

Qualification and Assessment Specification

NOCN Level 3 NVQ Diploma in Trowel Occupations (Construction)

Qualification No: 603/0265/3

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Introduction

NOCN is a leading awarding organisation that has been creating opportunities for learners for over 30 years. It is the organisation preserving the proud heritage of the Open College Network (OCN) in the UK and is a brand trusted by learners, colleges, training providers and employers who recognise NOCN qualifications as an indicator of competence and quality. A NOCN qualification recognises a learner's skills and knowledge and can support progression to employment, training and/or further education.

In addition to being an awarding organisation NOCN is also an apprenticeship assessment organisation and works internationally as well as in the UK.

This document is a resource for NOCN centres that wish to offer the NOCN Level 3 NVQ Diploma in Trowel Occupations (Construction) and provides guidance to support delivery of the qualification.

The qualification is relevant to organisations within the construction sector.

Additional documents available to support the qualification and the location:

Consolidated Assessment Strategy:

<http://www.citb.co.uk/qualifications-standards/qualification-framework/>

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1. Overview of Qualification

This qualification is vocationally based and as such, offers the opportunity for learners to demonstrate an achievement of practical skills, understanding and knowledge in the workplace. Learners will gain knowledge on generic skills such as health and safety, confirming occupational methods, activities and resources and maintaining working relationships. They will also demonstrate their skills in setting out and erecting masonry and complex masonry structures. In addition learners will need to complete one optional component to further demonstrate their trowel occupation skills.

This qualification has been developed with reference to the National Occupational Standards (NOS) and completion of the qualification will provide learners with evidence of their occupational competence and could enable them to progress onto additional training at this level such as the NOCN Level 3 NVQ Diploma in Occupational Work Supervision.. Achievement of this qualification will provide the evidence required for the learner to apply for their Gold – Advanced Craft Construction Skills Certification Scheme (CSCS) - card. Further information on CSCS cards can be found here: <https://www.cscs.uk.com>.

The qualification will confirm occupational competence and/or 'license to practice'

This qualification has been developed for inclusion in the apprenticeship framework Construction Building (England) Framework, Level 3: Apprenticeship in Construction Building Pathway 1: Trowel Occupations and links to the national occupational standards for trowel occupations.

1.1. Entry Requirements

Learners must be aged 16 and over and as a NVQ they must be employed in an appropriate role to be able to generate evidence of competence and simulation is not allowed. Colleges/training providers must ensure that all learners have the ability and attributes to achieve the qualification given access to the appropriate facilities, resources, training and support within a college/training provider and workplace setting. This could include a relevant level of literacy and numeracy.

1.2. Progression Routes

Achievement of this qualification confirms the learner has gained the knowledge and skills required to:

- work in trowel occupations.
- progress onto a Level 3 qualification in workplace supervision or a foundation degree in Construction Project Management supporting progression into supervisory and management roles.

2. Qualification Details

2.1 Qualification Structure

The NOCN Level 3 NVQ Diploma in Trowel Occupations (Construction) is a **150** credit qualification with a Total Qualification Time (TQT) of 1,500 hours including 641 Guided Learning Hours (GLH).

Learners **must** achieve all mandatory components gaining 136 credits from Mandatory Group A plus a minimum of 14 credits from Mandatory Group B.

Mandatory Group A

Component Title	Level	Credit Value	Mandatory or Optional	Ofqual Reference Number
Erecting Masonry Structures in the Workplace	2	27	M	H/508/6308
Setting Out Masonry Structures in the Workplace	2	22	M	T/615/0409
Setting Out Complex Masonry Structures in the Workplace	3	26	M	K/615/0410
Erecting Complex Masonry Structures in the Workplace	3	30	M	M/615/0411
Confirming Work Activities and Resources for an Occupational Work Area in the Workplace	3	10	M	A/507/8800
Developing and Maintaining Good Occupational Working Relationships in the Workplace	5	8	M	L/507/8803
Confirming the Occupational Method of Work in the Workplace	3	11	M	R/507/8804
Conforming to General Health, Safety and Welfare in the Workplace	1	2	M	R/507/8950

Mandatory Group B

Unit Title	Level	Credit Value	Mandatory or Optional	Ofqual Unit Reference Number
Erecting Masonry Cladding in the Workplace	2	24	O	T/615/0457
Erecting Thin Joint Masonry	2	23	O	R/615/0417

Structures in the Workplace				
Placing and Finishing Non-specialist Concrete in the Workplace	2	21	O	J/507/8802
Maintaining Slate and Tile Roofing in the Workplace	2	14	O	A/615/0413
Repairing and Maintaining Masonry Structures in the Workplace	3	22	O	F/615/0414
Producing Internal Solid Plastering Finishes in the Workplace	2	23	O	J/615/0415
Applying Solid Render to Background Surfaces and Producing Finishes in the Workplace	2	27	O	L/615/0416
Installing Drainage in the Workplace	2	19	O	A/507/8764

2.2 Total Qualification Time (TQT)

Through consultation with users, TQT has been agreed by considering the total number of learning hours required for the average learner to achieve this qualification.

TQT is split into two areas:

- Guided Learning Hours (GLH):
 - learning activity under the immediate guidance or supervision of a lecturer, supervisor, tutor or other appropriate provider of education or training
 - includes the activity of being assessed if the assessment takes place under the immediate guidance or supervision of a lecturer, supervisor, tutor or other appropriate provider of education or training.
- Other Learning Hours (OLH):
 - an estimate of the number of hours a learner will spend, as directed by (but not under the immediate guidance or supervision of) a lecturer, supervisor, tutor or other appropriate provider of education or training, including:
 - preparatory work
 - self-study
 - or any other form of education or training, including assessment.

Examples of GLH activities include:

- Classroom-based learning supervised by a teacher
- Work-based learning supervised by a teacher
- Live webinar or telephone tutorial with a teach in real time
- E-learning supervised by a teacher in real time
- All forms of assessment which take place under the immediate guidance or supervision of an appropriate provider of training
- Exam time

Examples of OLH activities include:

- Independent and unsupervised research/learning
- Unsupervised compilation of a portfolio of work experience
- Unsupervised e-learning
- Unsupervised e-assessment
- Unsupervised coursework
- Watching a pre-recorded podcast or webinar
- Unsupervised work-based learning

The agreed Total Qualification Time has been used to identify the qualification's Credit Value.

2.3 Assessment and Evidence

This qualification is **internally** set and **internally** assessed. Assessment activity must ensure evidence of achievement against **all** of the assessment criteria specified within each component.

Centres must ensure that knowledge based learning is at the correct level for the qualification, and relevant to the work or events likely to be encountered in the course of a **trowel occupations** job role.

Assessment activities must be robust in that they are:

Valid Fit for purpose in that they are suitable for the identified assessment criteria and offer the learner the opportunity to demonstrate achievement at the required level.

Sufficient Provide the opportunity for the learner to provide adequate evidence, showing full coverage of the requirements of the assessment criteria.

Reliable Generate clear and consistent outcomes recognising that the activities may be applied to differing scenarios and in different contexts, with different learners. The evidence sought by the activity must be able to be assessed and result in assessment decisions that are consistent across all assessors and centres offering the qualification. Assessment activities should not deliberately offer an unfair advantage to or disadvantage specific groups of learners.

Authentic Evidence presented must be the learner's own work.

2.4 Fair and Equitable Assessment

Assessment must be designed to 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.

2.5 Learners with Particular Requirements

If you are a NOCN Recognised Centre and have learners with particular requirements, please see the **NOCN Reasonable Adjustments Policy and Procedure** within the Centres, NOCN Centres, Processes and Documents Section on 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 Recognition process requires the centre to hold policy statements on Equal Opportunities, Diversity and Disability Discrimination which will be reviewed by NOCN. Please contact compliance@nocn.org.uk for further details.

2.6 Recognised 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

2.7 Assessment and Evidence for the components

Internally set assessments

Centres can use the following assessment methods:

- Observation of Performance in the Work Environment
- Examining Products of Work
- Oral / Written Questioning
- Discussion with the Learner
- Use of Others (Witness Testimony)
- Looking at Learner Statements
- Recognising Prior Learning
- Skills Tests
- Assignments
- Projects
- Case Studies

Which can be presented in a portfolio of evidence.

Forms and guidance for gathering learner evidence against the individual assessment criteria are available for download in Word format on the NOCN website:

http://www.nocn.org.uk/qualifications_and_units/additional_qualification_documents.

Alternatively, centres can use their own paperwork provided they ensure that the learners' work is ordered and portfolio references provided as required.

3. Centre Information

3.1 Required Resources for Delivering the Qualification

As part of the requirement to deliver this qualification there is an expectation that staff undertaking roles as part of the delivery and assessment of the qualification have a demonstrable level of expertise.

NOCN expects that Tutors and Assessors are able to demonstrate the following competencies:

3.1.1 Tutor Requirements

NOCN expects Tutors/Assessors to have sufficient, verifiable, relevant current industry experience, knowledge and understanding of the occupational working area at, or above, the level being assessed. This must be of sufficient depth to be effective and reliable when judging candidates' competence. Assessors' experience, knowledge and understanding could be verified by a combination of:

- curriculum vitae and employer endorsement
- possession of a relevant NVQ/SVQ, or vocationally related qualification
- corporate membership of a relevant professional institution
- interview

(The verification process must be recorded and available for audit)

3.1.2 Assessor Requirements

In accordance with the Consolidated Assessment Strategy for Construction and the Built Environment – Craft, Supervisory, Managerial and Professional National Vocational Qualifications (NVQs) and Scottish Vocational Qualifications (SVQs) NOCN expects assessors to have sufficient, verifiable, relevant current industry experience, knowledge and understanding of the occupational working area at, or above, the level being assessed. This must be of sufficient depth to be effective and reliable when judging candidates' competence. Assessors' experience, knowledge and understanding could be verified by a combination of:

- curriculum vitae and employer endorsement or references
- possession of a relevant NVQ/SVQ, or vocationally related qualification
- corporate membership of a relevant professional institution
- interview

(The verification process must be recorded and available for audit)

Assessors must have sufficient occupational expertise so they have up to date experience, knowledge and understanding of the particular aspects of work they are assessing. This could be verified by records of continuing professional development achievements. They should only assess in their acknowledged area of occupational

competence, have a sound, in-depth knowledge of, and uphold the integrity of, the sector's NOS and the Assessment Strategy (this document) and be prepared to participate in training activities for their continued professional development.

