

Construction EPA Webinar

Carpentry & Joinery, Craft Carpentry & Joinery

Thank you for attending. We will begin soon.

Construction & the Built Environment Team

City & Guilds provide unrivalled support to our customers. To the right is a small selection of the support on offer to providers, employers and stakeholders.

The Construction team continue to go from strength to strength including our developing offer.





Jason Howe
Technical Advisor
M. 07912 042313
E.Jason.Howe@cityandguilds.com



Laura Harrap
Lead Business Manager- Yorkshire
M. 07703 806875
E.Laura.Harrap@cityandguilds.com



Louise Weale
Senior Product Lead
M. TBC
E.Louise.Weale@cityandguilds.com



Richie West
Industry Manager
M. 07872 463 185
E.Richie.West@cityandguilds.com



Nick Taylor
Product Manager
M. 07710 305 571
E.Nick.Taylor@cityandguilds.com

Support, Social Media and platforms

The Construction Team is operational over a number of social media, platforms, channels and are contactable by a central email address.



SmartScreen Resources

City & Guilds have a range of supportive delivery resources that teachers and students can use to enhance their learning. This is a paid for resource that you can speak to your dedicated business manager about.



LinkedIn

In addition to each member of the Construction Team being active on LinkedIn, we also have a dedicated City & **Guilds Construction** LinkedIn group with over 380 members.

To join, simply search for 'City & Guilds Construction' or follow this link here >



Construction Email

Construction has a central email address that links to the **Technical Advisors** and Industry Manager.

The email address is construction@cityand guilds.com



Eventbrite page

Construction has its own Eventbrite page. Our regional networks are shared via the page.

To view upcoming events, follow this link here >



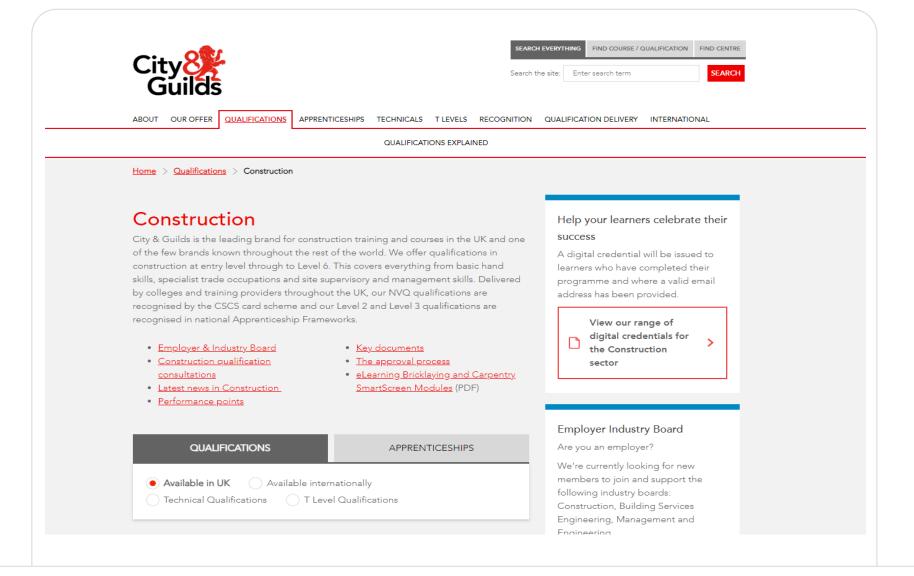
Go to Webinar Channel

Construction have our very own Go to Webinar Channel.

All our webinars. excluding Wales are stored on the channel.

Here is a link to the GtW channel >

Website



EPA Codes - Latest versions

EPA Code	EPA Title	Dates	IfATE Version no.
7077-22	Bricklayer – Level 2	07.08.2023 - present	V1.2
9177-12	Craft Bricklayer – Level 3	08.06.2023 - present	V1.0
9078-31	Carpentry & Joinery – Level 2	19.08.2023 - present	V1.3
9079-31	Craft Carpentry & Joinery – Level 3	21.08.2023 - present	V1.2
9080-21	Painter & Decorator – Level 2	19.08.2023 - present	V1.2
TBC	Craft Painter & Decorator – Level 3	17.07.2024 - present	V1.0
9086-21	Plasterer – Level 2	18.01.2024 - present	V2.1
TBC	Craft Plasterer – Level 3	17.07.2024 - present	V1.0
9076-12	Groundworker – Level 2	14.03.2024 - present	V1.2
9673-22	Property Maintenance Operative – Level 2	03.01.2023 - present	V1.1

EPA Pro

EPA Pro is our one stop shop for all our EPA documents and support materials.

Selection of materials on EPA Pro:

- Gateway support
- EPA Guidance Packs
- EPA Resource Packs
- Matrix recording forms
- Sample Tests
- LIEPA Reports
- Exemplar Portfolios
- Top Tips for EPA, Apprentices and Tutors
- Professional Discussion Overviews
- Summary Documents
- Transcripts
- Synoptic project packs



Portfolio of Evidence



How do I set out a portfolio?

Refer to the Standard in question as this states both the number of pieces of evidence required and what KSBs this should cover. For this Standard typically 13 pieces of evidence

Evidence structure

There is no set format for evidence; however, the apprentice should make sure that the evidence is easy to follow, free from spelling and grammar mistakes, and contains all the relevant information.

The recommendation would be that each piece of evidence has a title page, clearly identifies the apprentice, the organisation and the task undertaken, identified KSB, dated and signed off by the employer or work-based recorder- a competent person.

Effective portfolios are usually between 15 and 30 pages long and accurately indexed

<u>Visit Level 2 Carpentry and Joinery webpage ></u>
<u>Visit Advanced Carpentry and Joinery webpage ></u>



Mapping a portfolio?

With every portfolio an evidence referencing form/checklist must be completed.

Found in the Recording Forms pack

- Map the evidence on the referencing form
- State the type of evidence, e.g. Witness Testimony (WT)
- In turn, each piece of evidence must be clearly referenced and labelled.
 Connecting it back to the recording form.
- Quality check/IV the evidence AND the recording form prior to submission.

Contents		
1	Introduction	4
	What is in this document	4
	How to use forms	4
	Declaration of authentication – Moulding	5
	Declaration of authentication – Portfolio	6
	Assessment 703: Oral questioning (Solid plastering option)- portfo	olio evidence
	reference form	7
	Assessment 704: Oral questioning (fibrous plastering option)- por	tfolio evidence
	reference form	10
	Employer/centre/training provider portfolio checklist	13

Highly recommended
Portfolios be in a single
PDF document and not
numerous individual PDFs



Referencing pieces of evidence

- Large pieces of evidence e.g. multi-page documents should be clearly referenced
- An IEPA should be able to locate the evidence quickly via the referencing
- Good practice has seen apprentices also reference in the margin
- If referencing is not clear the portfolio should be returned to the apprentice

Where necessary, confidentiality and data protection requirements must be adhered to e.g. permissions for use of video / images containing identifiable 3rd parties, (e.g. customers), anonymisation of documentation and permissions from customers when submitting documents relating to them.



EPA City Sy Guilds 9078-709 Declaration of Authenticity Form: Portfolio of Evidence (Site Carpenter) The Declaration of Authenticity must be completed as appropriate and submitted to City & Guilds with the apprentice's evidence for End-point Assessment. confirm that all work submitted is my own, and that I have acknowledged any sources I have used Place of work

I confirm that the evidence presented by the apprentice is ready for End-point Assessment. It is valid, authentic, reliable, and current and sufficient to meet the requirements of the relevant

confirm that all work was conducted under conditions designed to assure the authenticity of the

confirm that the evidence presented by the apprentice is ready for End-point Assessment. It is

apprentice's work, andI am satisfied that, to the best of my knowledge, the work produced is solely

Apprentice Portfolio of Evidence Checklist

City & Guilds have created a 'portfolio checklist' to help apprentices and providers/employers ensure that all relevant information is accounted for.

