



GQA Level 2 Construction Using Off-Site Manufactured Assemblies

Qualification Reference Number 610/3450/2

Personal Competence Summary

Name			Company/Centre		
Job Title			GQA Registration Number		
Mandatory Units					
Unit Number	Unit Title	Level	Credit Value	Assessor Signature	Date
A/503/1170	Conforming to general health, safety and welfare in the workplace	1	2		
J/503/1169	Conforming to productive working practices in the workplace	2	3		
F/503/1171	Moving, handling and storing resources in the workplace	2	5		
Unit Number	Unit Title	Level	Credit Value	Assessor Signature	Date

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

Observation in the workplace ☐
 Records of prior experience ☐
 Testimonial(s) ☐
 Work records ☐

Assessment of knowledge ☐
 Witness statement(s) ☐
 Photographic evidence ☐
 External testing ☐

Passport Style
Candidate Photo
(Mandatory)

COMPETENCE COMPLETION SIGNATURES

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

	Name	Signature	Date
Candidate			
Lead Assessor			
Internal Verifier			
EQA			

Introduction to the Qualification

Who is this Qualification for?

This qualification is designed for those working in manufactured assemblies that are not created on site.

What is required from candidates?

Candidates must be able to demonstrate their ability to perform the requirements of this qualification and will be assessed against a set of performance and knowledge statements that have derived from the National Occupational Standards.

Unit Number	Unit Title	Level	Credit Value
Mandatory Units			
A/503/1170	Conforming to general health, safety and welfare in the workplace	1	2
J/503/1169	Conforming to productive working practices in the workplace	2	3
F/503/1171	Moving, handling and storing resources in the workplace	2	5
Plus one of the following optional routes			
Pathway 1 Erection Group Mandatory Units			
K/650/9165	Erecting steel frame walls, floors and roofs in the workplace	2	18
L/650/9166	Installing supplementary steel frame finishings in the workplace	2	17
Pathway 2 Assembly/Erection Group Mandatory Units			
K/650/9165	Erecting steel frame walls, floors and roofs in the workplace	2	18
L/650/9166	Installing supplementary steel frame finishings in the workplace	2	17
M/650/9167	Preparing and assembling cold formed steel frames in the workplace	2	15

Assessment Guidance

Evidence should show that candidates can cover the scope of performance outlined for each relevant unit consistently over an appropriate period.

Some areas of assessment include:

- Knowledge of the different types of off-site manufactured assemblies
- Understanding of the construction process for the off-site manufactured assemblies
- Ability to use appropriate tools and equipment for the tasks being performed
- Ability to work safely and efficiently in a construction environment
- Ability to communicate effectively with other members of the team,

Types of evidence:

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

Potential sources of evidence:

The main source of evidence for each unit will be observation of performance. This can be supplemented by the following types of physical or documentary evidence:

- | | |
|---|---------------------------------------|
| • Accident book | • Audio/photographic/video |
| • Correspondence/discussion with customer | • Safety records |
| • Customer feedback | • Telephone logs |
| • Damage and defect reports | • Installation activity |
| • Delivery records | • Witness testimony |
| • Equipment used | • Simulation of accident or emergency |
| • Inspection reports | • Organisational reporting systems |
| • Notes and memos | |

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

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

This document indicates the requirements of approved centres delivering GQA qualifications and/or units of credit. This document complements the appropriate SSC Assessment Strategy linked to this qualification.

1. Equality of Opportunity

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

2. Recognised/Approved Assessment Centres

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

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

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

2.2 Assessors and Verifiers

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

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

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

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

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

2.3 Centre Approval, Monitoring Reviews and Quality Assurance

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

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

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

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

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

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

3. Qualification/Unit of Credit Candidates

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

The centre will provide candidates with advice and guidance on how to prepare for assessment and allocate an Assessor who will assess candidate ability to meet the requirements of the relevant qualifications / unit of credit.

It is the candidate's responsibility to demonstrate competence and to do this they must:

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

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

4. Evidence

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

The specific combination of units necessary to achieve a qualification is detailed in the qualification structure. Certificates of Unit Credit can be awarded when candidates achieve anyone, or more, units from the qualification. The evidence the candidate brings forward is primarily evidence of performance of what he/she can do, not just what he/she knows. The assessment criteria / qualification requirements are described within the qualification and / or unit of credit itself and can incorporate practical skills and knowledge.