Assessors must hold, or be working towards, a qualification as listed within 'Assessing and Assuring Quality of Assessment':

- RQF/QCF Level 3 Award in Assessing Competence in the Work Environment
- RQF/QCF Level 3 Award in Assessing Vocationally Related Achievement
- RQF/QCF Level 3 Certificate in Assessing Vocationally Related Achievement
- RQF/QCF Level 3 Certificate in Assessing Vocational Achievement
- an appropriate Assessor qualification in the SCQF as identified by SQA Accreditation

or hold one of the following:

- A1 Assess candidates using a range of methods
- D32/33 Assess candidate performance, using differing sources of evidence

Holders of A1 and D32/33 must assess to the current National Occupational Standards (NOS) for Learning and Development.

In Scotland, approval for exemptions must be obtained from the SQA Accreditation.

3.1.3 Internal Quality Assurer Requirements

Each centre must have internal quality assurance (formally internal verification) policies and procedures in place to ensure that decisions made by assessors are appropriate, consistent, fair and transparent, and that they do not discriminate against any learner. The policies and procedures must be sufficient to secure the quality of the award, ensuring validity, reliability, and consistency.

Internal Quality Assurers must have sufficient, verifiable, relevant up to date experience, knowledge and understanding of the occupational working area at, or above, the level being verified. This must be of sufficient depth to be effective and reliable when verifying judgments about assessors' assessment processes and decisions. Internal verifiers' experience, knowledge and understanding could be verified by a combination of:

- curriculum vitae and employer endorsement or references
- possession of a relevant NVQ/SVQ, or vocationally related qualification
- corporate membership of a relevant professional institution
- interview

(The verification process must be recorded and available for audit)

Internal Quality Assurers must have expertise so they have up to date experience, knowledge and understanding of the particular aspects of work they are verifying. This could be verified by records of continuing professional development achievements. They

must have a sound, in-depth knowledge of, and uphold the integrity of, the sector's NOS and the Assessment Strategy and be prepared to participate in training activities for their continued professional development

Internal Quality Assurers must hold, or be working towards, a qualification as listed in 'Assessing and Assuring Quality of Assessment':

- RQF/QCF Level 4 Award in the Internal Quality Assurance of the Assessment Process and Practice
- RQF/QCF Level 4 Certificate in Leading the Internal Quality Assurance of Assessment Process and Practice
- an appropriate Internal Verifier qualification in the SCQF as identified by SQA Accreditation

or hold one of the following:

- V1 Conduct internal quality assurance of the assessment process
- D34 Internal verify the assessment process

Holders of V1/D34 must quality assure to the current National Occupational Standards (NOS) for Learning and Development.

It is strongly recommended that within the role of Internal Quality Assurance one of the following qualifications is held:

- RQF/QCF Level 3 Award in Assessing Competence in the Work Environment
- RQF/QCF Level 3 Certificate in Assessing Vocational Achievement
- an appropriate Assessor qualification in the SCQF as identified by SQA Accreditation

or one of the following:

- A1 Assess candidates using a range of methods
- D32/33 Assess candidate performance, using differing sources of evidence.

Note: Selection and appointment of **assessors and verifiers**

All applicants should be advised that they may be interviewed. Applicants' CVs should be profiled against the activities and range of the NVQ/SVQ(s) they will assess/verify to check that the applicant has the relevant current experience, knowledge and understanding of the occupational working area:

- at, or above, the level they will be assessing
- of sufficient depth to credibly verify judgements and assessments
- to uphold the integrity of the NOS and this Consolidated Assessment Strategy.

All assessors should have experience as well as, not in lieu of, qualifications. Where there seem to be gaps in a potentially suitable applicant's experience and knowledge, the applicant should be interviewed. Successful applicants' CVs, profiling, reasons for not needing to interview and interview records should be available for audit.

3.1.4 Continuing Professional Development (CPD)

Centres are expected to support their staff, ensuring that their subject knowledge remains current and that their members of staff are up to date with regards to best practice in delivery, assessment and quality assurance.

3.1.5 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 recognised status.

The External Quality Assurer will make regular visits to all Centres. During these visits he/she will:

- Monitor the Centre's compliance with the Centre Recognition agreement by reviewing course documentation, meeting managers, tutors, internal quality assurers, learners and administrative staff.
- Verify the Award of Credit using the Recommendation for the Award of Credit form (RAC).

Refer to the NOCN Quality Assurance User Guide for further information on the External Quality Assurance process.

3.2 Offering the qualification

Existing Centres

If you are already recognised to offer NOCN qualifications and would like more information about offering this qualification, please contact:
business-enquiries@nocn.org.uk.

Use Horizon to add this qualification to your centre.

New Centres

If you are interested in offering this qualification, but are not yet a NOCN Approved Centre and would like more information about becoming a NOCN centre and offering this qualification please see **Become a Registered Centre** on our website www.nocn.org.uk and complete the New Business Enquiry Form.

4. Component Information

This qualification consists of **8 mandatory** components and 8 optional components.

To achieve this qualification a learner **must** provide evidence of learning and achievement against **all** of the assessment criteria within each component. However a number of assessment criteria can be taught and assessed through one activity using holistic assessment which focuses on the whole work activity rather than specific component of a qualification.

A copy of each of the components follows:

4.1 Mandatory Components

Mandatory Group A

Unit Title	Erecting Masonry Structures in the Workplace
Ofqual unit reference number (code)	H/508/6308
Unit Level	Level 2
GLH	100
Unit Credit Value	27
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. 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.</p> <p>One of the following endorsements required Brick and blockwork Local material</p>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
<p>1. Interpret the given information relating to the work and resources when erecting masonry structures.</p>	<p>1.1. Interpret and extract relevant information from drawings, risk assessments, method statements, specifications, schedules and manufacturers' information.</p> <p>1.2. Comply with information and/or instructions derived from risk assessments and method statements.</p> <p>1.3. Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.</p> <p>1.4. Describe different types of information, their source and how they are interpreted in relation to: – drawings, specifications, risk assessments, method statements, schedules, manufacturers' information and regulations governing buildings.</p>

<p>2. Know how to comply with relevant legislation and official guidance when erecting masonry structures.</p>	<p>2.1. Describe their responsibilities regarding potential accidents and health hazards, whilst working: – in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.</p> <p>2.2. Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.</p> <p>2.3. Explain what the accident reporting procedures are and who is responsible for making reports.</p>
<p>3. Maintain safe and healthy working practices when erecting masonry structures.</p>	<p>3.1. Use health and safety control equipment and access equipment safely to carry out the activity in accordance with current legislation and organisational requirements when erecting masonry structures.</p> <p>3.2. Comply with information relating to specific risks to health when erecting masonry structures.</p> <p>3.3. Explain why and when health and safety control equipment, identified by the principles of protection, 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).</p> <p>3.4. Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.</p> <p>3.5. Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.</p>
<p>4. Select the required quantity and quality of resources for the methods of work to erect masonry structures.</p>	<p>4.1. Select resources associated with own work in relation to materials, components, fixings, tools and equipment.</p> <p>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, lintels, fixings, ties – hand and/or powered tools and equipment.</p> <p>4.3. Describe how the resources should be used</p>

	<p>correctly and how problems associated with the resources are reported.</p> <p>4.4. Explain why the organisational procedures have been developed and how they are used for the selection of required resources.</p> <p>4.5. Describe any potential hazards associated with the resources and methods of work.</p> <p>4.6. Describe how to calculate quantity, length, area and wastage associated with the method/procedure to erect masonry structures.</p>
<p>5. Minimise the risk of damage to the work and surrounding area when erecting masonry structures.</p>	<p>5.1. Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.</p> <p>5.2. Minimise damage and maintain a clean work space.</p> <p>5.3. Dispose of waste in accordance with current legislation.</p> <p>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.</p> <p>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.</p>
<p>6. Complete the work within the allocated time when erecting masonry structures.</p>	<p>6.1. Demonstrate completion of the work within the allocated time.</p> <p>6.2. Describe the purpose of the work programme and explain why deadlines should be kept in relation to:</p> <ul style="list-style-type: none"> – types of progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.
<p>7. Comply with the given contract information to erect masonry structures to the required specification.</p>	<p>7.1. Demonstrate the following work skills when erecting masonry structures:</p> <ul style="list-style-type: none"> – measuring, marking out, laying, positioning and securing. <p>7.2. Erect masonry in brick and block and/or local materials to given working instructions for the following:</p> <ul style="list-style-type: none"> – cavity wall structures – blockwork structures – solid wall structures – door and window openings - joint finishes.

