4 · Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: – prepare, repair and maintain existing masonry structures in bricks, blocks and thin joint blocks or local materials and styles – identify materials and components and restore structures to original state – form joint finishes – form openings – prop existing walls and floors – form and maintain the integrity of cavities – position, fix and bed damp ·proof barriers cloak systems and cavity trays – form and install weep holes and vents – form internal and external angles – position, bond and tape insulation materials – install and maintain the integrity of fire barriers and breaks – dress surfaces – form finishes – mix mortars – recognise and determine when specialist skills and knowledge are required and report accordingly – determine specific requirements for structures of special interest, traditional build (pre 1919) and historical significance – identify and follow the installation quality requirements – work with, around and in close proximity to plant and machinery – use hand and power tools, and equipment – work at height – use access equipment. • 7.5 · Describe the needs of other occupations and how to communicate effectively within a team when repairing and maintaining masonry structures. • 7.6 · Describe how to maintain the tools and equipment used when repairing and maintaining masonry structures.

Assessment guidance and/or requirements : This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Please refer to the hyperlink for clarity - https://www.citb.co.uk/qualifications-standards/qualification-framework/
Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy.
Workplace evidence of skills cannot be simulated.
Group 1:
One of the following endorsements required:
-Brick
-Block
-Local material.

Group 2:
Plus three of the following:
-Match existing materials
-Continue existing bonding
-Match existing quality of structure
-Form openings
-Prop existing walls and floors
-Form internal and external angles.

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