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

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

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

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

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

The answer can only be:

- yes (the candidate is competent)
- no (the candidate is not yet competent)
- there is insufficient evidence to decide

Consistency means that the individual is likely to achieve the standard in their work role, in the different activities defined

5. Performance Evidence

Performance evidence can be what the individual produces, or the way the individual achieves the standard.

One is called product evidence and the other process evidence.

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

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

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

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

Performance evidence can be:

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

The exceptions this are:

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

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

Knowledge evidence

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

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

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

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

Candidate Declaration

Candidate Name.....

Centre/Company Name.....

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

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

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

I will collect and record relevant evidence.

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

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

Candidate signature.....

Date.....

Conforming to general health, safety and welfare in the workplace							
GQA Ref	QCF641	Regulatory Ref	A/503/1170	Level	1	Credit Value	2
Aims The aim of this unit is to ensure that the Candidate has the skills and knowledge required to work safely in the Construction Industry, in accordance with organisation guidance, legislation and statutory requirements. Candidates must understand safety and warning notices, potential hazards, risk assessments, health risks and the recording and reporting of all Health and Safety related matters. Knowledge of protective and Health and Safety control equipment, accident and emergency procedures including evacuation and types of fire extinguishers are also required. This knowledge must cover the safety of the public as well as site personnel and resources. All work carried out must also comply with legislation that covers the disposal of waste or consumable items.							
Assessment Guidance Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge. All criteria must be assessed, and evidence must be auditable.							
Learning outcome; The learner will:		Assessment criteria: The learner can:		Evidence Ref No.			
				1	2	3	
1 Comply with all workplace health, safety and welfare legislation requirements		1.1 Comply with information from workplace inductions and any health, safety and welfare briefings attended relevant to the occupational area					
		1.2 Comply with information from workplace inductions and any health, safety and welfare briefings attended relevant to the occupational area					
		1.3 Comply with statutory requirements, safety notices and warning notices displayed within the workplace and/or on equipment					
		1.4 State why and when health and safety control equipment, identified by the principles of protection, should be used relating to types, purpose and limitations of each type, the work situation, occupational use and the general work environment, in relation to: <ul style="list-style-type: none">collective protective measurespersonal protective equipment (PPE)respiratory protective equipment (RPE)local exhaust ventilation (LEV)					
		1.5 State how the health and safety control equipment relevant to the work should be used in accordance with the given instructions					

	1.6 State which types of health, safety and welfare legislation, notices and warning signs are relevant to the occupational area and associated equipment			
	1.7 State why health, safety and welfare legislation, notices and warning signs are relevant to the occupational area			
	1.8 State how to comply with control measures that have been identified by risk assessments and safe systems of work			
2 Recognise hazards associated with the workplace that have not been previously controlled and report them in accordance with organisational procedures	2.1 Report any hazards created by changing circumstances within the workplace in accordance with organisational procedures			
	2.2 List typical hazards associated with the work environment and occupational area in relation to resources, substances, asbestos, equipment, obstructions, storage, services and work activities			
	2.3 List the current Health and Safety Executive top ten safety risks			
	2.4 List the current Health and Safety Executive top five health risks			
	2.5 State how changing circumstances within the workplace could cause hazards			
	2.6 State the methods used for reporting changed circumstances, hazards and incidents in the workplace			
3 Comply with organisational policies and procedures to contribute to health, safety and welfare	3.1 Interpret and comply with given instructions to maintain safe systems of work and quality working practices			
	3.2 Contribute to discussions by offering/providing feedback relating to health, safety and welfare			
	3.3 Contribute to the maintenance of workplace welfare facilities in accordance with workplace welfare procedures			
	3.4 Safely store health and safety control equipment in accordance with given instructions			
	3.5 Dispose of waste and/or consumable items in accordance with legislation			