	<p>7.3. Safely use materials, hand tools, portable power tools and ancillary equipment.</p> <p>7.4. Safely store the materials, tools and equipment used when erecting masonry structures.</p> <p>7.5. Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none">- erect cavity walling and solid walling using brick and block and local materials- erect walling of the local style- lay blocks (traditional and thin joint)- determine brick and block bonds- form joint finishes- form openings for doors and windows- prop and support structures- complete and remove temporary works- position insulation materials- position damp-proof barriers, cavity trays and weep holes- position wall ties- mix mortar- use hand tools, power tools and equipment- work with plant and machinery- work at height- use access equipment. <p>7.6. Describe the needs of other occupations and how to effectively communicate within a team when erecting masonry structures.</p> <p>7.7. Describe how to maintain the tools and equipment used when erecting masonry structures.</p>
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Unit Title	Setting Out Masonry Structures in the Workplace
Ofqual unit reference number (code)	T/615/0409
Unit Level	Level 2
GLH	70
Unit Credit Value	22
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. 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.</p> <p>One of the following endorsements required</p> <p>Brick</p> <p>Block</p> <p>Local Material</p>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
<p>1. Interpret the given information relating to the work and resources when setting out masonry structures.</p>	<p>1.1. Interpret and extract relevant information from drawings, risk assessments, method statements, specifications, schedules and manufacturers' information.</p> <p>1.2. Comply with information and/or instructions derived from risk assessments and method statements.</p> <p>1.3. Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.</p> <p>1.4. Describe different types of information, their source and how they are interpreted in relation to: – drawings, specifications, risk assessments, method statements, schedules, manufacturers' information and regulations governing buildings.</p>
<p>2. Know how to comply with relevant legislation</p>	<p>2.1. Describe their responsibilities regarding potential accidents and health hazards, whilst working:</p>

<p>and official guidance when setting out masonry structures.</p>	<ul style="list-style-type: none"> – in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. <p>2.2. Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.</p> <p>2.3. Explain what the accident reporting procedures are and who is responsible for making reports.</p>
<p>3. Maintain safe and healthy working practices when setting out masonry structures.</p>	<p>3.1. Use health and safety control equipment safely to carry out the activity in accordance with current legislation and organisational requirements when setting out masonry structures.</p> <p>3.2. Comply with information relating to specific risks to health when setting out masonry structures.</p> <p>3.3. Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to setting out masonry structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). <p>3.4. Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.</p> <p>3.5. Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.</p>
<p>4. Select the required quantity and quality of resources for the methods of work to set out masonry structures.</p>	<p>Select resources associated with own work in relation to hand tools, materials, components and fixings, and setting out equipment.</p> <p>4.1. Select resources associated with own work in relation to hand tools, materials, components and fixings, and setting out equipment.</p> <p>4.2. Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to:</p> <ul style="list-style-type: none"> – levels, lines, profiles, tape measures, pegs, squares and fixings - hand tools and setting out equipment. <p>4.3. Describe how the resources should be used correctly and how problems associated with the resources are reported.</p>

	<p>4.4. Explain why the organisational procedures have been developed and how they are used for the selection of required resources.</p> <p>4.5. Describe any potential hazards associated with the resources and methods of work.</p> <p>4.6. Describe how to calculate distances, length, levels and diagonals, quantity and area associated with the method/procedure to set out masonry structures.</p>
<p>5. Minimise the risk of damage to the work and surrounding area when setting out masonry structures.</p>	<p>5.1. Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.</p> <p>5.2. Minimise damage and maintain a clean work space.</p> <p>5.3. Dispose of waste in accordance with current legislation.</p> <p>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.</p> <p>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.</p>
<p>6. Complete the work within the allocated time when setting out masonry structures.</p>	<p>6.1. Demonstrate completion of the work within the allocated time.</p> <p>6.2. Describe the purpose of the work programme and explain why deadlines should be kept in relation to:</p> <ul style="list-style-type: none"> – types of progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.
<p>7. Comply with the given contract information to set out masonry structures to the required specification.</p>	<p>7.1. Demonstrate the following work skills when setting out masonry structures:</p> <ul style="list-style-type: none"> – measuring, marking out, levelling, plumbing, positioning and securing. <p>7.2. Set out regular shaped structures to given working instructions in one of the following:</p> <ul style="list-style-type: none"> – brick – block - local materials. <p>7.3. Safely use materials, hand tools and setting out equipment.</p> <p>7.4. Safely store the materials, tools and equipment used when setting out masonry structures.</p>

	<p>7.5. Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none">– set out brick, traditional and thin joint blocks and structures of local materials on level and sloping ground– construct corner profiles– plumb from ranging lines– transfer levels (spirit level, straight-edge, water levels and laser level) <p>- use hand tools and setting out equipment.</p> <p>7.6. Describe the needs of other occupations and how to effectively communicate within a team when setting out masonry structures.</p> <p>7.7. Describe how to maintain the tools and equipment used when setting out masonry structures.</p>
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Unit Title	Setting Out Complex Masonry Structures in the Workplace
Ofqual unit reference number (code)	K/615/0410
Unit Level	Level 3
GLH	40
Unit Credit Value	26
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. 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.</p> <p>One of the following endorsements required</p> <p>Curved Splayed Angled</p>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
<p>1. Interpret the given information relating to the work and resources when setting out complex masonry structures.</p>	<p>1.1. Interpret and extract relevant information from drawings, risk assessments, method statements, specifications, schedules, manufacturers' information and building regulations.</p> <p>1.2. Comply with information and/or instructions derived from risk assessments and method statements.</p> <p>1.3. Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.</p> <p>1.4. Describe different types of information, their source and how they are interpreted in relation to: – drawings, risk assessments, method statements, specifications, schedules, manufacturers' information and regulations governing buildings.</p>
<p>2. Know how to comply</p>	<p>2.1. Describe their responsibilities regarding potential</p>

<p>with relevant legislation and official guidance when setting out complex masonry structures.</p>	<p>accidents and health hazards, whilst working:</p> <ul style="list-style-type: none"> – in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. <p>2.2. Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.</p> <p>2.3. Explain what the accident reporting procedures are and who is responsible for making reports.</p>
<p>3. Maintain safe and healthy working practices when setting out complex masonry structures.</p>	<p>3.1. Use health and safety control equipment safely to carry out the activity in accordance with current legislation and organisational requirements when setting out complex masonry structures.</p> <p>3.2. Comply with information relating to specific risks to health when setting out complex masonry structures.</p> <p>3.3. Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to setting out complex masonry structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). <p>3.4. Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.</p> <p>3.5. Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.</p>
<p>4. Select the required quantity and quality of resources for the methods of work to set out complex masonry structures.</p>	<p>4.1. Select resources associated with own work in relation to materials, components and fixings, hand tools and setting out equipment.</p> <p>4.2. Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to:</p> <ul style="list-style-type: none"> – levels, lines, trammels, templates, profiles, tape measures, pegs, squares and fixings - hand tools and setting out equipment.

	<p>4.3. Describe how the resources should be used correctly and how problems associated with the resources are reported.</p> <p>4.4. Explain why the organisational procedures have been developed and how they are used for the selection of required resources.</p> <p>4.5. Describe any potential hazards associated with the resources and methods of work.</p> <p>4.6. Describe how to calculate quantity, length, area and wastage associated with the method/procedure to set out complex masonry structures.</p>
<p>5. Minimise the risk of damage to the work and surrounding area when setting out complex masonry structures.</p>	<p>5.1. Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.</p> <p>5.2. Minimise damage and maintain a clean work space.</p> <p>5.3. Dispose of waste in accordance with current legislation.</p> <p>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.</p> <p>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.</p>
<p>6. Complete the work within the allocated time when setting out complex masonry structures.</p>	<p>6.1. Demonstrate completion of the work within the allocated time.</p> <p>6.2. Describe the purpose of the work programme and explain why deadlines should be kept in relation to:</p> <ul style="list-style-type: none"> - types of progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.
<p>7. Comply with the given contract information to set out complex masonry structures to the required specification.</p>	<p>7.1. Demonstrate the following work skills when setting out complex masonry structures:</p> <ul style="list-style-type: none"> - measuring, marking out, levelling, positioning and securing. <p>7.2. Set out complex masonry structures on level and/or sloping ground to given working instructions for one of the following:</p> <ul style="list-style-type: none"> - curved - splayed - angled.

	<p>7.3. Safely use materials, hand tools and setting out equipment.</p> <p>7.4. Safely store the materials, tools and equipment used when setting out complex masonry structures.</p> <p>7.5. Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none">- set out and check regular and irregular shaped brick, traditional and thin joint blocks and structures of local materials and styles on level and sloping ground- set out and check curved and splayed, angled and battered brick and block and walls of local materials- construct profiles- transfer levels (spirit level, straight-edge, water levels, laser level, optical levels and ancillary equipment) <p>- use hand tools and setting out equipment.</p> <p>7.6. Describe the needs of other occupations and how to effectively communicate within a team when setting out complex masonry structures.</p> <p>7.7. Describe how to maintain the tools and equipment used when setting out complex masonry structures.</p>
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Unit Title	Erecting Complex Masonry Structures in the Workplace
Ofqual unit reference number (code)	M/615/0411
Unit Level	Level 3
GLH	140
Unit Credit Value	30
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. 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 except for the following items from assessment criteria 7.2 and must only form one of the three items required:- arches- chimney stacks or fireplaces.</p> <p>One of the following endorsements required Brick and Block Local material</p> <p>Plus three of the following endorsements required Arches Chimney stacks or fireplaces Walls with flush, projecting or decorative features Walls curved on plan Walls splayed on plan</p>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
<p>1. Interpret the given information relating to the work and resources when erecting complex masonry structures.</p>	<p>1.1. Interpret and extract relevant information from drawings, risk assessments, method statements, specifications, schedules and manufacturers' information.</p> <p>1.2. Comply with information and/or instructions derived from risk assessments and method statements.</p> <p>1.3. Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.</p>

	<p>1.4. Describe different types of information, their source and how they are interpreted in relation to:</p> <ul style="list-style-type: none"> – drawings, risk assessments, method statements, specifications, schedules, manufacturers' information and regulations governing buildings.
<p>2. Know how to comply with relevant legislation and official guidance when erecting complex masonry structures.</p>	<p>2.1. Describe their responsibilities regarding potential accidents and health hazards, whilst working:</p> <ul style="list-style-type: none"> – in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. <p>2.2. Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.</p> <p>2.3. Explain what the accident reporting procedures are and who is responsible for making reports.</p>
<p>3. Maintain safe and healthy working practices when erecting complex masonry structures.</p>	<p>3.1. Use health and safety control equipment and access equipment safely to carry out the activity in accordance with current legislation and organisational requirements when erecting complex masonry structures.</p> <p>3.2. Comply with information relating to specific risks to health when erecting complex masonry structures.</p> <p>3.3. Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to erecting complex masonry structures, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). <p>3.4. Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.</p> <p>3.5. Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.</p>
<p>4. Select the required quantity and quality of</p>	<p>4.1. Select resources associated with own work in relation to materials, components and fixings,</p>