App	rentice Portfolio of Evidence Checklist	Tick when confirmed
1.	Is all evidence signed by the apprentice and dated? * E-signatures are also acceptable	⊠
2.	Is all evidence valid, authentic, current and sufficient (VACS)?	⊠
3.	Does evidence clearly show it is the apprentice's individual work (and if involved in teamwork, is it clear what specific contribution the apprentice made)?	⊠
4.	Does the evidence clearly demonstrate the apprentice's relevant knowledge?	⊠
5.	Has the apprentice used the evidence reference matrix form? Has all evidence been referenced?	⊠
6.	Does it showcase the apprentice's best pieces of work?	⊠
7.	Have duplicate and irrelevant pieces of evidence been removed?	⊠
8.	Is the majority of the evidence holistic in its nature?	⊠
9.	Is there sufficient evidence to cover the whole of the KSBs and grading descriptors that are referenced?	⊠
10.	Are any witness testimonies or employer references tailored to the apprentice?	⊠
11.	Has any client/customer reference information been anonymised?	⊠
12.	Are all external sources of information appropriately documented and referenced to the original source, showing clear understanding of how they relate to the criteria?	⊠

Project Address - Mickleover, Derby Knowledge, Skills & Behaviours you have covered: - K27 S14

FLOOR JOISTS

Portfolio of Evidence - Exemplar

Date - 03/03/24

Description of Work Carried Out: Floor Joists

On this job in Derby, I worked with my colleagues to fit floor joists and hangers while working at height. Before we arrived on the job, we had to collect all the materials and components from our depot in Matlock and load them into the van. This included some M12 x 160 bolts with hex nuts and washers, joists hangers and twist screws as well as some tubes of epoxy resin to secure the bolts through the joists and into the masonry wall. On arrival we loaded out the materials safely and set up our workbenches and power tools. We then consulted the drawings that were provided (see photos above) and checked we had the exact lengths and thickness and numbers of joists provided for the job. I checked the drawings while my colleague went through

Witness Statem	ent		
Activity	Installing stairs, handrail and spindles		
Date:	12/5/24		
Candidate's	Mark Anon	Candidate	ME Anon
Name:		Signature:	
Assessors Name	Ray Burns	Assessor	R Burns
		Signature	
KSBs covered	K7 K12 S7, B1 B2		

On this job Mark assisted me in fitting a straight flight staircase. Below is what I witnessed Mark do. Firstly, we marked and cut floorboards on the landing to the required distance to form the top tread. Then Mark marked out top newel post from top of finished floor to underside of trimmer joist to depth required. Mark then notched it and glued and fixed top riser with newel post. After that Mark marked out and cut stringer seat cut. We then lifted the staircase into position fixed down top tread and bolted the stringer to the wall. Mark made sure to fix under the treads, so the fixings were not seen. Next, we fit extra newel post to joist and half newel to the wall. Then I showed Mark how to mark out for the mortice and tenon for the handrail. Mark was able to chop these out by hand. The handrail was then fixed into position. Mark then fixed down the base rail and marked out the spindles keeping them to 80mm spacings as requested. Mark was able to cut and fit these level and plumb keeping all gaps equal. I am now confident that Mark can complete the fitting of a staircase with handrails & spindles, due to the involvement in this project Mark would be able to select the resources needed for the task and complete with minimal instruction.

minimum matraction			
Witnesses	Site Foreman/Joiner	Date	27/04/2022
position in			
company			
Witness Name	Chris Millar	Contact	0880
		No:	888000
Witness	C Millar		
signature			

3 9078-709 Evidence Reference Matrix: Portfolio of Evidence (Site Carpenter)



				Guild
Stand	dard reference	Evidence type Apprentice	Evidence reference Apprentice	Confirmation of evidence Employer/Training Provider only
Provi	ide examples of work undertaken for the skills, knowledge	, and behaviours in the row	s below:	
Cor e	Environment and sustainability K4, S3, B2			
K4	Understands the impact of the sector on the environment:			
	- Efficient use of resources	Annotated photographs	Page 12	⊠
	 Recycling, reuse, safe disposal of waste and sustainable forestry. 	Annotated photographs	Page 12	
S3	Complies with environmental and sustainability regulations, standards, and guidance.	Annotated photographs	Page 12	⊠
	Segregates resources for reuse, recycling, and disposal.	Annotated photographs	Page 12	
B2	Considers the environment when using resources and carrying out processes.	Annotated photographs	Page 12	⊠
Cor e	Carpentry and joinery techniques K7, K16, S4, S12			
K7, S4	Knows and complies with industry regulations, standards and guidance associated with carpentry activities:			
	- British standards	Witness Statement	Page 14	⊠
	- Building regulations	Witness Statement	Page 14	⊠
	 Warranty provider standards. 	Witness Statement	Page 14	⊠
K16, S12	Knows jig production techniques and produces jigs.	Annotated photographs	Page 15	⊠

Construction EPA – Practical

Role of the technician

The provider must ensure that a technician is available for the entire duration of the EPA. The technician does not need to be physically present in the assessment area at all times and may attend to other duties but must be **immediately** contactable by the IEPA and close enough to meet the following requirements:

- ✓ The technician should be available to provide technical support (tools, equipment, materials, assistance with lifting, etc.) whenever required.
- ✓ The technician should be ready at all times to deal with accidents, evacuation, etc.
- ✓ The technician must not teach or coach the apprentice in any way.

The technician must be occupationally competent and, as far as practically possible, independent from the teaching and learning of apprentices being assessed.



EPA considerations and tips

Preparation for EPA is as important as preparing your learners for the EPA.



- ✓ Gateway Portfolio submission must include the actual portfolio as well as the signed declaration form.
- Ensure evidence in the portfolio is health and safety compliant
- Ensure Apprentices are familiar with their own portfolio contents
- Consider the area for IEPA to deliver skills test briefing.
- ✓ Brief Technicians on their role (support, H&S) and be available at all times.
- Ensure learners and employers know EPA day/timings.
- Allow time after the assessment for the IEPA to mark and complete paperwork
- Think about lunch and refreshment arrangements.
- Think about storage for candidates and assessor.
- ✓ Display signage informing other learners and staff that an EPA is taking place and is a restricted area.
- ✓ Set up tool kits/boxes for each learner, in line with City & Guilds EPA resource packs: consider having replacement tools just in case.

EPA considerations and tips - continued

Preparation for EPA is as important as preparing your learners for the EPA.



- ✓ Prior to the EPA taking place- check all tools, equipment, materials and the EPA assessment area is in line with the resource pack (with additional materials available if required).
- ✓ Ensure the material specified are provided as per the actual materials specification.
- ✓ Inform candidates that some materials maybe left over.
- ✓ Set up work area as illustrated within the resource pack to industrial standards and surfaces prepared as stated.
- Main assessment should be in one area to support assessor observation.
- Centre assessment set up is confidential so apprentices do not know which task they will be completing until the day.
- Dismantle assessment tasks ASAP after the event.
- ✓ Practice planning sequence of work on a variety of tasks to help prepare for the actual EPA.

EPA Checklists



End-point assessment

A checklist for apprentices

We want you to be successful in your apprenticeship so we've put together a handy checklist to help stay on top of the steps in getting to, and passing, your end-point assessment (EPA).

The list isn't everything you need to do and it's not specific to your apprenticeship so we've left some empty rows for you to add in your own ideas. This is an aid and doesn't replace the advice and instruction from your employers and your tutors and providers.

Find out more about EPA on our YouTube channel <u>youtube.com/cityandguildsvideo</u> – especially <u>What is end-point assessment (EPA)?</u> and <u>Get to know our EPA preparation tool.</u>

Before EPA	✓	Comments
During your on-programme training, you may have to complete tasks, projects and coursework – make sure you meet the deadline(s) and deliver at the right quality		
You must log all your 20% off-the-job training. Your tutor or your employer has to authorise your records		
Make sure you're registered for our online EPA preparation tool if you're taking your EPA with City & Guilds. It helps build your confidence for assessment. Your provider will register you, so you'll get an email asking you to sign up – this will come about three months before your EPA		

Checklists



End-point assessment

Checklist for employers

Use our handy checklist for each apprentice or cohort to tick off some of the key steps – and some of the easily overlooked tasks – to keep you on track to helping your apprentice through to successful completion of their end-point assessment (EPA).

This list is not exhaustive. Feel free to adapt it or send us your comments on how we can make it more useful for you: apprenticeships@cityandguilds.com.

Before gateway	✓	Comments
The apprentice meets the requirements of the assessment plan and confirm with your provider that you believe the apprentice to be competent		
The apprentice has clear evidence they have completed their mandatory 20% off-the-job training (or are on track to)		
An assessment window is set with your provider when you'll agree the apprentice is ready to be booked in for EPA		



End-point assessment

Checklist for providers

Use our handy checklist for each apprentice or cohort to tick off some of the key steps – and some of the easily overlooked tasks – to keep you on track to helping your apprentice through to successful completion of their end-point assessment (EPA).

Remember, while employers should choose which EPA organisation to use, you will do most of the liaison with the assessment organisation.

This list is not exhaustive. Feel free to adapt it or send us your comments on how we can make it more useful for you: apprenticeships@cityandguilds.com.