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

Assessor Comments/Feedback

Conforming to productive working practices in the workplace							
GQA Ref	QCF642	Regulatory Ref	J/503/1169	Level	2	Credit Value	3
Unit Aims The aim of this unit is to ensure that the candidate has the skills and knowledge required to communicate with colleagues, management and customers to plan, implement and record information in the Construction working environment. This includes the use and completion of documentation in line with Organisational guidelines, meeting deadlines and specifications while maintaining effective working relationships. Candidates will also have to understand the importance of working relationships have on productive working and how to ensure equality and diversity principles are applied when working and communicating with others. Candidates must also understand how work activities can make a positive contribution to the environment, including knowledge of low and zero carbon requirements.							
Assessment Guidance Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge. All criteria must be assessed, and evidence must be auditable.							
Learner Outcomes - The learner will:		Assessment Criteria - The learner can:		Evidence Ref Number			
				1	2	3	
1 Communicate with others to establish productive work practices		1.1 Communicate in an appropriate manner with line management, colleagues and/or customers to ensure that work is carried out productively					
		1.2 Describe the different methods of communicating with line management, colleagues and customers					
		1.3 Describe how to use different methods of communication to ensure that the work carried out is productive					
2 Follow organisational procedures to plan the sequence of work.		2.1 Interpret relevant information from organisational procedures to plan the sequence of work					
		2.2 Plan the sequence of work, using appropriate resources, in accordance with organisational procedures to ensure work is completed					
		2.3 Describe how organisational procedures are applied to ensure work is planned and carried out productively, in relation to: <ul style="list-style-type: none">• using resources for own and other's work requirements• allocating appropriate work to employees• organising the work sequence• reducing carbon emissions					

	2.4 Describe how to contribute to zero/low carbon work outcomes within the built environment			
3 Maintain relevant records in accordance with the organisational procedures	3.1 Complete relevant documentation according to the occupation as required by the organisation			
	3.2 Describe how to complete and maintain documentation in accordance with organisational procedures, in relation to: <ul style="list-style-type: none"> • job cards • worksheets • material/resource lists • time sheets. 			
	3.3 Explain the reasons for ensuring documentation is completed clearly and within given timescales.			
4 Maintain good working relationships when conforming to productive working practices.	4.1 Carry out work productively, to the agreed specification, in conjunction with line management, colleagues, customers and/ or other relevant people involved in the work to maintain good working relationships			
	4.2 Apply the principles of equality and diversity and respect the needs of individuals when communicating and working with others			
	4.3 Describe how to maintain good working relationships, in relation to: <ul style="list-style-type: none"> • individuals • customer and operative • operative and line management • own and other occupations 			
	4.4 Describe why it is important to work effectively with line management, colleagues and customers			
	4.5 Describe how working relationships could influence productive working			
	4.6 Describe how to apply principles of equality and diversity when communicating and working with others			

Assessor Comments/Feedback

Moving, Handling and Storing Resources in the Workplace							
GQA Ref	QCF643	Regulatory Ref	F/503/1171	Level	2	Credit Value	5
<p>Unit Aims</p> <p>The aim of this unit is to ensure that candidates have the skills and knowledge required to move, handle and store construction related materials, e.g., sheet material, loose material, bagged or wrapped material, fragile material, tools and equipment, components or liquids in accordance with safe working practices, legislation and organisational guidance on safety and security.</p> <p>Candidates must have knowledge of safe use of lifting and handling aids, containers and fixing, holding and securing systems and how to dispose of waste and packaging in accordance with legislation.</p> <p>All work must be carried out in accordance with safe working practices, minimising the risk of damage to the materials and surrounding area.</p> <p>Candidates must understand their responsibilities and the hazards associated with this type of work including how the needs of other occupations must be considered when moving resources, the accident and emergency procedures, and the different types and purposes of fire extinguishers.</p> <p>Finally, candidates must understand the types of problems that can occur when carrying out this type of work and the organisational procedures for dealing with them</p>							
<p>Assessment Guidance</p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge.</p> <p>All criteria must be assessed, and evidence must be auditable</p>							
Learner Outcomes - The learner will:		Assessment Criteria - The learner can:		Evidence Ref Number			
				1	2	3	
1 Comply with given information when moving, handling and/or storing resources		1.1 Interpret the given information relating to moving, handling and/or storing resources, relevant to the given occupation					
		1.2 Interpret the given information relating to the use and storage of lifting aids and equipment					
		1.3 Describe the different types of technical, product and regulatory information, their source and how they are interpreted					
		1.4 Describe the different types of technical, product and regulatory information, their source and how they are interpreted					
		1.5 Describe how to obtain information relating to using and storing lifting aids and equipment					
2 Know how to comply with relevant legislation and official guidance when moving, handling and/or storing resources		2.1 Describe their responsibilities under current legislation and official guidance whilst working: <ul style="list-style-type: none"> in the workplace, in confined spaces, below ground level, at height, with tools and equipment, with materials and substances, with movement/storage of materials and by manual handling and mechanical lifting 					