<p>resources for the methods of work to erect complex masonry structures.</p>	<p>and tools and equipment.</p> <p>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, lintels, fixings and ties - hand and/or powered tools and equipment.</p> <p>4.3. Describe how the resources should be used correctly and how problems associated with the resources are reported.</p> <p>4.4. Explain why the organisational procedures have been developed and how they are used for the selection of required resources.</p> <p>4.5. Describe any potential hazards associated with the resources and methods of work.</p> <p>4.6. Describe how to calculate quantity, length, area and wastage associated with the method/procedure to erect complex masonry structures.</p>
<p>5. Minimise the risk of damage to the work and surrounding area when erecting complex masonry structures.</p>	<p>5.1. Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.</p> <p>5.2. Minimise damage and maintain a clean work space.</p> <p>5.3. Dispose of waste in accordance with current legislation.</p> <p>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.</p> <p>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.</p>
<p>6. Complete the work within the allocated time when erecting complex masonry structures.</p>	<p>6.1. Demonstrate completion of the work within the allocated time.</p> <p>6.2. Describe the purpose of the work programme and explain why deadlines should be kept in relation to: – types of progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.</p>
<p>7. Comply with the given contract information to erect complex masonry</p>	<p>7.1. Demonstrate the following work skills when erecting complex masonry structures: – measuring, checking, marking out, laying,</p>

<p>structures to the required specification.</p>	<p>positioning and securing.</p> <p>7.2. Erect complex masonry in brick and block and/or local materials to given working instructions, including forming joint finishes, for three of the following:</p> <ul style="list-style-type: none"> - arches - chimney stacks or fireplaces - walls with flush, projecting or decorative features - walls curved on plan - walls splayed on plan. <p>7.3. Safely use materials, hand tools, portable power tools and ancillary equipment.</p> <p>7.4. Safely store the materials, tools and equipment used when erecting complex masonry structures.</p> <p>7.5. Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - erect cavity walling and solid walling using brick, traditional and thin joint blocks and local materials - erect walls using local materials and styles - lay blocks (traditional and thin joint) - work overhand - form openings for doors and windows - install fixings, cramps and ties - form arches (rough, axed, purpose-made) - form walls flush, projecting and 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 <p>7.6. con't</p> <ul style="list-style-type: none"> - prop and support structures - complete and remove temporary works - form joint finishes - select and install vertical and horizontal reinforcement - position damp-proof barriers - mix mortar - work with plant and machinery - use hand tools, power tools and equipment - work at height - use access equipment.
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	<p>7.7. Describe the needs of other occupations and how to effectively communicate within a team when erecting complex masonry structures.</p> <p>7.8. Describe how to maintain the tools and equipment used when erecting complex masonry structures.</p>
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Unit Title	Confirming Work Activities and Resources for an Occupational Work Area in the Workplace
Ofqual unit reference number (code)	A/507/8800
Unit Level	Level 3
GLH	33
Unit Credit Value	10
Assessment Guidance	No endorsements for this unit

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: <ul style="list-style-type: none"> – 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: <ul style="list-style-type: none"> – contract conditions – contract programme

	<p>3.3 Evaluate the requirements of significant external factors that could affect the progress of work, in relation to:</p> <ul style="list-style-type: none"> – other related programmes – special working conditions – weather conditions – other occupations/people – resources – health and safety requirements.
<p>4 Identify work activities which influence each other and make the best use of the resources available.</p>	<p>4.1 Determine work activities that have an influence on each other.</p> <p>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.</p> <p>4.3 Explain different methods and sources that can identify which work activities influence each other.</p> <p>4.4 Describe how to determine the sequence of work activities and how long each work activity will take.</p> <p>4.5 Describe what zero and low carbon requirements are.</p> <p>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.</p>
<p>5 Identify changed circumstances that require alterations to the work programme and justify them to decision makers.</p>	<p>5.1 Evaluate project progress against the work programme to identify any changed circumstances.</p> <p>5.2 Inform line management and/or customers on the type and extent of any required changes to the work programme.</p> <p>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.</p> <p>5.4 Explain how to assess contractual/work effects resulting from alterations to the work programme.</p> <p>5.5 Explain the methods used to justify to decision makers on the effects resulting from alterations to the work programme.</p>

Unit Title	Developing and Maintaining Good Occupational Working Relationships in the Workplace
Ofqual unit reference number (code)	L/507/8803
Unit Level	Level 5
GLH	27
Unit Credit Value	8
Assessment Guidance	No endorsements for this unit

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
<p>1 Develop, maintain and encourage working relationships to promote good will and trust.</p>	<p>1.1 Give appropriate advice and information to relevant people about the occupational work activities and/or associated occupations involved.</p> <p>1.2 Apply the principles of equality and diversity by considering the needs of individuals when working and communicating with others.</p> <p>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.</p> <p>1.4 Explain the principles of equality and diversity and how to apply them when working and communicating with others.</p>
<p>2 Inform relevant people about work activities in an appropriate level of detail, with the appropriate level of urgency.</p>	<p>2.1 Communicate on the following work activity information to relevant people following organisational procedures:</p> <ul style="list-style-type: none"> – appropriate timescales – health and safety requirements – co-ordination of work procedures. <p>2.2 Explain the different methods and techniques used to inform relevant people about work activities.</p> <p>2.3 Explain the effects of not informing relevant people with the expected level of urgency.</p> <p>2.4 Explain the different types of work activity related information and to what level of detail the following people would expect to receive:</p> <ul style="list-style-type: none"> – colleagues – employers – customers – contractors

	<ul style="list-style-type: none"> – suppliers of products and services – other people affected by the work/project.
<p>3 Offer advice and help to relevant people about work activities and encourage questions/requests for clarification and comments.</p>	<p>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.</p> <p>3.2 Explain the techniques of encouraging questions and/or requests for clarification and comments.</p> <p>3.3 Explain the different ways of offering advice and help to different people about work activities, in relation to:</p> <ul style="list-style-type: none"> – progress – results – achievements – occupational problems – occupational opportunities – health and safety requirements – co-ordinated work.
<p>4 Clarify proposals with relevant people and discuss alternative suggestions.</p>	<p>4.1 Engage regular discussions with relevant people about the occupational work activity and/or other occupations involved.</p> <p>4.2 Explain the methods of clarifying alternative proposals with relevant people.</p> <p>4.3 Explain the methods of suggesting alternative proposals.</p>
<p>5 Resolve differences of opinion in ways that minimise offence and maintain goodwill, trust and respect.</p>	<p>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.</p> <p>5.2 Explain the methods and techniques used to resolve differences of opinion in ways which minimise offence and maintain goodwill, trust and respect.</p>

Unit Title	Confirming the Occupational Method of Work in the Workplace
Ofqual unit reference number (code)	R/507/8804
Unit Level	Level 3
GLH	37
Unit Credit Value	11
Assessment Guidance	No endorsements for this unit

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
<p>1 Assess available project data accurately to determine the occupational method of work.</p>	<p>1.1 Interpret and extract information from drawings, specifications, schedules, manufacturer's information, methods of work, risk assessments and programmes of work.</p> <p>1.2 Explain how to summarise the following project data:</p> <ul style="list-style-type: none"> – required quantities – specifications – detailed drawings – health and safety requirements – timescales – scope of works. <p>1.3 Explain the different methods of assessing available project data.</p> <p>1.4 Explain how to use project data to interpret the work method, In relation to:</p> <ul style="list-style-type: none"> – standard work procedures – sequence of work – organisation of resources (people, equipment, materials) – work techniques – working conditions (health, safety and welfare) – risk assessment.
<p>2 Obtain additional information from alternative sources in cases where the available project data is insufficient.</p>	<p>2.1 Collect and collate additional information from alternative sources to clarify the work to be carried out.</p> <p>2.2 Explain different methods and techniques of obtaining additional information from the following alternative sources when available project data is insufficient:</p> <ul style="list-style-type: none"> – customers or representatives

	<ul style="list-style-type: none"> – suppliers – regulatory authorities – manufacturer’s literature.
<p>3 Identify work methods that will make best use of resources and meet project, statutory and contractual requirements.</p>	<p>3.1 Examine potential work methods to carry out the occupational work activity.</p> <p>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</p> <p>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:</p> <ul style="list-style-type: none"> – 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. <p>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:</p> <ul style="list-style-type: none"> – conforming to statutory requirements – customer and user needs – contract requirements in terms of time, quantity and quality – environmental considerations. <p>3.5 Explain how different methods of work can achieve zero/low carbon outcomes.</p>
<p>4 Confirm and communicate the selected work method to relevant personnel.</p>	<p>4.1 Confirm the selected occupational work method that meets project, statutory and contractual requirements.</p> <p>4.2 Communicate appropriately to relevant people on the selected occupational work method.</p> <p>4.3 Describe the different techniques and methods of confirming and communicating work methods to relevant people.</p> <p>4.4 Explain the principles of equality and diversity and how to apply them when working and communicating with others.</p>

Unit Title	Conforming to General Health, Safety and Welfare in the Workplace.
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Ofqual unit reference number (code)	R/507/8950
Unit Level	Level 1
GLH	7
Unit Credit Value	2
Assessment Guidance	No endorsements for this unit