Before gateway	/	Comments
Register each apprentice for EPA, with your employer's chosen EPA organisation		• Rec
Identify any special access requirements the apprentice needs and, if necessary, get the EPA organisation's authorisation for this, such as time extensions		
Provide appropriate on-programme training/assessment (including maths and English) to ensure each apprentice meets the required skills and knowledge of their apprenticeship		

Some Frequently Asked Questions

Question	Answer
Can apprentices use their own portfolio index/mapping?	No. These are provided in the EPA recording form document, they must be used i.e. the Referencing Form and Checklist. How the evidence is compiled to demonstrate competence is for apprentice/centre to decide
Should I include everything the apprentice has done in the portfolio submitted for EPA?	No. We want to see just the best the apprentice has per outcome.
Should I include some early work and then their improved work for the portfolio?	No. We want to see what they have become and not the journey.
Does the portfolio have to be submitted in a word-processed document?	No, but best practice would recommend this as the assessor needs to read the portfolio content.
Should we still review and IQA work in the portfolio?	Yes. While you are not making judgements, you still need to ensure your apprentices have covered all KSBs in the Standard.
	Allows for gap analysis before submission of evidence.
	Check work has been signed to state it is their own work.
	 Check no unnecessary duplication is being submitted or work that has no relevance to any Outcome.
	It is "I" and not "we".

Hints and tips for the Apprentice –

Oral Questioning during the Practical task

Do	Don't
Think before answering the questions	Answer with negative comments such as 'I don't know' or 'we don't do that where I work'
Ask for the question to be rephrased if you are uncertain what has been asked	Waffle on, giving information that isn't part of the question
If possible, give specific examples	Tell the assessor what you think he/she wants to hear
Give as much detail as possible	Give one word or very brief answers
Practise questions and answers with your tutor prior to the assessment	Give conflicting information

Hints and tips for the Apprentices –

Oral questioning assessment

Do	Don't
Speak clearly and concisely	Don't mumble
Talk about what you have done, e.g. "I did"	Say 'we', unless you qualify it
Use examples in answers	Be vague
Think about your answers before you give them	Make assumptions
Stay calm – listen to the questions being asked	Ignore what you think may be obvious
Ask for any questions to be repeated or re-phrased	Assume you have understood if you are at all unsure
Tell the interviewer further information, or ask to talk about tasks that you feel are your best work	Be scared to also lead on the discussion
Try and put answers into context of your workplace	Assume the interviewer knows all about your company and how they work

New Carpentry & Joinery Apprenticeship Standard Level 2 9078-31

Version 1.3

19.08.2023 - Present

Key differences between v1.2 and v1.3

Topic	Version 1.2 (9078-21)	Version 1.3 (9078-31)
Dates	27.01.2023 - 18.08.2023	19.08.2023 - present
Duration	24 months	24 months
Funding	£11,000	£13,000
Gateway	Portfolio of evidence	Portfolio of evidence
Duties	7 + (3 Carpentry / 4 Joinery)	11 per trade (8+3)
Knowledge	21	40
Skills Carpentry	17	22 (13+9)
Skills Joinery	17	21 (13+8)
Behaviours	7	5
Grading	F,P,D	F,P,M,D
Assessment days (1:4)	1 day (without interview)	2 days (without interview)
Practical duration	7 hours + 4 questions	12 hours + 10 questions
Interview duration	45 mins (+10%) (10 questions)	60 mins (+10%) (10 questions)



V 1.3 Level 2 Carpentry and Joinery assessment overview

9078-31

1

On-programme

Typically, 24 months before gateway assessment approach

Generic/technical knowledge and skills

Off the job training English and maths

(Level 1 & L2 taken)

Application of knowledge, skills and behaviours

On the job training and assessment

Development of portfolio of evidence to
demonstrate the KSBs that will be assessed by
oral questioning.

(typically, 10 pieces of discrete pieces of evidence)

Complete typically in last 10 months of apprenticeship

NEW EPA launched 15th July



Assessment gateway

Gateway sign off from employer and provider.

Gateway sign off from employer and provider: Trainee demonstrating competency consistently at or above the occupational standard.

Portfolio of evidence complete English and Maths certificate

Apprenticeship completion

Grades = P/M/D

Resit available to pass grade only and must be taken within a six- month period - if not retake all



End-point assessment

Fully coordinated and delivered by an independent end-point assessment organisation

Knowledge test (eVolve)

40 m/c questions (60 mins)
Maximum 30 candidates
Remote Invigilation available
Min marks- Pass 25 Distinction 33

Practical skills test

12 hours (+10% per task, if needed) over two days - one task with 4 elements. Five oral questions - one per task over the period.

Pass/Distinction Assessor ratio 1:4

Interview questioning underpinned by portfolio

Min 10 oral questions covering knowledge, skills and behaviours (60 mins) +10% if needed. P/D (Remote video conferencing)

Complete within 6 months of reaching gateway

Carpentry & Joinery EPA Grading

MCQ Test	Practical w/Questions	Interview w/portfolio	Overall
Any grade	Any grade	Fail	Fail
Any grade	Fail	Any grade	Fail
Fail	Any grade	Any grade	Fail
Pass	Pass	Pass	Pass
Pass	Distinction	Pass	Pass
Distinction	Pass	Pass	Pass
Pass	Pass	Distinction	Pass
Distinction	Pass	Distinction	Pass
Distinction	Distinction	Pass	Merit
Pass	Distinction	Distinction	Merit
Distinction	Distinction	Distinction	Distinction



New Carpentry & Joinery EPA – Practical - Typical

Day 1

7 hours (8am start)

- Briefing: 30mins
- Session 1: 1hr
- Break 15mins
- Session 2- 1hr 45mins
- Break 30mins
- Session 3- 1hr 45mins
- Break 15mins
- Session 4- 1hr 30mins

Day 2

7 hours (8am start)

- Briefing- 30mins
- Session 1- 1hr 45mins
- Break 15mins
- Session 2- 1hr 45mins
- Break 30mins
- Session 3- 1hr 30mins
- Break 15mins
- Session 4- 1hr

New Carpentry & Joinery EPA – Practical

Resource pack pages 6-17

The apprentice/IEPA ratio is <u>4:1</u>. The assessment area in the venue should be divided into individual apprentice work areas. Physical bays or partitions can be used to divide the space but are not mandatory.

Each candidate work area as a guide should be approx. <u>2400mm x 2400mm</u> with a level floor and at least one wall as shown on the next slide. Also:

- Bays built for 9078-21 may be used for 9078-31, but the small wall with door opening at the front of the bay must be removed.
- A clear working area must be provided in front of the build area.
- Overall dimensions may vary slightly. Please speak to a City & Guilds Technical Advisor if your set-up will be significantly different to that shown below.
- Equipment for sharpening hand tools must be available.

Candidate work areas must be positioned and laid out to ensure that:

- apprentices can work safely
- the line of sight between apprentices is kept to a minimum, as far as practically possible
- there is clear access space for transportation of equipment and materials.

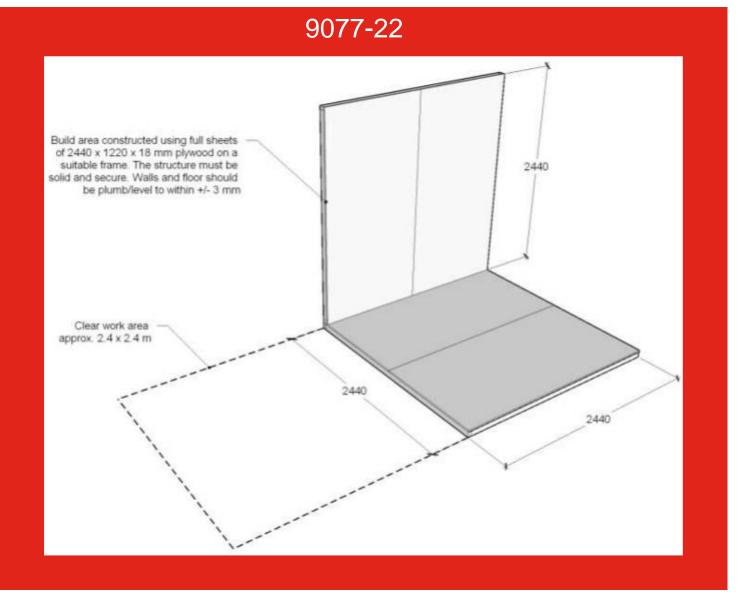
A small table and chair should be provided for the IEPA with clear line of sight to apprentice working areas, a 240v power supply, internet access and Wi-Fi codes.



New Site Carpentry EPA

Practical set up

Bays built for 9078-21 may be used for 9078-31, but the small wall with door opening at the front of the bay must be removed.



Page 6-17 in the resource pack

New Site Carpentry – Practical set up

The roof trusses and walls shown next must be pre-built by the TP. They have been designed for easy assembly and can be reused for as long as they remain fit for purpose.