	2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company and operative			
	2.3 Explain what the accident reporting procedures are and who is responsible for making the reports			
	2.4 State the appropriate types of fire extinguishers relevant to the work			
	2.5 Describe how and when the different types of fire extinguishers, relevant to the given occupation, are used in accordance with legislation and official guidance			
3 Describe how and when the different types of fire extinguishers, relevant to the given occupation, are used in accordance with legislation and official guidance	3.1 Use health and safety control equipment safely to carry out the activity in accordance with legislation and organisational requirements when moving, handling and/or storing resources			
	3.2 Use lifting aids safely as appropriate to the work			
	3.3 Protect the environment in accordance with safe working practices as appropriate to the work			
	3.4 Explain why and when health and safety control equipment, identified by the principles of protection, should be used, relating to moving, handling and/or storing resources, and the types, purpose and limitations of each type, the work situation, occupational use and the general work environment, in relation to: <ul style="list-style-type: none"> • collective protective measures • personal protective equipment (PPE) • respiratory protective equipment (RPE) • local exhaust ventilation (LEV) 			
	3.5 Describe how the health and safety control equipment relevant to the work should be used in accordance with the given instructions			
	3.6 State how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related hazards			
4 Select the required quantity and quality of resources for the methods of work to move, handle and/or store occupational resources	4.1 Select the relevant resources to be moved, handled and/or stored, associated with own work			
	4.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the occupational resources in relation to: <ul style="list-style-type: none"> • lifting and handling aids • container(s) 			

	<ul style="list-style-type: none"> fixing, holding and securing systems 			
	4.3 Describe how the resources should be handled and how any problems associated with the resources are reported			
	4.4 Explain why the organisational procedures have been developed and how they are used for the selection of required resources			
	4.5 Describe any potential hazards associated with the resources and methods of work			
5 Prevent the risk of damage to occupational resources and surrounding environment when moving, handling and/or storing resources.	5.1 Protect occupational resources and their surrounding area from damage in accordance with safe working practices and organisational procedures			
	5.2 Dispose of waste and packaging in accordance with legislation			
	5.3 Maintain a clean workspace when moving, handling or storing resources			
	5.4 Describe how to protect work from damage and the purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions			
	5.5 Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers' information, statutory regulations and official guidance			
6 Complete the work within the allocated time when moving, handling and/or storing resources	6.1 Demonstrate completion of the work within the allocated time			
	6.2 State the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> progress charts, timetables and estimated times organisational procedures for reporting circumstances which will affect the work programme 			
7 Comply with the given occupational resource information to move, handle and/or store resources to the required guidance	7.1 Demonstrate the following work skills when moving, handling and/or storing occupational resources: <ul style="list-style-type: none"> Moving, positioning, storing, securing and/or using lifting aids and kinetic lifting techniques 			

Erecting steel frame walls, floors and roofs in the workplace							
GQA Ref	VR291 v3	Regulatory Ref	K/650/9165	Level	2	Credit Value	18
Unit Aims The aim of this unit is to demonstrate the candidate has the skills and knowledge required to demonstrate they are able to measure, mark out, fit, finish as well as the position and securing during the erection of steel frame walls, floors and roof structures							
Assessment Guidance Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge. All criteria must be assessed, and evidence must be auditable							
Learner Outcomes - The learner will:	Assessment Criteria - The learner can:	Evidence Ref Number					
		1	2	3			
1 Interpret the given information relating to the work and resources when erecting steel frame walls, floors and roofs	1.1 Interpret and extract relevant information from drawings, specifications, digital information, schedules, method statements, risk assessments and manufacturers information						
	1.2 Comply with information and/or instructions derived from risk assessment and method statements						
	1.3 Describe the organisational procedures developed to report and rectify inappropriate information and unsuitable resources and how they are implemented						
	1.4 Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none">• Drawings• Specifications• Schedules• Digital Information and 3D modelling• Method Statements• Risk Assessments• Manufacturers Technical Information• Official guidance and current regulations governing buildings related to the erection of steel frame walls, floors and roofs						
2 Know how to comply with relevant legislation and official guidance when erecting steel frame walls, floors and roofs	2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none">• In the workplace• Below ground level• In confined spaces• At height• With tools and equipment						