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
<p>1. Comply with all workplace health, safety and welfare legislation requirements.</p>	<p>1.1. Comply with information from workplace inductions and any health, safety and welfare briefings attended relevant to the occupational area.</p> <p>1.2. Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements.</p> <p>1.3. Comply with statutory requirements, safety notices and warning notices displayed within the workplace and/or on equipment.</p> <p>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:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). <p>1.5. State how the health and safety control equipment relevant to the work should be used in accordance with the given instructions.</p> <p>1.6. State which types of health, safety and welfare legislation, notices and warning signs are relevant to the occupational area and associated equipment.</p> <p>1.7. State why health, safety and welfare legislation, notices and warning signs are relevant to the occupational area.</p> <p>1.8. State how to comply with control measures that have been identified by risk assessments and safe systems of work.</p>

<p>2. Recognise hazards associated with the workplace that have not been previously controlled and report them in accordance with organisational procedures.</p>	<p>2.1. Report any hazards created by changing circumstances within the workplace in accordance with organisational procedures.</p> <p>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.</p> <p>2.3. List the current Health and Safety Executive top ten safety risks.</p> <p>2.4. List the current Health and Safety Executive top five health risks.</p> <p>2.5. State how changing circumstances within the workplace could cause hazards.</p> <p>2.6. State the methods used for reporting changed circumstances, hazards and incidents in the workplace.</p>
<p>3. Comply with organisational policies and procedures to contribute to health, safety and welfare.</p>	<p>3.1. Interpret and comply with given instructions to maintain safe systems of work and quality working practices.</p> <p>3.2. Contribute to discussions by offering/providing feedback relating to health, safety and welfare.</p> <p>3.3. Contribute to the maintenance of workplace welfare facilities in accordance with workplace welfare procedures.</p> <p>3.4. Safely store health and safety control equipment in accordance with given instructions.</p> <p>3.5. Dispose of waste and/or consumable items in accordance with legislation.</p> <p>3.6. State the organisational policies and procedures for health, safety and welfare, in relation to:</p> <ul style="list-style-type: none"> – dealing with accidents and emergencies associated with the work and environment – methods of receiving or sourcing information – reporting – stopping work – evacuation – fire risks and safe exit procedures – consultation and feedback. <p>3.7. State the appropriate types of fire extinguishers relevant to the work.</p> <p>3.8. State how and when the different types of fire extinguishers are used in accordance with legislation and official guidance.</p>
<p>4. Work responsibly to contribute to workplace health, safety and welfare whilst carrying</p>	<p>4.1. Demonstrate behaviour which shows personal responsibility for general workplace health, safety and welfare.</p> <p>4.2. State how personal behaviour demonstrates</p>

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

4.2. Mandatory Group B

Unit Title	Erecting Masonry Cladding in the Workplace
Ofqual unit reference number (code)	T/615/0457
Unit Level	Level 2
GLH	80
Unit Credit Value	24
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. 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.</p> <p>One of the following endorsements required Brick and Block Local material Plus one of the following endorsements required Timber frame structures Concrete structures Steel structures Existing structures</p>

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, risk assessments, method statements, specifications, schedules and manufacturers' information. 1.2. Comply with information and/or instructions derived from risk assessments and method statements. 1.3. Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented. 1.4. Describe different types of information, their

	<p>source and how they are interpreted in relation to:</p> <ul style="list-style-type: none"> – drawings, specifications risk assessments, method statements, schedules, manufacturers' information and regulations governing buildings.
<p>2. Know how to comply with relevant legislation and official guidance when erecting masonry cladding.</p>	<p>2.1. Describe their responsibilities regarding potential accidents and health hazards, whilst working:</p> <ul style="list-style-type: none"> – in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. <p>2.2. Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.</p> <p>2.3. Explain what the accident reporting procedures are and who is responsible for making reports.</p>
<p>3. Maintain safe and healthy working practices when erecting masonry cladding.</p>	<p>3.1. Use health and safety control equipment and access equipment safely to carry out the activity in accordance with current legislation and organisational requirements when erecting masonry cladding.</p> <p>3.2. Comply with information relating to specific risks to health when erecting masonry cladding.</p> <p>3.3. Explain why and when health and safety control equipment, identified by the principles of protection, 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:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). <p>3.4. Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.</p> <p>3.5. Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.</p>
<p>4. Select the required quantity and quality of resources for the methods of work to erect masonry cladding.</p>	<p>4.1. Select resources associated with own work in relation to materials, components and fixings, and tools and equipment.</p> <p>4.2. Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to:</p>

	<ul style="list-style-type: none"> – bricks, blocks, mortars, frames, insulation, damp-proof barriers, lintels, fixings and ties - hand and/or powered tools and equipment. <p>4.3. Describe how the resources should be used correctly and how problems associated with the resources are reported.</p> <p>4.4. Explain why the organisational procedures have been developed and how they are used for the selection of required resources.</p> <p>4.5. Describe any potential hazards associated with the resources and methods of work.</p> <p>4.6. Describe how to calculate quantity, length, area and wastage associated with the method/procedure to erect masonry cladding.</p>
<p>5. Minimise the risk of damage to the work and surrounding area when erecting masonry cladding.</p>	<p>5.1. Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.</p> <p>5.2. Minimise damage and maintain a clean work space.</p> <p>5.3. Dispose of waste in accordance with current legislation.</p> <p>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.</p> <p>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.</p>
<p>6. Complete the work within the allocated time when erecting masonry cladding.</p>	<p>6.1. Demonstrate completion of the work within the allocated time.</p> <p>6.2. Describe the purpose of the work programme and explain why deadlines should be kept in relation to:</p> <ul style="list-style-type: none"> – types of progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.
<p>7. Comply with the given contract information to erect masonry cladding to the required specification.</p>	<p>7.1. Demonstrate the following work skills when erecting masonry cladding:</p> <ul style="list-style-type: none"> – measuring, marking out, laying, positioning and securing. <p>7.2. Erect brick and block and/or local material cladding to given working instructions, including the formation of door and window openings and joint finishes, for one of the following structures:</p>

	<ul style="list-style-type: none">- pre-erected timber frame- pre-erected concrete- pre-erected steel- existing. <p>7.3. Safely use materials, hand tools, portable power tools and ancillary equipment.</p> <p>7.4. Safely store the materials, tools and equipment used when erecting masonry cladding.</p> <p>7.5. Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none">- erect brick, traditional and thin joint blocks cladding to pre-erected timber frame, concrete, steel and existing structures- clad structures using local materials- lay bricks, blocks (traditional and thin joint)- form joint finishes- form openings for doors and windows- prop and support structures- complete and remove temporary structures- position damp-proof barriers- mix mortar- use hand tools, power tools and equipment- work with plant and machinery- work at height- use access equipment. <p>7.6. Describe the needs of other occupations and how to effectively communicate within a team when erecting masonry cladding.</p> <p>7.7. Describe how to maintain the tools and equipment used when erecting masonry cladding.</p>
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Unit Title	Erecting Thin Joint Masonry Structures in the Workplace
Ofqual unit reference number (code)	R/615/0417
Unit Level	Level 2
GLH	60
Unit Credit Value	23
Assessment Guidance	This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.

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, risk assessments, method statements, specifications, schedules and manufacturers' information. 1.2. Comply with information and/or instructions derived from risk assessments and method statements. 1.3. Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented. 1.4. Describe different types of information, their source and how they are interpreted in relation to: – drawings, risk assessments, method statements, specifications, schedules, manufacturers' information and regulations governing buildings.
2. Know how to comply with relevant legislation and official guidance when erecting thin joint masonry structures.	2.1. Describe their responsibilities regarding potential accidents and health hazards, whilst working: – in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials

	<p>and by manual handling and mechanical lifting.</p> <p>2.2. Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.</p> <p>2.3. Explain what the accident reporting procedures are and who is responsible for making reports.</p>
<p>3. Maintain safe and healthy working practices when erecting thin joint masonry structures.</p>	<p>3.1. Use health and safety control equipment and access equipment safely to carry out the activity in accordance with current legislation and organisational requirements when erecting thin joint masonry structures.</p> <p>3.2. Comply with information relating to specific risks to health when erecting thin joint masonry structures.</p> <p>3.3. Explain why and when health and safety control equipment, identified by the principles of protection, 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:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). <p>3.4. Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.</p> <p>3.5. Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.</p>
<p>4. Select the required quantity and quality of resources for the methods of work to erect thin joint masonry structures.</p>	<p>4.1. Select resources associated with own work in relation to materials, components and fixings, and tools and equipment.</p> <p>4.2. Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to:</p> <ul style="list-style-type: none"> – blocks, jointing compounds, frames, insulation, damp-proof barriers, lintels, fixings, ties - hand and/or powered tools and equipment. <p>4.3. Describe how the resources should be used correctly and how problems associated with the resources are reported.</p> <p>4.4. Explain why the organisational procedures have been developed and how they are used for the</p>

	<p>selection of required resources.</p> <p>4.5. Describe any potential hazards associated with the resources and methods of work.</p> <p>4.6. Describe how to calculate quantity, length, area and wastage associated with the method/procedure to erect thin joint masonry structures.</p>
<p>5. Minimise the risk of damage to the work and surrounding area when erecting thin joint masonry structures.</p>	<p>5.1. Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.</p> <p>5.2. Minimise damage and maintain a clean work space.</p> <p>5.3. Dispose of waste in accordance with current legislation.</p> <p>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.</p> <p>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.</p>
<p>6. Complete the work within the allocated time when erecting thin joint masonry structures.</p>	<p>6.1. Demonstrate completion of the work within the allocated time.</p> <p>6.2. Describe the purpose of the work programme and explain why deadlines should be kept in relation to:</p> <ul style="list-style-type: none"> – types of progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.
<p>7. Comply with the given contract information to erect thin joint masonry structures to the required specification.</p>	<p>7.1. Demonstrate the following work skills when erecting thin joint masonry structures:</p> <ul style="list-style-type: none"> – measuring, marking out, cutting, preparing, laying, positioning and securing. <p>7.2. Erect thin joint masonry block structures to given working instructions for three of the following:</p> <ul style="list-style-type: none"> – cavity wall structures – solid wall structures – form door and window openings - mix jointing compounds. <p>7.3. Safely use materials, hand tools, portable power tools and ancillary equipment.</p> <p>7.4. Safely store the materials, tools and equipment used when erecting thin joint masonry structures.</p> <p>7.5. Describe how to apply safe and healthy work</p>