Other materials and hardware may be reused/recycled, as appropriate, but must be in good condition.

Plywood fascia must be cut to width and the 6 mm x 6 mm soffit groove cut by the TP.

Bargeboard, soffit, ridge, ledger and bracing must be cut to width by the TP.

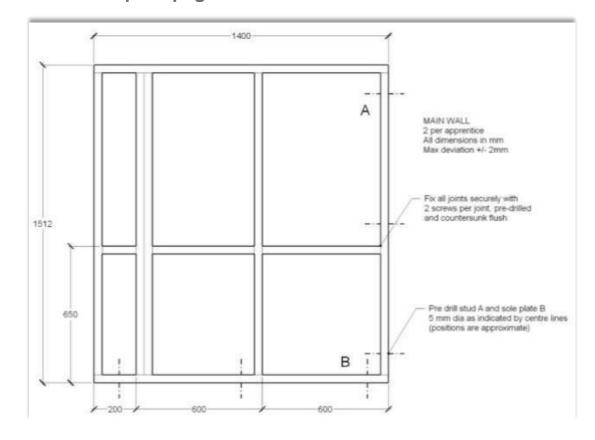
Please note:

- All resources must be in place before the start of the EPA.
- All tools, materials and rigs must be checked by TP staff before the start of the EPA.
- If resources are not up to the required standard, the EPA may have to be rescheduled.

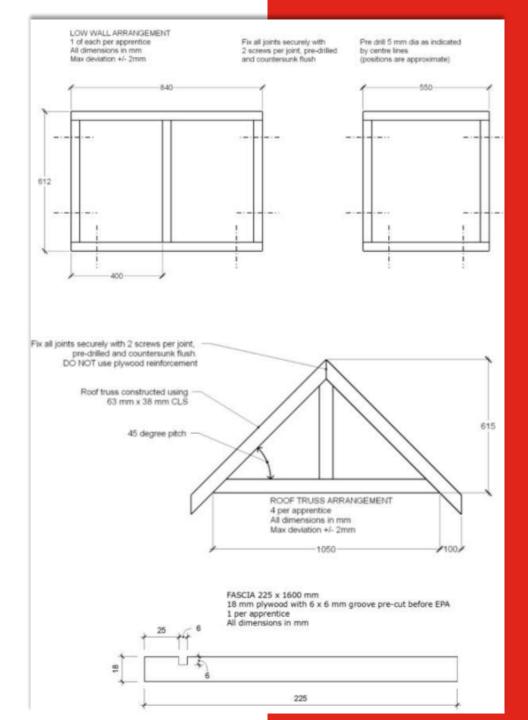


New Site Carpentry EPA – Practical set up

Resource pack pages 6-17



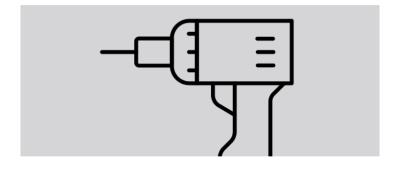
All timber stud walls to be constructed from 63 x 38 mm CLS



Setting up the work area.

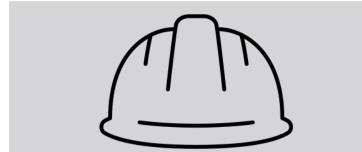


9078-31 Site carpentry, some key points and reminders...



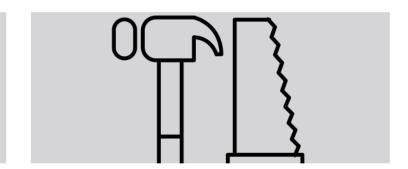


- Bays used for 9078-21 may be used but the doorway must be removed.
- Otherwise, a raised floor and wall should be provided as shown in your resource pack.
- The floors and walls must be secure, flat, square and plumb.



Materials

- The quality of materials provided can have a major effect on the apprentice's work.
- Materials should be checked shortly before the assessment.
- Sufficient materials should be provided to allow for mistakes and rejects.



Tools

- Tools MUST meet the requirements set out in your resource pack
- Apprentices MUST be trained to use the tools they will use during the assessment safely and correctly.
- It has been noted that some apprentices are not familiar with the tools required by the assessment plan, particularly routers. This has been seen to seriously disadvantage many apprentices.
- Apprentices may use their own tools provided the requirements listed above are met.

New Architectural Joinery – Practical set up

Work area

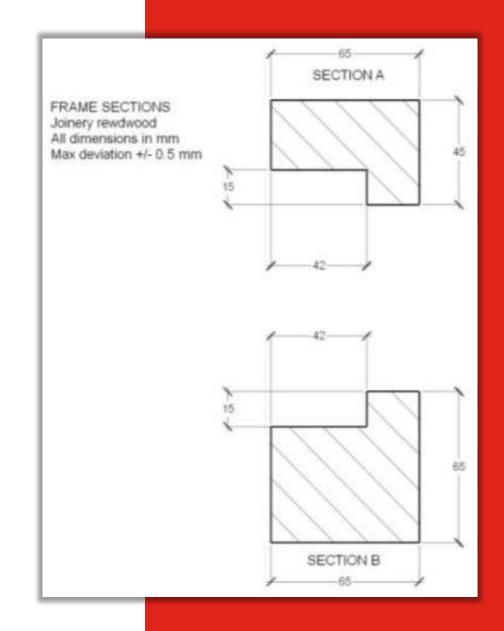
- A machine shop with the fixed machines listed below must be available at the EPA venue.
- A bench must also be provided for each apprentice either in, or adjacent to the machine shop. The bench should be suitable for drawing the rod, assembly and finishing of a substantial window frame.
- Sufficient machinery and space must be available to allow apprentices to plan their workflow without significant delays or disruption. This may limit the number of apprentices that can be assessed in your workshop in a single session.
- Please speak to a City & Guilds Technical Advisor if you have any questions.
- Equipment for sharpening hand tools must be available.



New Architectural Joinery – Practical set up

Materials

- A setting-out board must be provided; this must be clean, square and flat. 12 mm MDF is recommended. Minimum dimensions are 1000 x 900 mm.
- Good quality joinery redwood with minimal knots should be provided for this practical EPA.
- All materials should be checked before the EPA by the TP. Any warped or damaged sections should be replaced before the EPA begins.
- Quantities shown in the table below are for one apprentice to complete this activity, assuming no mistakes are made. A substantial amount of extra stock should be prepared before the EPA to allow for mistakes, damage, etc.
- Frame sections must be machined by the TP, including dimensioning the section and cutting the rebates. The finished sections should be square and accurate to within ±0.5 mm.
- Sash sections will be machined and rebated by the apprentice during the EPA from sawn joinery redwood provided by the TP.

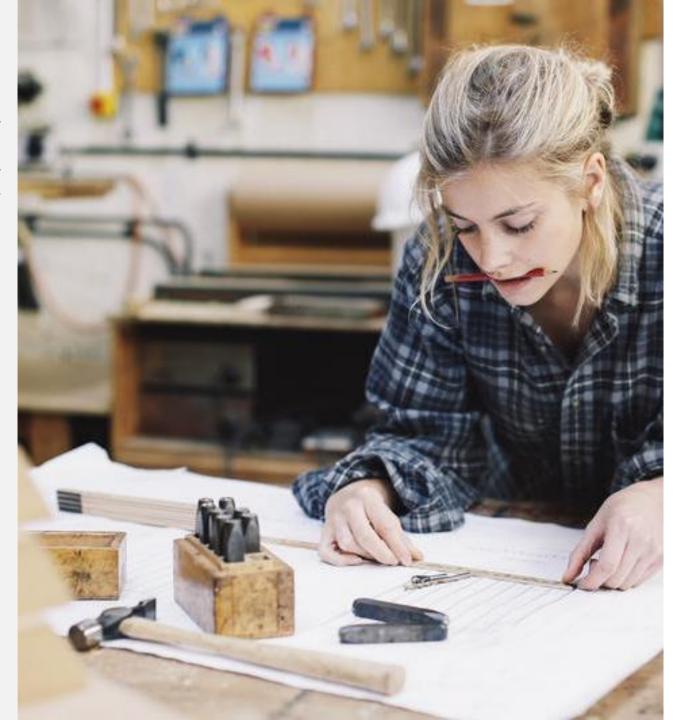


Machine shop requirements

Poor machine shop set up has been seen to disadvantage apprentices:

- Please check the requirements listed in your resource pack carefully well in advance of a scheduled EPA
- Router table condition has been a common issue, please note the following:
 - All guards and fences in place.
 - LEV connected.
 - Height adjustment easy to access and fully functional.
 - Correct tooling sharp, clean and in good condition.
 - No chips or damage to tooling.