	<ul style="list-style-type: none"> • With materials and substances • With movement and storage of materials by manual handling and mechanical lifting 			
	<p>2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site</p> <ul style="list-style-type: none"> • Workplace • Company • Operative • Vehicles 			
	<p>2.3 Explain what the accident reporting procedures are and who is responsible for making reports</p>			
3 Maintain safe and healthy working practices when erecting steel frame walls, floors and roofs	<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 requirement when erecting steel frame walls, floors and roofs</p>			
	<p>3.2 Demonstrate compliance with given information and relevant legislation when erecting steel frame walls, floors and roofs in relation to the following:</p> <ul style="list-style-type: none"> • Safe use of access equipment • Safe use, storage and handling of materials, tools and equipment • 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 when erecting of steel frame walls, floors, roads 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 • Local Exhaust Ventilation (LEV) • Personal Protective Equipment (PPE) • Respiratory Protective Equipment (RPE) 			
	<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>			

4 Select the required quantity and quality of resources for the methods of work to erect steel frame walls, floors and roofs	4.1 Select resources associated with own work in relation to: <ul style="list-style-type: none"> • Materials • Components • Fixings • Tools • Equipment • Consumables 			
	4.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> • Internal and External walls, ring beams, lattice beams, hot-rolled columns and beams, metal sections, steel fixings, damp proof course materials and associated items • Floors (metal decks, composite decks, joists, floor cassettes and/or timber-based materials) • Roof structures, elements, rafters and bracing • Fittings and fixings • Consumables • Hand tools, portable power tools and equipment 			
	4.3 Describe how to confirm that the resources and materials conform to the specification			
	4.4 Describe how the resources should be used correctly and how problems associated with the resources are reported			
	4.5 Explain why the organisational procedures have been developed and how they are used for the selection of required resources			
	4.6 Describe any potential hazards associated with the resources and methods of work			
	4.7 Describe how to calculate quality, length, area and wastage associated with the method and procedure to erect steel frame walls, floors and roofs			
5 Minimise the risk of damage to the work and surrounding area when erecting steel frame walls, floors and roofs	5.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures			
	5.2 Maintain a clear and tidy workspace			

	5.3 Dispose of waste in accordance with current legislation			
	5.4 Describe how to protect work from damage and the purpose of protection in relations to general workplace activities, other occupations and adverse weather conditions			
	5.5 Explain why the disposal of waste should be carried out safely in accordance with: <ul style="list-style-type: none"> • Environmental responsibilities • Organisational procedures • Manufacturers information • Statutory regulations • Official guidance 			
6 Complete the work within the allocated time when erecting steel frame walls, floors and roofs	6.1 Demonstrate completion of the work within the estimated allocated time			
	6.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> • Types of productivity targets and time scales • How times are estimated • Organisational procedures for reporting circumstances which will affect the work programme 			
7 Comply with the given contract information to erect steel frame walls, floors and roofs to the required specification	7.1 Demonstrate the following work skills when erecting steel frame walls, floors and roof structures: <ul style="list-style-type: none"> • Measuring • Marking out • Fitting • Finishing • Positioning • Securing 			
	7.2 Use and maintain hand tools, portable power tools and ancillary equipment			
	7.3 Erect at least six of the following to given working instructions: <ul style="list-style-type: none"> • Ring beams • Pre-manufactured and/or in-situ load bearing walls • Prefabricated and/or in-situ non-load bearing walls • Lattice beams and/or C Section joists 			

	<ul style="list-style-type: none"> • Pre-manufactured and/or in-situ intermediate floors • Floor and/or composite decking units (eg Precast concrete components, timber based materials) • Hot rolled columns and beams • Pre-manufactured and/or in-situ roof structures (manually and/or mechanically handled components) 			
	<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"> • Provide information for Building Information Modelling (BIM) • Erect and install manually and by mechanical lifting, ring beams, load bearing and non-load bearing walls, lattice beams, C Section Joists, Hot-rolled columns and beams • Erect manually and/or by mechanical lifting pre-manufactured and/or in-situ roofs • Form overhangs and parapet eaves • Support lifting operations • Lay floors (metal decks, composite decks joist, floor cassettes and timber-based materials) • Form connections associated with steel frame construction • Recognise and determine when specialist skills and knowledge are required and report accordingly • Identify and follow the installation quality requirements • Work with, around and in close proximity to plant and machinery • Direct and guide the operations and movement of plant and machinery • Use hand tools, portable power tools and equipment • Work at height • Use access equipment Economise the use of water, report leaks and turn taps off 			
	<p>7.5 Describe the needs of other occupations and how to communicate effectively within a team when erecting steel frame walls, floors and roofs</p>			