	<p>practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none">- erect cavity walling and solid walling using thin joint blocks- determine thin joint block bonds- level bed (course one)- form openings for doors and windows- position damp-proof barriers- position and fix ties- mix jointing compound- work with plant and machinery- use hand tools, power tools and equipment- work at height- use access equipment. <p>7.6. Describe the needs of other occupations and how to effectively communicate within a team when erecting thin joint masonry structures.</p> <p>7.7. Describe how to maintain the tools and equipment used when erecting thin joint masonry structures.</p>
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Unit Title	Placing and Finishing Non-specialist Concrete in the Workplace
Ofqual unit reference number (code)	J/507/8802
Unit Level	Level 2
GLH	70
Unit Credit Value	21
Assessment Guidance	No endorsements for this unit

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
<p>1. Interpret the given information relating to the work and resources when placing and finishing non-specialist concrete.</p>	<p>1.1. Interpret and extract relevant information from drawings, risk assessments, method statements, specifications, schedules and manufacturers' information.</p> <p>1.2. Comply with information and/or instructions derived from risk assessments and method statements.</p> <p>1.3. Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.</p> <p>1.4. Describe different types of information, their source and how they are interpreted in relation to: – drawings, risk assessments, method statements, specifications, schedules, manufacturers' information and current regulations associated with placing and finishing non-specialist concrete.</p>
<p>2. Know how to comply with relevant legislation and official guidance when placing and finishing non-specialist concrete.</p>	<p>2.1. Describe their responsibilities regarding potential accidents and health hazards, whilst working: – in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.</p> <p>2.2. Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.</p>

	<p>2.3. Explain what the accident reporting procedures are and who is responsible for making reports.</p>
<p>3. Maintain safe and healthy working practices when placing and finishing non-specialist concrete.</p>	<p>3.1. Use health and safety control equipment safely to carry out the activity in accordance with current legislation and organisational requirements when placing and finishing non-specialist concrete.</p> <p>3.2. Comply with information relating to specific risks to health when placing and finishing non-specialist concrete.</p> <p>3.3. Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to placing and finishing non-specialist concrete, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). <p>3.4. Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.</p> <p>3.5. Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.</p>
<p>4. Select the required quantity and quality of resources for the methods of work to place and finish non-specialist concrete.</p>	<p>4.1. Select resources associated with own work in relation to materials, components and fixings, and tools and equipment.</p> <p>4.2. Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to:</p> <ul style="list-style-type: none"> – concrete, fabric reinforcement, timber, plywood, proprietary slab edgings and fixings – hand tools and equipment. <p>4.3. Describe how the resources should be used correctly and how problems associated with the resources are reported.</p> <p>4.4. Explain why the organisational procedures have been developed and how they are used for the selection of required resources.</p> <p>4.5. Describe any potential hazards associated with the resources and methods of work.</p> <p>4.6. Describe how to calculate quantity, length,</p>

	area and wastage associated with the method/procedure to place and finish non-specialist concrete.
5. Minimise the risk of damage to the work and surrounding area when placing and finishing non-specialist concrete.	<p>5.1. Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.</p> <p>5.2. Minimise damage and maintain a clean work space.</p> <p>5.3. Dispose of waste in accordance with current legislation.</p> <p>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.</p> <p>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.</p>
6. Complete the work within the allocated time when placing and finishing non-specialist concrete.	<p>6.1. Demonstrate completion of the work within the allocated time.</p> <p>6.2. Describe the purpose of the work programme and explain why deadlines should be kept in relation to:</p> <ul style="list-style-type: none"> – types of progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.
7. Comply with the given contract information to place and finish non-specialist concrete to the required specification.	<p>7.1. Demonstrate the following work skills when placing and finishing non-specialist concrete:</p> <ul style="list-style-type: none"> – measuring, marking out, laying, compacting, finishing, positioning and securing. <p>7.2. Lay and finish concrete to given working instructions for three of the following:</p> <ul style="list-style-type: none"> – concrete slabs/bases (footing, oversites or paths) – form slab edging – position reinforcement – form surface finish (tamped, floated, brushed and trowelled). <p>7.3. Safely use materials, hand tools and ancillary equipment.</p> <p>7.4. Safely store the materials, tools and equipment used when placing and finishing non-specialist concrete.</p> <p>7.5. Describe how to apply safe and healthy work</p>

	<p>practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none">– handle, transport and test concrete– transport, lay, compact, cure and protect concrete with tamped, floated, brushed and trowelled finishes– cure and protect– place fabric reinforcement– concrete mix ratios (volume and gauge boxes)– place concrete into formwork and shuttering– form slab edging– work with plant and machinery– use hand tools and ancillary equipment. <p>7.6. Describe the needs of other occupations and how to effectively communicate within a team when placing and finishing non-specialist concrete.</p> <p>7.7. Describe how to maintain the tools and equipment used when placing and finishing non-specialist concrete.</p>
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Unit Title	Maintaining Slate and Tile Roofing in the Workplace
Ofqual unit reference number (code)	A/615/0413
Unit Level	Level 2
GLH	30
Unit Credit Value	14
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. 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.</p> <p>Four of the following endorsements required</p> <p>Slate roofs Tiled roofs Flashings Roof ventilation Rainwater goods</p>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
<p>1. Interpret the given information relating to the work and resources when maintaining slate and tile roofing.</p>	<p>1.1. Interpret and extract relevant information from drawings, risk assessments, method statements, specifications, schedules and manufacturers' information.</p> <p>1.2. Comply with information and/or instructions derived from risk assessments and method statements.</p> <p>1.3. Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.</p> <p>1.4. Describe different types of information, their source and how they are interpreted in relation to: – drawings, risk assessments, method statements, specifications, schedules,</p>

	<p>manufacturers' information and regulations governing buildings.</p>
<p>2. Know how to comply with relevant legislation and official guidance when maintaining slate and tile roofing.</p>	<p>2.1. Describe their responsibilities regarding potential accidents and health hazards, whilst working: – in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.</p> <p>2.2. Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.</p> <p>2.3. Explain what the accident reporting procedures are and who is responsible for making reports.</p>
<p>3. Maintain safe and healthy working practices when maintaining slate and tile roofing.</p>	<p>3.1. Use health and safety control equipment and access equipment safely to carry out the activity in accordance with current legislation and organisational requirements when maintaining slate and tile roofing.</p> <p>3.2. Comply with information relating to specific risks to health when maintaining slate and tile roofing.</p> <p>3.3. Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to maintaining slate and tile roofing, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to: – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).</p> <p>3.4. Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.</p> <p>3.5. Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.</p>
<p>4. Select the required quantity and quality of resources for the methods of work to maintain slate and tile roofing.</p>	<p>4.1. Select resources associated with own work in relation to materials, components and fixings, and tools and equipment.</p> <p>4.2. Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: – slates, tiles, battens, underlays, sand, cement, limes, vents, lead, additives, guttering, downpipes</p>

	<p>and fixings - hand and/or powered tools and equipment.</p> <p>4.3. Describe how the resources should be used correctly and how problems associated with the resources are reported.</p> <p>4.4. Explain why the organisational procedures have been developed and how they are used for the selection of required resources.</p> <p>4.5. Describe any potential hazards associated with the resources and methods of work.</p> <p>4.6. Describe how to calculate quantity, length, area and wastage associated with the method/procedure to maintain slate and tile roofing.</p>
<p>5. Minimise the risk of damage to the work and surrounding area when maintaining slate and tile roofing.</p>	<p>5.1. Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.</p> <p>5.2. Minimise damage and maintain a clean work space.</p> <p>5.3. Dispose of waste in accordance with current legislation.</p> <p>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.</p> <p>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.</p>
<p>6. Complete the work within the allocated time when maintaining slate and tile roofing.</p>	<p>6.1. Demonstrate completion of the work within the allocated time.</p> <p>6.2. Describe the purpose of the work programme and explain why deadlines should be kept in relation to: – types of progress charts, timetables and estimated times - organisational procedures for reporting circumstances which will affect the work programme.</p>
<p>7. Comply with the given contract information to maintain slate and tile roofing to the required specification.</p>	<p>7.1. Demonstrate the following work skills when maintaining slate and tile roofing: – measuring, marking out, removing, fitting, positioning and securing.</p> <p>7.2. Repair specified roof areas to given working instructions for four of the following: – slate roofs (local material and style) – tiled roofs (local material and style)</p>

	<ul style="list-style-type: none">- flashings- roof ventilation- rainwater goods. <p>7.3. Safely use materials, hand tools, portable power tools and ancillary equipment.</p> <p>7.4. Safely store the materials, tools and equipment used when maintaining slate and tile roofing.</p> <p>7.5. Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none">- remove existing battens, underlays, slates and tiles- replace new battens and underlays- remove, replace and treat lead work/flashings (patianation oil)- re-point- position and secure roof ventilation- remove and replace guttering and downpipes- mix mortar- work with plant and machinery- use hand tools, power tools and equipment- work at height- use access equipment. <p>7.6. Describe the needs of other occupations and how to effectively communicate within a team when maintaining slate and tile roofing.</p> <p>7.7. Describe how to maintain the tools and equipment used when maintaining slate and tile roofing.</p>
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Unit Title	Repairing and Maintaining Masonry Structures in the Workplace
Ofqual unit reference number (code)	F/615/0414
Unit Level	Level 3
GLH	73
Unit Credit Value	22
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. 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.</p> <p>One of the following endorsements required</p> <p>Brick Block Local style</p> <p>Plus three of the following endorsements required</p> <p>Match existing materials Continue existing bonding Match existing quality of structure Form openings Prop existing walls and floors Form internal and external angles</p>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
<p>1. Interpret the given information relating to the work and resources when repairing and maintaining masonry structures.</p>	<p>1.1. Interpret and extract relevant information from drawings, risk assessments, method statements, specifications, schedules and manufacturers' information.</p> <p>1.2. Comply with information and/or instructions derived from risk assessments and method statements.</p> <p>1.3. Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.</p> <p>1.4. Describe different types of information, their</p>