Machine shop safety

There have been instances where apprentices have not been trained to use the equipment listed in the resource pack, for example, specific types of fixed woodworking machines, routers and router tables:

- Apprentices should be fully familiar with the workshop and the specific equipment they will be using during the EPA.
- If the IEPA has concerns that an apprentice cannot use the equipment provided safely, the assessment will be stopped.
- Please ensure that you do not overload the workshop. Consider how many apprentices can realistically work safely and efficiently in the available space.

New Craft Carpentry & Joinery Apprenticeship Standard Level 3 9078-31

Version 1.3

19.08.2023 - Present

Key differences between v1.2 and v1.3

Topic	Version 1.1 (9079-21)	Version 1.2 (9079-31)
Dates	21.05.2021 - 18.08.2023	19.08.2023 - present
Duration (Typically)	15 months	15 months
Funding	£11,000	£13,000
Gateway	Portfolio of evidence + FD	Portfolio of evidence + FD
Duties	9 + (4 Carpentry / 5 Joinery)	13 + (5 Carpentry / 6 Joinery)
Knowledge	26	21 + (7 Carpentry / 6 Joinery)
Skills Carpentry	18	19
Skills Joinery	18	19
Behaviours	7	6
Grading	F,P,D	F,P,M,D
Assessment days (1:4)	1 day (without interview)	2 days (without interview)
Practical duration	7 hours + 4 questions	12 hours + 6 questions
Interview duration	75 mins (+10%) (10 questions)	90 mins (+10%) (10 questions)



V1.2 Level 3 Advanced Carpenter and Joiner assessment overview

9079-31



On-programme

Typically, 15 months before gateway assessment approach

Generic/technical knowledge and skills

Off the job training English and maths

(Level 1 & Level 2 achieved)

Application of knowledge, skills and behaviours

On the job training and assessment

Development of portfolio of evidence to
demonstrate the KSBs that will be assessed by
oral questioning.

(typically, 15 pieces of discrete pieces of evidence)

Complete typically in last 10 months of apprenticeship

NEW version live 19 August 2023



Assessment gateway

IFATE link for revsiions

Trailblazer contact - for apprenticeship standard content and trailblazer membership queries only

Gateway sign off from employer and provider.

Gateway sign off from employer and provider: Trainee demonstrating competency consistently at or above the occupational standard.

Portfolio of evidence complete English and Maths certificate C&G Level 3 Fire Door Qualification

Apprenticeship completion

Grades = P/D

Resit available to pass grade only and must be taken within a six- month period - if not retake all



End-point assessment

Fully coordinated and delivered by an independent end-point assessment organisation

Knowledge test (eVolve)

40 m/c questions (70 mins)
Maximum 30 candidates
Remote Invigilation available
Min marks- Pass 25 Distinction 33

Practical skills test

12 hours (+10% per task, if needed) over two days. Minimum six oral questions.

Pass/Distinction

Assessor ratio 1:4

Interview questioning underpinned by portfolio

Min 10 oral questions covering knowledge, skills and behaviours (90 mins) +10% if needed. P/D (F2F/Remote video conferencing)

Complete within 3 months of reaching gateway

Craft Carpentry & Joinery EPA Grading

MCQ Test	Practical w/Questions	Interview w/portfolio	Overall
Any grade	Fail	Any grade	Fail
Any grade	Any grade	Fail	Fail
Fail	Any grade	Any grade	Fail
Pass	Pass	Pass	Pass
Distinction	Pass	Pass	Pass
Pass	Distinction	Pass	Pass
Pass	Pass	Distinction	Pass
Distinction	Distinction	Pass	Merit
Pass	Distinction	Distinction	Merit
Distinction	Distinction	Distinction	Distinction



New Craft Carpentry & Joinery EPA – Practical

Resource pack pages 6-17

The apprentice/IEPA ratio is <u>4:1</u>. The assessment area in the venue should be divided into individual apprentice work areas. Physical bays or partitions can be used to divide the space but are not mandatory.

Each candidate work area as a guide should be approx. <u>2400mm x 2400mm</u> with a level floor and at least one wall as shown on the next slide. Also:

- Bays built for 9078-21 may be used for 9078-31, but the small wall with door opening at the front of the bay must be removed.
- A clear working area must be provided in front of the build area.
- Overall dimensions may vary slightly. Please speak to a City & Guilds Technical Advisor if your set-up will be significantly different to that shown below.
- Equipment for sharpening hand tools must be available.

Candidate work areas must be positioned and laid out to ensure that:

- apprentices can work safely
- the line of sight between apprentices is kept to a minimum, as far as practically possible
- there is clear access space for transportation of equipment and materials.

A small table and chair should be provided for the IEPA with clear line of sight to apprentice working areas, a 240v power supply, internet access and Wi-Fi codes.



New Craft Carpentry & Joinery EPA – Practical

Timing and breaks

- The practical assessment with questions will take place over two working days with no more than 7.5 working hours per day.
- The apprentice has up to 12 hours to complete the assessment.
 This is total work time; briefings, breaks and delays fall outside of this allotted time.
- The IEPA may increase the assessment by up to 10% to allow the apprentice to complete a task or answer a question, or to compensate for time lost due to factors outside of the apprentice's control.
- Breaks must meet current guidelines with a minimum of 30 minutes lunch break and two x 15-minute breaks in the morning and afternoon of each day. Specific times should be agreed upon to minimise disruption.
- A wall clock should be provided.





Craft Site Carpentry - Set up

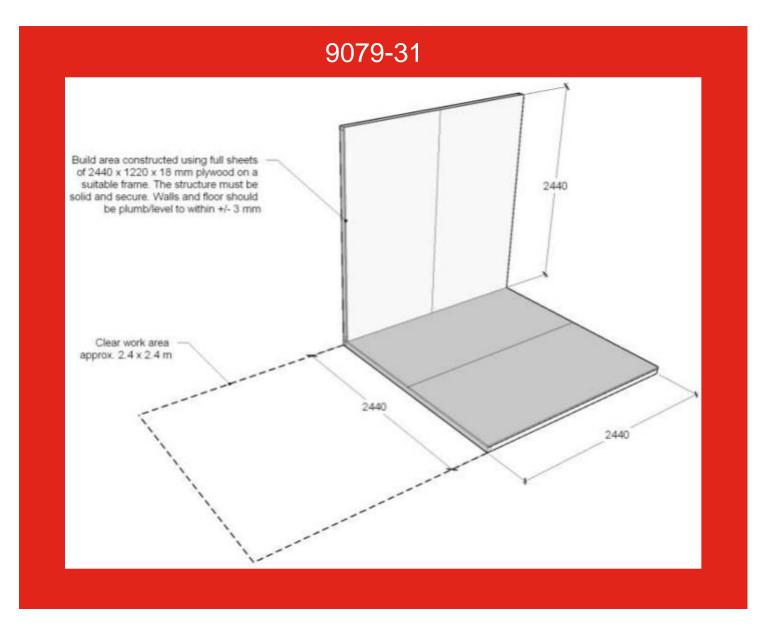
Practical Assessment Guidance for Providers

(Not to be shared with apprentices)

New Craft Site Carpentry EPA

Practical set up

Bays built for 9078-21 may be used for 9079-31, but the small wall with door opening at the front of the bay must be removed.



7

New Craft Site Carpentry – Practical set up

9079-31, Pg. 6-11 resource pack

Task 1 Craft Site Carpenter set-up requirements

Work area (for each apprentice)

- The work area must include a level floor and at least one wall (as shown in the Level 3 Practical Assessment: Craft Site Carpenter set-up diagram below)
- Bays built for 9079-21 may be used for 9079-31 but the small wall with door opening at the front of the bay must be removed
- . A clear working area must be provided in front of the build area
- Overall dimensions may vary slightly; please speak to a City & Guilds Technical Advisor if your set-up will be significantly different to the 9079-31 Level 3 Practical Assessments Craft Site Carpenter set-up diagram
- · Equipment for sharpening hand tools must be available.

Material requirements

- Two new hollow internal doors must be provided for each apprentice. Spare doors should be available in case of apprentice error or damage.
- CLS should be new. However, a stock of recycled short lengths may be provided for items such as noggings. These must be free from fixing holes and other defects.
- Door linings should be new. These should be checked just prior to the EPA and any warped, cupped or otherwise unsuitable sections replaced.
- Unless otherwise specified, good quality softwood (S/W) should be provided for the assessment.

Please note:

- . All resources must be in place before the start of the practical assessment.
- All tools, materials and rigs must be checked by appropriate staff before the start of the practical assessment.
- If resources do not meet the required standard, the practical assessment may have to be rescheduled.

Level 3 Craft Site Carpenter Practical Assessment: Materials, Tools and Equipment Checklist

The checklists below provide details to ensure the materials, tools and equipment requirements are met by the EPA customer for this practical assessment.