	7.6 Describe how to maintain the tools and equipment used when erecting steel frame walls, floors and roofs			
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<u>Assessor Comments/Feedback</u>
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Installing supplementary steel frame finishings in the workplace							
GQA Ref	VR296 v2	Regulatory Ref	L/650/9166	Level	2	Credit Value	17
<p><u>Unit Aims</u></p> <p>The aim of this unit is to demonstrate the candidate has the skills and knowledge required to demonstrate they can install one of the below following instructions:</p> <ul style="list-style-type: none"> • brick tie systems • breather membrane • vapour control layer • fire stops • insulation • internal linings • sheathing boarding • cladding support fixtures 							
<p><u>Assessment Guidance</u></p> <p>Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge.</p> <p>All criteria must be assessed, and evidence must be auditable</p>							
Learner Outcomes - The learner will:		Assessment Criteria - The learner can:		Evidence Ref Number			
				1	2	3	
1 Interpret the given information relating to the work and resources when installing supplementary steel frame finishings		1.1 Interpret and extract relevant information from drawings, specifications, digital information, schedules, method statements, risk assessments and manufacturers information					
		1.2 Comply with information and/or instructions derived from risk assessments and method assessments					
		1.3 Describe the organisational procedures developed by report and rectify inappropriate information and unsuitable resources and how they are implemented					

	<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 • Specifications • Schedules • Digital Information and 3D modelling • Method Statements • Risk Assessments • Manufacturers Technical Information • Official guidance and current regulations governing buildings in relations to installing supplementary steel frame finishings 			
2 Know how to comply with relevant legislation and official guidance when installing supplementary steel frame finishings	<p>2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working:</p> <ul style="list-style-type: none"> • In the workplace • Below ground level • In confined spaces • At height • With tools and equipment • With materials and substances • With movement and storage of materials by manual handling and mechanical lifting 			
	<p>2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to site, workplace, company, operative and vehicles</p>			
	<p>2.3 Explain what the accident reporting procedures are and who is responsible for making reports</p>			
3 Maintain safe and healthy working practices when installing supplementary steel frame finishings	<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 installing supplementary steel frame finishings</p>			
	<p>3.2 Demonstrate compliance with given information and relevant legislation when installing supplementary steel frame finishings in relation to the following:</p> <ul style="list-style-type: none"> • Safe use of access equipment • Safe use, storage and handling of materials, tools and equipment • Specific risks to health 			

	3.3 Explain why and when health and safety control equipment, identified by the principles of prevention, should be used, relating to the installing of supplementary steel frame finishings and the types, purpose and limitations for each type, the work situation and general work environment in relation to: <ul style="list-style-type: none"> • Collective protective measures • Local Exhaust Ventilation (LEV) • Personal Protective Equipment (PPE) • Respiratory Protective Equipment (RPE) 			
	3.4 Describe how the relevant health and safety control equipment should be used in accordance with the given working instructions			
	3.5 Describe how emergencies should be responded to in accordance with organisational authorisation and personal skills when involved with fires, spillages, injuries and other task-related activities			
4 Select the required quantity and quality or resources for the methods of work to install supplementary steel frame finishings	4.1 Select resources associated with own work in relation to: <ul style="list-style-type: none"> • Materials • Components • Fixings • Tools • Equipment • Consumables 			
	4.2 Describe the characteristics, quality, uses, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> • Brick tie systems, breather membrane, vapour control layers, sirtops, insulations, internal linings, sheathing boarding and associated items • Fittings and fixings (classing support fixings) • Consumables • Hand tools, portable power tools and equipment 			
	4.3 Describe how to confirm that the resources and materials confirm to the specification			
	4.4 Describe how the resources should be used correctly and how problems associated with the resources are reported			