	<p>source and how they are interpreted in relation to:</p> <ul style="list-style-type: none"> – drawings, risk assessments, method statements, specifications, schedules, manufacturers' information and regulations governing buildings.
<p>2. Know how to comply with relevant legislation and official guidance when repairing and maintaining masonry structures.</p>	<p>2.1. Describe their responsibilities regarding potential accidents and health hazards, whilst working:</p> <ul style="list-style-type: none"> – in the workplace, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting. <p>2.2. Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.</p> <p>2.3. Explain what the accident reporting procedures are and who is responsible for making reports.</p>
<p>3. Maintain safe and healthy working practices when repairing and maintaining masonry structures.</p>	<p>3.1. Use health and safety control equipment and access equipment safely to carry out the activity in accordance with current legislation and organisational requirements when repairing and maintaining masonry structures.</p> <p>3.2. Comply with information relating to specific risks to health when repairing and maintaining masonry structures.</p> <p>3.3. Explain why and when health and safety control equipment, identified by the principles of protection, 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:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). <p>3.4. Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.</p> <p>3.5. Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.</p>
<p>4. Select the required quantity and quality of resources for the methods of work to</p>	<p>4.1. Select resources associated with own work in relation to materials, components and fixings, and tools and equipment.</p> <p>4.2. Describe the characteristics, quality, uses,</p>

<p>repair and maintain masonry structures.</p>	<p>sustainability, limitations and defects associated with the resources in relation to: – bricks, blocks, natural stones, mortars, sand, lime, additives, frames, insulation, damp-proof barriers, lintels, fixings and ties - hand and/or powered tools and equipment.</p> <p>4.3. Describe how the resources should be used correctly and how problems associated with the resources are reported.</p> <p>4.4. Explain why the organisational procedures have been developed and how they are used for the selection of required resources.</p> <p>4.5. Describe any potential hazards associated with the resources and methods of work.</p> <p>4.6. Describe how to calculate quantity, length, area and wastage associated with the method/procedure to repair and maintain masonry structures.</p>
<p>5. Minimise the risk of damage to the work and surrounding area when repairing and maintaining masonry structures.</p>	<p>5.1. Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.</p> <p>5.2. Minimise damage and maintain a clean work space.</p> <p>5.3. Dispose of waste in accordance with current legislation.</p> <p>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.</p> <p>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.</p>
<p>6. Complete the work within the allocated time when repairing and maintaining masonry structures.</p>	<p>6.1. Demonstrate completion of the work within the allocated time.</p> <p>6.2. Describe the purpose of the work programme and explain why deadlines should be kept in relation to: – types of progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.</p>
<p>7. Comply with the given contract information to repair and maintain masonry structures to</p>	<p>7.1. Demonstrate the following work skills when repairing and maintaining masonry structures: – measuring, marking out, removing, laying, positioning and securing.</p>

<p>the required specification.</p>	<p>7.2. Repair and maintain existing brick, and/or block masonry and/or local style structures to given working instructions for three of the following:</p> <ul style="list-style-type: none"> - match existing materials - continue existing bonding - match existing quality of structure - form openings - prop existing walls and floors - form internal and external angles. <p>7.3. Safely use materials, hand tools, portable power tools and ancillary equipment.</p> <p>7.4. Safely store the materials, tools and equipment used when repairing and maintaining masonry structures.</p> <p>7.5. Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - repair and maintain existing masonry structures in brick, traditional and thin joint blocks or local materials and styles - form joint finishes - form openings - prop existing walls and floors - form internal and external angles - dress surfaces - form finishes - mortar mix ratios (volume, gauge boxes and colour) - work with plant and machinery - use hand tools, power tools and equipment - work at height - use access equipment. <p>7.6. Describe the needs of other occupations and how to effectively communicate within a team when repairing and maintaining masonry structures.</p> <p>7.7. Describe how to maintain the tools and equipment used when repairing and maintaining masonry structures.</p>
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Unit Title	Producing Internal Solid Plastering Finishes in the Workplace
Ofqual unit reference number (code)	J/615/0415
Unit Level	Level 2
GLH	30
Unit Credit Value	23
Assessment Guidance	This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy Workplace evidence of skills cannot be simulated.

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
<p>1. Interpret the given information relating to the work and resources when producing internal solid plastering finishes.</p>	<p>1.1. Interpret and extract relevant information from drawings, specifications, schedules method statements, risk assessments and manufacturers' information.</p> <p>1.2. Comply with information and/or instructions derived from risk assessments and method statements.</p> <p>1.3. Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.</p> <p>1.4. Describe different types of information, their source and how they are interpreted in relation to: – drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing buildings.</p>
<p>2. Know how to comply with relevant legislation and official guidance when producing internal solid plastering</p>	<p>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</p>

<p>finishes.</p>	<p>equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.</p> <p>2.2. Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.</p> <p>2.3. Explain what the accident reporting procedures are and who is responsible for making reports.</p>
<p>3. Maintain safe and healthy working practices when producing internal solid plastering finishes.</p>	<p>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 producing internal solid plastering finishes.</p> <p>3.2. Demonstrate compliance with given information and relevant legislation when producing internal solid plastering finishes in relation to the following:</p> <ul style="list-style-type: none"> – safe use of access equipment/working platforms – safe use, storage and handling of materials, tools and equipment – specific risks to health. <p>3.3. Explain why and when health and safety control equipment, identified by the principles of prevention should be used, relating to producing internal solid plastering finishes, and the types, purpose and limitations of each type, the work situation and general work environment, in relation to:</p> <ul style="list-style-type: none"> – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV). <p>3.4. Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions.</p> <p>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.</p>
<p>4. Select the required quantity and quality of resources for the methods of work to produce internal solid plastering finishes.</p>	<p>4.1. Select resources associated with own work in relation to materials, tools and ancillary equipment.</p> <p>4.2. Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to:</p> <ul style="list-style-type: none"> – backing coat and finishing plasters, sand, lime,

	<p>cement and additives - beads, trims, and fibre/paper tapes – manufactured boards – hand tools, portable power tools and ancillary equipment.</p> <p>4.3. Describe how the resources should be used correctly and how problems associated with the resources are reported.</p> <p>4.4. Explain why the organisational procedures have been developed and how they are used for the selection of required resources.</p> <p>4.5. Describe any potential hazards associated with the resources and methods of work.</p> <p>4.6. Describe how to calculate quantity, length, area and wastage associated with the method/procedure to produce internal solid plastering finishes.</p>
<p>5. Minimise the risk of damage to the work and surrounding area when producing internal solid plastering finishes.</p>	<p>5.1. Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.</p> <p>5.2. Minimise damage and maintain a clean work space.</p> <p>5.3. Dispose of waste in accordance with current legislation.</p> <p>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.</p> <p>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.</p>
<p>6. Complete the work within the allocated time when producing internal solid plastering finishes.</p>	<p>6.1. Demonstrate completion of the work within the allocated time.</p> <p>6.2. Describe the purpose of the work programme and explain why deadlines should be kept in relation to: – types of progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.</p>
<p>7. Comply with the given contract information to produce internal solid plastering finishes to the required</p>	<p>7.1. Demonstrate the following work skills when producing internal solid plastering finishes: – measuring, marking out, preparing, mixing, applying and finishing.</p> <p>7.2. Use and maintain hand tools, portable power</p>

<p>specification.</p>	<p>tools and ancillary equipment.</p> <p>7.3. Prepare background surfaces, mix and apply internal plasters to given working instructions to the following:</p> <ul style="list-style-type: none"> - one-coat work - two-coat work - 90° internal and external angle - reveals, cills and soffits (door and/or windows) - walls and ceilings. <p>7.4. Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> - mix plaster - prepare background surfaces - install expanded metal lath (EML) and timber lath - apply and finish one- and two-coat plasterwork to internal solid backgrounds, EML, timber lath backgrounds, and manufactured boards to walls and ceilings - form internal and external angles, reveals and expansion joints - recognise and determine when specialist skills and knowledge are required and report accordingly - understand specific requirements for structures of special interest, traditional build (pre 1919) and historical significance - use hand tools, portable power tools and ancillary equipment - work at height - use access equipment/working platforms. <p>7.5. Describe the needs of other occupations and how to effectively communicate within a team when producing internal solid plastering finishes.</p> <p>7.6. Describe how to maintain the tools and equipment used when producing internal solid plastering finishes.</p>
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Unit Title	Applying Solid Render to Background Surfaces and Producing Finishes in the Workplace
Ofqual unit reference number (code)	L/615/0416
Unit Level	Level 2
GLH	40
Unit Credit Value	27
Assessment Guidance	This unit must be assessed in a work environment and in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge, and must use a combination of assessment methods as defined in the Consolidated Assessment Strategy. Workplace evidence of skills cannot be simulated.