Mate	terials checklist		
✓	Item	Requirements	
	Hollow internal door (1981 x 610 mm)	2 per apprentice Flush or moulded.	
	CLS studding	18 per apprentice 63 x 38 x 2400 mm.	

Note:

- The quantities shown below are the minimum required for one apprentice to complete
 one structure
- . Extra materials should be added to the overall stock to allow for mistakes or damage
- Lengths shown for these items are the minimum needed for any given version. You may leave lengths longer to suit standard available sizes (eg 2440 or 2400 mm) as the apprentice will be required to cut to finished length during the practical assessment.

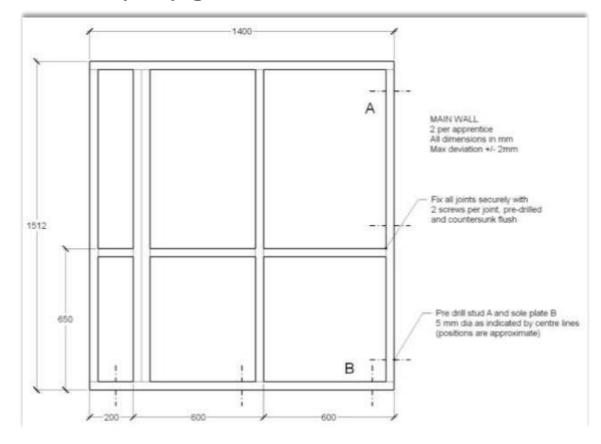
	Double door lining	1 set per apprentice (3 lengths) 27.5 x 94 mm (S/W) • Thickness +/- 2.5 mm	
Ш		May be purchased or produced in house	
		 The apprentice will form the housing joints during the assessment: the head section must either have no pre- formed housing or may be purchased longer than required and cut to length to remove housings. 	
	Stop batten	3 per apprentice 12 x 32 x 2100 mm (S/W).	
	Bullnose skirting	1 per apprentice 15 x 95 x 3000 mm (S/W NOT MDF).	
	Bracing	1 per apprentice 100 x 18 x 2400 mm (or similar dimensions, any suitable material may be used).	

Tools and equipment

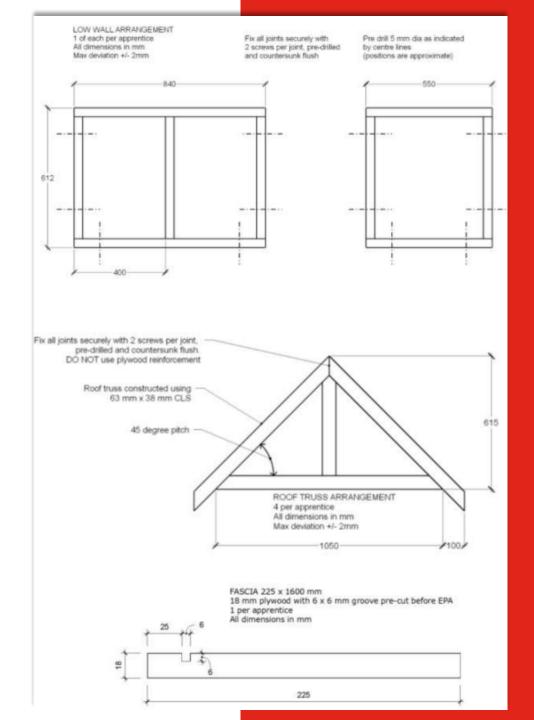
- Site carpentry tools must be available for each apprentice in good working order.
- The list below is intended to highlight specific tools essential for this practical assessment, other appropriate tools may be used.
- Apprentices may use their own tools provided they are in good working order and meet any relevant safety requirements.
- Apprentices must be fully trained and competent in the use of all the tools to be used on the day of the assessment.
- All power tools must be in good working order, including guards, fences, adjustment controls, tooling and any other components.
- All power tools must meet current health and safety requirements.
- All use of power tools must include appropriate dust control measures in line with current regulations and manufacturer's instructions.

New Craft Site Carpentry EPA – Practical set up

Resource pack pages 6-17



All timber stud walls to be constructed from 63 x 38 mm CLS

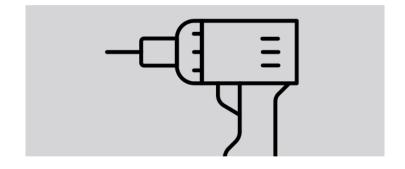


Setting up the work area.



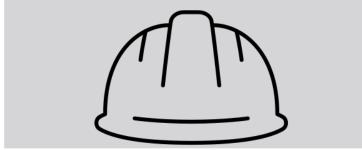


Some key points and reminders...



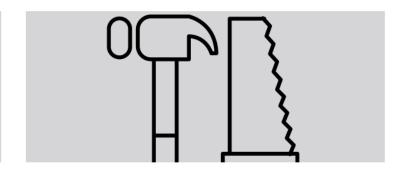


- Bays used for 9079-21 may be used.
- Otherwise, a raised floor and wall should be provided as shown in your resource pack.
- The floors and walls must be secure, flat, square and plumb.



Materials

- The quality of materials provided can have a major effect on the apprentice's work.
- Materials should be checked shortly before the assessment.
- Sufficient materials should be provided to allow for mistakes and rejects.



Tools

- Tools MUST meet the requirements set out in your resource pack.
- Apprentices MUST be trained to use the tools they will use during the assessment safely and correctly.
- It has been noted that some apprentices are not familiar with the tools required by the assessment plan, particularly routers. This has been seen to seriously disadvantage many apprentices.
- Apprentices may use their own tools provided the requirements listed above are met.



Craft Architectural Joinery- Set up

Practical Assessment Guidance for Providers

(Not to be shared with apprentices)

New Craft Architectural Joinery – Practical set up

Work area

- A machine shop with the fixed machines listed below must be available at the EPA venue.
- A bench must also be provided for each apprentice either in, or adjacent to the machine shop. The bench should be suitable for drawing the rod, assembly and finishing of a substantial window frame.
- Sufficient machinery and space must be available to allow apprentices to plan their workflow without significant delays or disruption. This may limit the number of apprentices that can be assessed in your workshop in a single session.
- Please speak to a City & Guilds Technical Advisor if you have any questions.
- Equipment for sharpening hand tools must be available.

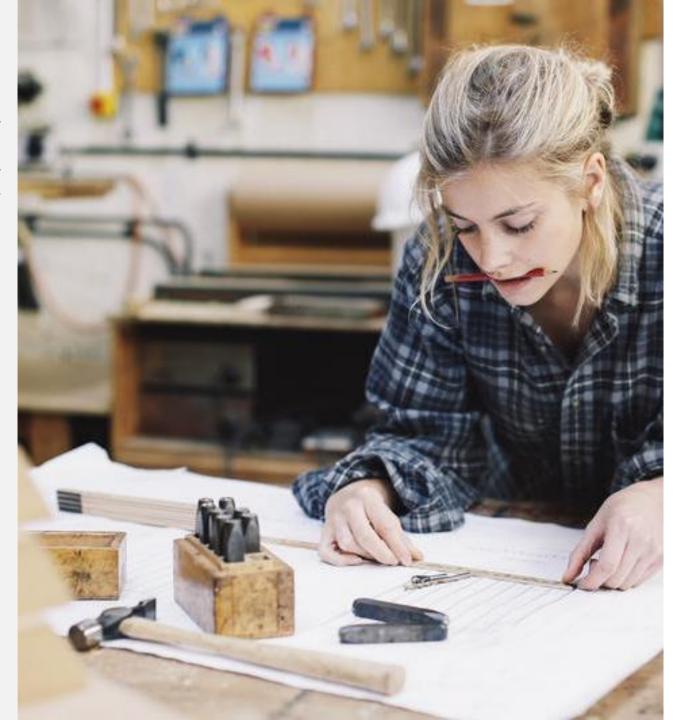


Machine shop requirements

Poor machine shop set up has been seen to disadvantage apprentices:

- Please check the requirements listed in your resource pack carefully well in advance of a scheduled EPA
- Router table condition has been a common issue, please note the following:
 - All guards and fences in place.
 - LEV connected.
 - Height adjustment easy to access and fully functional.
 - Correct tooling sharp, clean and in good condition.
 - No chips or damage to tooling.





Machine shop safety

There have been instances where apprentices have not been trained to use the equipment listed in the resource pack, for example, specific types of fixed woodworking machines, routers and router tables:

- Apprentices should be fully familiar with the workshop and the specific equipment they will be using during the EPA.
- If the IEPA has concerns that an apprentice cannot use the equipment provided safely, the assessment will be stopped.
- Please ensure that you do not overload the workshop. Consider how many apprentices can realistically work safely and efficiently in the available space.