	4.5 Explain why the organisational procedures have been developed and how they are used for the selection of required resources			
	4.6 Describe any potential hazards associated with the resources and methods of work			
	4.7 Describe how to calculate quantity, length, area and wastage associated with the method and procedure to install supplementary steel frame finishings			
5 Minimise the risk of damage to the work and surrounding area when installing supplementary steel frame finishings	5.1 Protect the work and its surrounding area from damage in accordance with safe working practices			
	5.2 Maintain a clear and tidy workspace			
	5.3 Dispose of waste in accordance with current legislation			
	5.4 Describe how to protect work from the damage and purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions			
	5.5 Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers information, statutory regulations and official guidance			
6 Complete the work within the allocated time when installing supplementary steel frame finishings	6.1 Demonstrate completion of the work within the estimated allocated time			
	6.2 Describe the purpose of the work programme and explain why deadlines should be kept in relation to: <ul style="list-style-type: none"> • Types of productivity targets and time scales • How times are estimated • Organisational procedures for reporting • Circumstances which will affect the work programme 			
7 Comply with the given contract information to install supplementary steel frame finishings to the required specification	7.1 Demonstrate the following work skills when installing supplementary steel frame finishings: <ul style="list-style-type: none"> • Measuring • Marking out • Fitting • Finishing • Positioning • Securing 			

	7.2 Use and maintain hand tools, portable power tools and ancillary equipment			
	7.3 Install at least one of the following to given working instructions: <ul style="list-style-type: none"> • Brick tie systems • Breather membrane • Vapour control layer • Fire stops • Insulation • Internal linings • Sheathing boarding • Cladding support fixtures 			
	7.4 Describe how to apply safe and healthy work practices, follow procedures, report problems and establish the authority needed to rectify them, to: <ul style="list-style-type: none"> • provide information for Building Information Modelling (BIM) • install brick tie systems, breather membranes, vapour control layers, fire stops, insulation, internal linings, sheathing boarding and cladding support fixtures • form connections associated with steel frame construction • install insulation to achieve the specified energy and carbon performance • avoid thermal bridging, bypassing and condensation • apply the principles of airtightness and ventilation • form joints associated with fixing internal linings • recognise and determine when specialist skills and knowledge are required and report accordingly • identify and follow the installation quality requirements • work with, around and in close proximity to plant and machinery • direct and guide the operations and movement of plant and machinery • use hand tools, portable power tools and equipment • work at height • use access equipment • economise the use of water, report leaks and turn taps off 			

Preparing and assembling cold formed steel frames in the workplace							
GQA Ref	VR499 v2	Regulatory Ref	M/650/9167	Level	2	Credit Value	15
Unit Aims The aim of this unit is to demonstrate the candidate has the skills and knowledge required to prepare and assemble cold formed steel and is able to follow working instructions, for at least one of the following wall frames, floor frames, support structures and roofs							
Assessment Guidance Assessors for this unit must have verifiable, current industry experience and a sufficient depth of relevant occupational expertise and knowledge. All criteria must be assessed, and evidence must be auditable							
Learner Outcomes - The learner will:		Assessment Criteria - The learner can:		Evidence Ref Number			
				1	2	3	
1 Interpret the given information relating to the work and resources when assembling cold formed steel frames		1.1 Interpret and extract relevant information from drawings, specifications, digital information, schedules, method statements, risk assessments and manufacturers information.					
		1.2 Comply with information and/or instructions derived from risk assessments and method statements.					
		1.3 Describe the organisational procedure developed to report and rectify inappropriate information and unsuitable resources and how they are implemented.					
		1.4 Describe different types of information, their source and how they are interpreted in relation to: <ul style="list-style-type: none"> • Drawings • Specifications • Digital information and 3D modelling • Method statements • Risk Assessments • Manufacturers Technical Information • Official Guidance and current regulations governing buildings relating to the assembly of cold form steel frames 					
2 Know how to comply with relevant legislation and official guidance when assembling cold formed steel frames		2.1 Describe their responsibilities regarding potential accidents, health hazards and the environment whilst working: <ul style="list-style-type: none"> • In the workplace • Below ground level • In confined spaces • At height • With tools and equipment • With materials and substances 					