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
<p>1. Interpret the given information relating to the work and resources when applying solid render to background surfaces and producing finishes.</p>	<p>1.1. Interpret and extract relevant information from drawings, specifications, schedules, method statement, risk assessments and manufacturers' information.</p> <p>1.2. Comply with information and/or instructions derived from risk assessments and method statements.</p> <p>1.3. Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.</p> <p>1.4. Describe different types of information, their source and how they are interpreted in relation to: – drawings, specifications, schedules, method statements, risk assessments, manufacturers' information and current regulations governing buildings.</p>
<p>2. Know how to comply with relevant legislation and official guidance when applying solid render to background</p>	<p>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</p>

<p>surfaces and producing finishes.</p>	<p>equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.</p> <p>2.2. Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.</p> <p>2.3. Explain what the accident reporting procedures are and who is responsible for making reports.</p>
<p>3. Maintain safe and healthy working practices when applying solid render to background surfaces and producing finishes.</p>	<p>3.1. Use health and safety control equipment safely and comply with the methods of work to carry out the activity in accordance with current legislation and organisational requirements when applying solid render to background surfaces and producing finishes.</p> <p>3.2. Demonstrate compliance with given information and relevant legislation when applying solid render to background surfaces and producing finishes in relation to the following: – safe use of access equipment/working platforms – safe use, storage and handling of materials, tools and equipment – specific risks to health.</p> <p>3.3. Explain why and when health and safety control equipment identified by the principles of prevention should be used, relating to applying solid render to background surfaces and producing finishes and the types, purpose and limitations of each type, the work situation and general work environment in relation to – collective protective measures – personal protective equipment (PPE) – respiratory protective equipment (RPE) – local exhaust ventilation (LEV).</p> <p>3.4. Describe how the relevant health and safety control equipment should be used in accordance with given working instructions.</p> <p>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.</p>
<p>4. Select the required quantity and quality of resources for the methods of work to apply solid render to</p>	<p>4.1. Select resources associated with own work in relation to materials, tools and equipment.</p> <p>4.2. Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to:</p>

<p>background surfaces and produce finishes.</p>	<ul style="list-style-type: none"> – render, sand, lime, cement and additives – bellcasts and beads, expanded metal lath (EML) – dash, rough-cast (harling, wet dash), proprietary pre-cast finish, synthetic and non-synthetic renders – reinforcement, stress patches, sealants, fixings and fittings – hand tools, portable power tools and ancillary equipment. <p>4.3. Describe how the resources should be used correctly and how problems associated with the resources are reported.</p> <p>4.4. Explain why the organisational procedures have been developed and how they are used for the selection of required resources.</p> <p>4.5. Describe any potential hazards associated with the resources and methods of work.</p> <p>4.6. Describe how to calculate quantity, length, area and wastage associated with the method/procedure to apply external solid render to background surfaces and produce finishes.</p>
<p>5. Minimise the risk of damage to the work and surrounding area when applying solid render to background surfaces and producing finishes.</p>	<p>5.1. Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.</p> <p>5.2. Minimise damage and maintain a clean work space.</p> <p>5.3. Dispose of waste in accordance with current legislation.</p> <p>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.</p> <p>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.</p>
<p>6. Complete the work within the allocated time when applying solid render to background surfaces and producing finishes.</p>	<p>6.1. Demonstrate completion of the work within the allocated time.</p> <p>6.2. Describe the purpose of the work programme and explain why deadlines should be kept in relation to:</p> <ul style="list-style-type: none"> – types of progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.

<p>7. Comply with the given contract information to apply solid render to background surfaces and produce finishes to the required specification.</p>	<p>7.1. Demonstrate the following work skills when applying solid render to background surfaces and producing finishes – measuring, marking out, mixing, applying and finishing.</p> <p>7.2. Use and maintain hand tools, portable power tools and ancillary equipment.</p> <p>7.3. Apply base coats, reinforcing mesh and stress patches.</p> <p>7.4. Prepare background surfaces, mix and apply solid render to bellcasts, internal and external angles, walls, reveals and soffits and to one of the following background surfaces to given working instructions – brick – block – concrete – rubble stone masonry – external insulation – expanded metal lath (EML).</p> <p>7.5. Produce a plain-faced finish coat to external walls and/or external insulation plus one of the following finishes to given working instructions – dash – rough-cast (harling, wet dash) – synthetic or non-synthetic renders – proprietary pre-cast.</p> <p>7.6. Describe how to apply safe, and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: – carry out pre-installation checks to include structural integrity, dampness, vents, services (gas, electric, water, media cables) – mix render to the required strength for background surfaces and supporting fixtures – prepare background surfaces – recognise the procedures to check flues and combustion air ventilation – understand the implications of existing guarantees and warranties – apply base coats, reinforcing mesh and stress patches – apply multiple coat renders to external walls – form internal and external angles, reveals, expansion joints and bellcasts – position, secure and apply renders to expanded metal lath (EML)</p>
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	<p>– apply, dash, plain faced coat, rough-cast (harling, wet-dash), synthetic and non-synthetic renders, proprietary pre-cast finishes and sealant</p> <p>7.7. con't</p> <ul style="list-style-type: none"> - complete post installation checks: compliance with specifications, resistance to water penetration, anchorage/fixings, vents, services (gas, electric, water, media cables) - recognise and determine when specialist skills and knowledge are required and report accordingly - understand specific requirements for structures of special interest, traditional build (pre-1919) and historical significance - use hand tools, portable power tools and ancillary equipment - work at height - use access equipment/working platforms. <p>7.8. Describe the needs of other occupations and how to effectively communicate within a team when applying solid render to background surfaces and producing finishes.</p> <p>7.9. Describe how to maintain the tools and equipment used when applying solid render to background surfaces and producing finishes.</p>
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Unit Title	Installing Drainage in the Workplace
Ofqual unit reference number (code)	A/507/8764
Unit Level	Level 2
GLH	70
Unit Credit Value	19
Assessment Guidance	<p>This unit must be assessed in a work environment, in accordance with the ConstructionSkills' Consolidated Assessment Strategy for Construction and the Built Environment. 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.</p> <p>Two of the following endorsements required</p> <p>Pipework Inspection chambers Surface water systems Foul water systems</p>

LEARNING OUTCOMES	ASSESSMENT CRITERIA
The learner will:	The learner can:
<p>1 Interpret the given information relating to the work and resources when installing drainage.</p>	<p>1.1 Interpret and extract relevant information from drawings, risk assessments, method statements, specifications, schedules and manufacturers' information.</p> <p>1.2 Comply with information and/or instructions derived from risk assessments and method statements.</p> <p>1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.</p> <p>1.4 Describe different types of information, their source and how they are interpreted in relation to: – drawings, risk assessments, method statements, specifications, schedules, manufacturers' information and regulations governing the installation and construction of drainage systems.</p>

<p>2 Know how to comply with relevant legislation and official guidance when installing drainage.</p>	<p>2.1 Describe their responsibilities regarding potential accidents and health hazards, whilst working: – in the workplace, below ground level, in confined spaces, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting.</p> <p>2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative.</p> <p>2.3 Explain what the accident reporting procedures are and who is responsible for making reports.</p>
<p>3 Maintain safe and healthy working practices when installing drainage.</p>	<p>3.1 Use health and safety control equipment and access equipment safely to carry out the activity in accordance with current legislation and organisational requirements when installing drainage.</p> <p>3.2 Comply with information relating to specific risks to health when installing drainage.</p> <p>3.3 Explain why and when health and safety control equipment, identified by the principles of protection, 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).</p> <p>3.4 Describe how the relevant health and safety control equipment should be used in accordance with the given instructions.</p> <p>3.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards.</p>
<p>4 Select the required quantity and quality of resources for the methods of work to install drainage.</p>	<p>4.1 Select resources associated with own work in relation to materials, components and fixings, and tools and equipment.</p> <p>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,</p>

	<p>concrete, mortars and sand – sealant materials (adhesives, compounds, solvents) - hand and/or powered tools and equipment.</p> <p>4.3 Describe how the resources should be used correctly and how problems associated with the resources are reported.</p> <p>4.4 Explain why the organisational procedures have been developed and how they are used for the selection of required resources.</p> <p>4.5 Describe any potential hazards associated with the resources and methods of work.</p> <p>4.6 Describe how to calculate quantity, length, area and wastage associated with the method/procedure to install drainage.</p>
<p>5 Minimise the risk of damage to the work and surrounding area when installing drainage.</p>	<p>5.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures.</p> <p>5.2 Minimise damage and maintain a clean work space.</p> <p>5.3 Dispose of waste in accordance with current legislation.</p> <p>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.</p> <p>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.</p>
<p>6 Complete the work within the allocated time when installing drainage.</p>	<p>6.1 Demonstrate completion of the work within the allocated time.</p> <p>6.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: – types of progress charts, timetables and estimated times – organisational procedures for reporting circumstances which will affect the work programme.</p>
<p>7 Comply with the given contract information to install drainage to the required specification.</p>	<p>7.1 Demonstrate the following work skills when installing drainage: – measuring, marking out, laying, positioning, fitting, levelling, plumbing, aligning, securing and testing.</p> <p>7.2 Install and test new and/or replacement, foul and/or surface water drainage for two of the</p>

	<p>following to given working instructions:</p> <ul style="list-style-type: none"> – pipework (e.g. clay, concrete, metal, or plastic) – 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). <p>7.3 Safely use materials, hand tools, portable power tools and ancillary equipment.</p> <p>7.4 Safely store the materials, tools and equipment used when installing drainage.</p> <p>7.5 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to:</p> <ul style="list-style-type: none"> – excavate trenches and provide trench support – confirm ground conditions, site and excavations are suitable for the drainage installation work – prepare bedding for pipework – determine levels and gradients – identify the differences between surface and foul water drainage – lay, position, level, plumb, align, fit, 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). <p>7.6 7.5 con't</p> <ul style="list-style-type: none"> – 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 – conduct smoke, water, ball, air mandrel and close circuit television tests on drainage systems – work with plant and machinery – use hand tools, power tools and equipment – work at height and below ground level – use access equipment. <p>7.7 Describe the needs of other occupations and how to effectively communicate within a team when installing drainage.</p> <p>7.8 Describe how to maintain the tools and equipment used when installing drainage.</p>
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