Some key points and reminders...

Materials

- The quality of materials provided can have a major effect on the apprentice's work.
- Materials should be checked shortly before the assessment.
- Sufficient materials should be provided to allow for mistakes and rejects.
- Good quality joinery redwood with minimal knots should be used for this EPA.
- Please refer to your resource pack for details of the sections required.

Tools

- All tools MUST meet the requirements set out in your resource pack
- Apprentices MUST be trained to use the tools they will use during the assessment safely and correctly.
- Apprentices may use their own tools provided the requirements listed above are met.

Essential training and equipment requirements

The 9079-31 standard has some very specific requirements for craft architectural joiners around curved and angled joinery work.

BEFORE YOU PLAN YOUR TRAINING/WORK EXPERIENCE PROGRAM

- Refer to the EPA Plan https://www.instituteforapprenticeships.org/apprenticeship-standards/craft-carpentry-and-joinery-v1-2
- Familiarise yourself, apprentices, employers and technical staff with section 7. Practical assessment with questions: Craft Architectural Joinery.
- Pay close attention to Grading: Practical assessment with questions
- Carefully study all of the listed KSBs, paying particular attention to **K30 K33 K34 S20 S21 S23 S26** which relate to training and equipment requirements.

BEFORE submitting gateway evidence, you should discuss the requirements of the EPA plan with the apprentice and their employer. Along with all the gateway requirements set out in the Plan, ask yourselves:

- Does the apprentice have the experience to demonstrate the KSBs listed in the EPA Plan?
- Have they been trained to use the specific tools and machinery required to produce windows with curved components?
- Have they been trained to use the specific tools and machinery required to produce windows non-90 degree glazing bars?
- Are they familiar with the workshop, equipment and machinery they will be using during the EPA?
- Have you observed them working safely and to the tolerances required using spindle moulders and jigs to produce curved components?

The apprentice's employer must be content that the apprentice has attained sufficient KSBs to complete the apprenticeship.

Specific equipment

Each apprentice will need a setting out board with clean, square edges and a clean face.

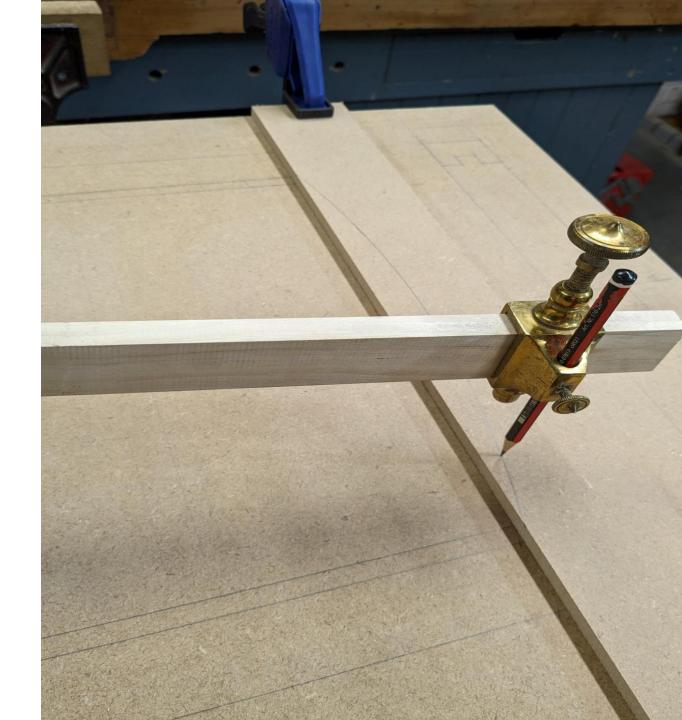
They will also need good quality marking out equipment as illustrated here.

Poor quality equipment, for example rules with damaged or worn ends, out-of-square squares, etc., have been seen to disadvantage apprentices.



Setting out curves

They will require a good quality trammel/beam compass, capable of marking out to the tolerances listed in the EPA plan.

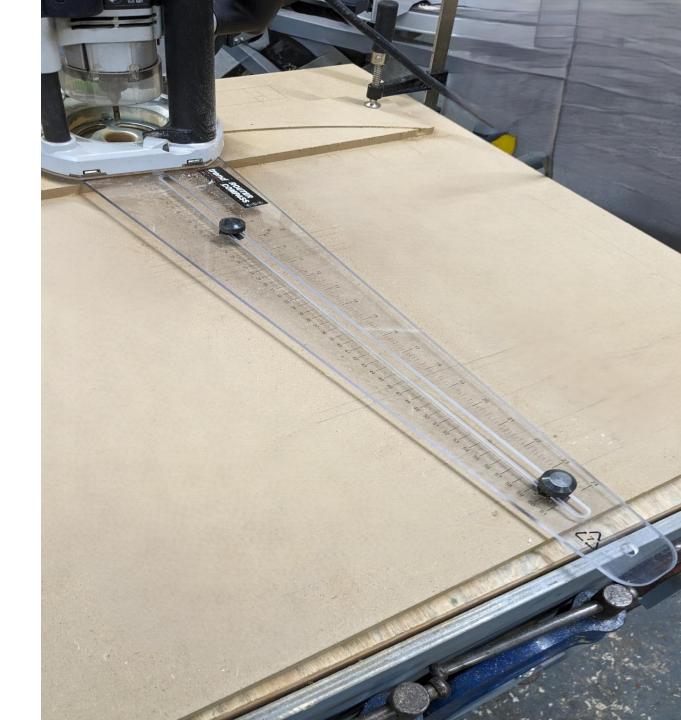


Forming curves

Some means of producing accurate curves is required.

The router compass shown is just one option, other methods such as using bandsaw, jigsaw, spokeshave, compass plane, flexi-curve template, or similar may be used.

The key point to note is that the apprentice should be familiar with the equipment available during the EPA as **NO TRAINING may be provided during the EPA**.

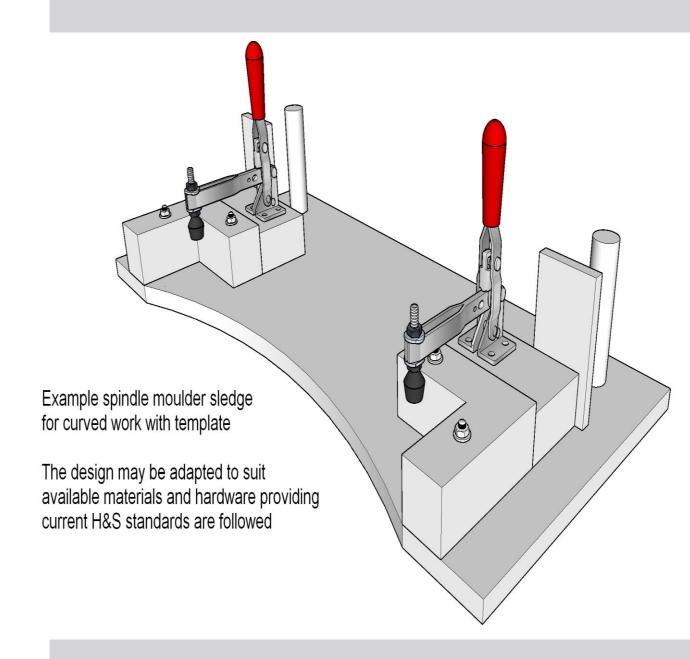


Sledge for curved work

The training provider must build or source a sledge for forming curved work with templates on a spindle moulder with ring fence/bearing guide.

This must conform to current HSE guidance (see wis18 safe use of vertical spindle moulders: shaped of =r curved work chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.hse.gov.uk/pubns/wis18.pdf

Specific dimensions are provided in the 9079-31 Resource Pack for Practical Tests For Providers & Employers



Spindle moulder set up

The sledge/template jig **MUST** be used for forming the curved head.

It may also be used for **curved profiles and rebates**, however the apprentice may use other means to carry out these operations if preferred, for example using a bearing guided roundover cutter in a hand-held router to form profiles.

The key point to note is that the apprentice should be familiar with the equipment available during the EPA as **NO** TRAINING may be provided during the EPA.

It is the training provider's responsibility to build or source the sledge.

You MUST check that the sledge is safe to use and meets HSE guidance. A qualified member of staff should test the jig and produce a suitable curve to ensure this well in advance of the EPA.



Forming profiles and scribes

The apprentice is required to form non-90 degree joints to glazing bars (S21 and S23)

Profiles may be produced using spindle moulder tooling or router tooling as shown (or a combination of these)

Scribed joints may be formed using spindle moulder with sliding table or tenoner. However, it is expected that most apprentices will form scribed joints using hand tools (coping saw or similar). This has been deemed an acceptable method in industry for one-off, bespoke work due to the cost and set up time involved in machined scribe jointing.