	<ul style="list-style-type: none"> With movement and storage of materials by manual handling and mechanical lifting 			
	<p>2.2 Describe the organisational security procedures for tools, equipment and personal belongings in relation to:</p> <ul style="list-style-type: none"> Site Workplace Company Operative Vehicles 			
	2.3 Explain what the accident reporting procedures are and who is responsible for making reports			
3 Maintain safe and healthy working practices when assembling cold formed steel frames	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 assembling cold formed steel frames			
	<p>3.2 Demonstrate compliance with given information and relevant legislation when assembling cold formed steel frames in relation to the following:</p> <ul style="list-style-type: none"> Safe use of access equipment Safe use, storage and handling of materials tools and equipment Specific risks to health 			
	<p>3.3 Explain why and when health and safety control equipment, identified by the principles of prevention should be used relating to the assembling of cold formed steel frames 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 Local Exhaust Ventilation (LEV) Personal Protective Equipment (PPE) Respiratory Protective Equipment (RPE) 			
	3.4 Describe how the relevant health and safety control equipment should be used in accordance with given working instructions			
	3.5 Describe how emergencies should be responded to in accordance with organisations authorisation and personal skill when involved with fires, spillages, injuries and other task-related activities			
4 Select the required quantity and quality of resources of the methods of work to assemble cold form steel frames	4.1 Select resources associated with own work in relations to materials, components, fixings, tools, equipment and consumables			

	4.2 Describe the characteristics, quality, users, sustainability, limitations and defects associated with the resources in relation to: <ul style="list-style-type: none"> Steel components for walls, floors, support structures and roofs, insulation materials, fixings, fittings, sheet materials Consumables Hand tools, portable power tools and equipment 			
	4.3 Describe how to confirm that the resources and materials conform to specification			
	4.4 Describe how the resources should be used correctly and how problems associated with the resources are reported			
	4.5 Explain why the organisational procedures have been developed and how they are used for the selection of the required resources			
	4.6 Describe any potential hazards associated with the resources and methods of work			
	4.7 Describe how to calculate quantity, length, are and wastage associated with the method and procedure to assemble cold formed steel frames			
5 Minimise the risk of damage to the work and surrounding area when assembling cold formed steel frames	5.1 Protect the work and its surrounding area from damage in accordance with safe working practices and organisational procedures			
	5.2 Maintain a clear and tidy workspace			
	5.3 Dispose of waste in accordance with current legislation			
	5.4 Describe how to protect work from damage and purpose of protection in relation to general workplace activities, other occupations and adverse weather conditions			
	5.5 Explain why the disposal of waste should be carried out safely in accordance with environmental responsibilities, organisational procedures, manufacturers information, statutory regulations and official guidance			
	6.1 Demonstrate completion of the work within the estimated, allocated time			

6 Complete the work within the allocated time when assembling cold formed steel frames	<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 productivity targets and time scales • How times are estimated • Organisational procedures for reporting circumstances which will affect the work programme 			
7 Comply with the given contract information to prepare and assemble cold formed steel frames to the required specification	<p>7.1 Demonstrate the following work skills when preparing and assembling cold formed steel frames:</p> <ul style="list-style-type: none"> • Measuring • Marking out • Aligning • Cutting • Fitting • Finishing • Positioning • Securing 			
	<p>7.2 Use and maintain hand tools, portable power tools and ancillary equipment</p>			
	<p>7.3 Prepare and assemble cold formed steel for at least one of the following to given working instructions:</p> <ul style="list-style-type: none"> • Wall Frames • Floor Frames • Support Structures • Roofs 			
	<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"> • Provide information for Building Information Modelling (BIM) • Prepare and assemble load and non-load bearing wall frames, floor frames, support structures and roods to the given specification • Set up a workstation prior to assembly • Recognise and determine when specialist skills and knowledge are required and report accordingly • Identify and follow the installation quality requirements 			

	<ul style="list-style-type: none"> • Work with, around and in close proximity to plant and machinery • Direct and guide the operations and movement of plant and machinery • Use hand tools, portable power tools and equipment • Work at height • Use access equipment • Economise the use of water, report leaks and turn taps off 			
	7.5 Describe the needs of other occupations and how to communicate effectively within a team when assembling cold formed steel frames			
	7.6 Describe how to maintain the tools and equipment used for assembling cold formed steel frames			

Assessor Comments/Feedback

Notes

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