The apprentice MUST be trained to carry out their chosen method safely and accurately using the equipment available for the EPA.

S21: Form shaped wood working joints.

S23: Apply craft architectural joinery techniques to manufacture and assemble a window frame with, curved head and non-standard (non–90 degree) window bars.





Disclaimer

Please note:

These videos and reminders are provided to give a basic overview only, for a detailed list resources and requirements you will need to access Resource Pack for Practical Tests For Providers & Employers, available on EPA pro under Support materials: Standards, or on the City and Guilds webpage for 9079 under Assessment materials.







Unrivalled Support

Industry Managers





Dedicated Business Managers



Technical Advisers

Newsletters





LinkedIn

Webinars





E-Mail Alerts

EPA
Partnership
Managers





Customer Support Advisers

SmartScreen
Digital content

WWW Website

EPA support teams

Our End-point assessment Partnership Managers are on-hand to support you at every stage of EPA



Rebecca Hollamby Region: Midlands M: 07876 448 147 Rebecca.Hollamby @cityandguilds.com



Janice Collins
Region: North
M: 07872 463170
Janice.collins
@cityandguilds.com



Morice Hole
Region: Southwest
M: 07718 092138
Morice.hole
@cityandguilds.com



Approval Process

Existing Customers

✓ Complete EPA application form in walled garden

Quality section> forms> epa application form

New Customers

√ Complete EPA enquiry form on website

<u>Link to form: EPA Only Centre Enquiry Form | City & Guilds (cityandguilds.com)</u>

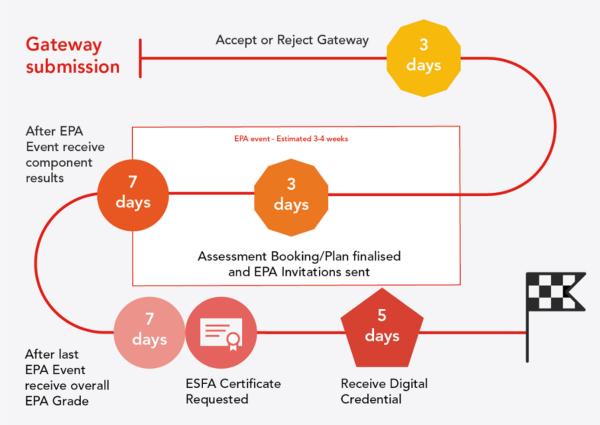
✓ Complete EPA application form on walled garden

Quality section> forms> epa application form

Flexible and timely service for EPA

- 24-hour gateway review
- 10-day average for ESFA certificate claims
- 7 working days for results issuing, after completion of the final assessment component.
- Meaningful apprentice feedback for all grading outcomes
- Clearly communicated lead times to support EPA date planning and bookings.
- Managers on hand to support with the process

Timelines for End-Point Assessment*



^{*}Optional planning meetings only. Indicative timelines. All timings are working days and exact timings may vary due to provider requests for specific dates.

Pre Gateway booking

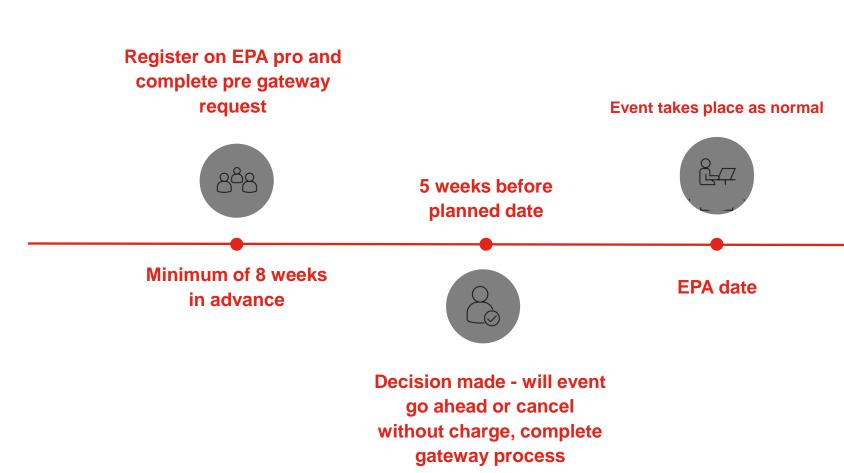
Alternative booking process to allow you to plan EPA in advance of the gateway process.

For further information and for access to the pre booking spreadsheet reach out to the EPA Partnership Managers.

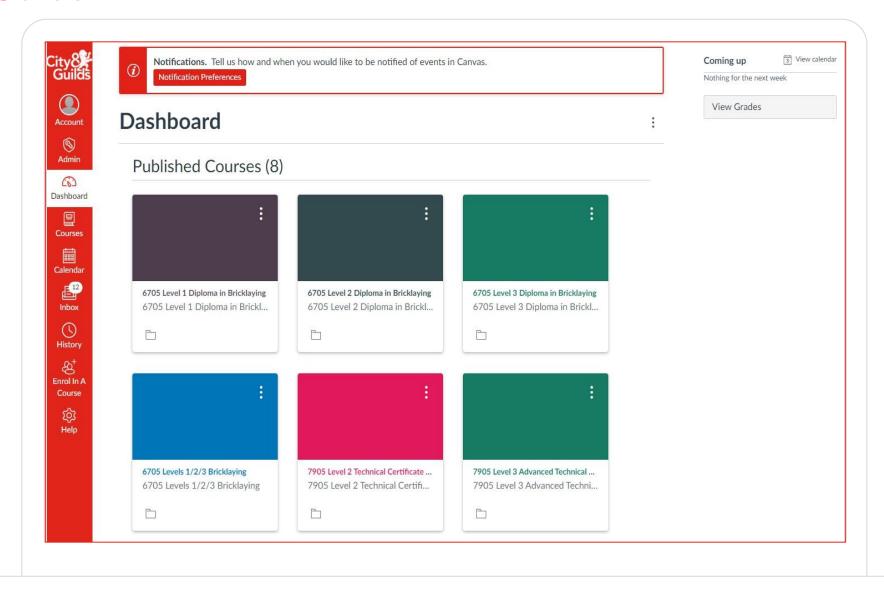
EPA Venues

Pre gateway will allow planning with external venues.

Coming soon: EPA venue web page



SmartScreen



Hodder Education Text Books

Colleagues at Hodder Education produce a wide range of suitable textbooks that supports the delivery of our qualifications and apprenticeships.

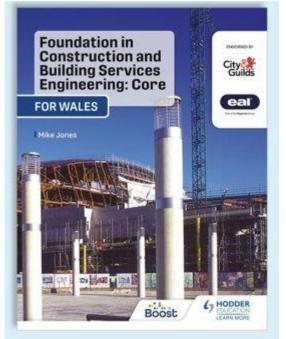
Coverage in these textbooks cover:

- QCF VRQ Awards, Certificates, Diplomas
- Technicals
- Apprenticeships and EPAs
- Technicals
- T Levels
- Skills for Wales Qualifications

Our Hodder contact is Gemma Simpson

Gemma.Simpson@Hoddereducation.co.uk







Getting Involved

Would you like to make a difference?

You can get involved in the development of future Green and Construction qualifications, assessments and support resources, working with us at City & Guilds as an Associate and Development Consultant.

You can scan the QR code or click here to submit and declare your interest.





Associate Vacancies

There are a variety of contracted associate roles you may wish to apply for, such as Examiners, Moderators, Independent End-Point Assessors, External Quality Assurers and External Assessors.

New roles are added to this site, therefore do visit regularly to see new opportunities as they become available. Find out more about the current opportunities and how to apply. The roles are very different, therefore do read the guidance for each to support your application.

We believe that diversity and inclusion strengthens and enriches us, and that it is the responsibility of everyone at City & Guilds to drive this value. We work hard to be inclusive in our approach to recruitment and associate opportunities, whilst still ensuring we meet our regulatory requirements. We strongly encourage and welcome applications from diverse and underrepresented communities.

For more information get in touch with our team at associate.recruitment@cityandguilds.com.



Access Here

Associate vacancies

EQA Roles

Bricklaying EQA

We are currently recruiting External Quality Assurer to carry out and document quality assurance activities in line with City & Guilds and regulatory arrangements.

Territories: North West , London Industry Area: Construction

Associate Type:

External Quality Assurer/External Assessor Sub-mark

Ref No: 10901

Sub-market: Construction

Carpentry EQA

We are currently recruiting External Quality Assurer to carry out and document quality assurance activities in line with City & Guilds and regulatory arrangements.

Territories:

London, South West, West Midlands, Yorkshire

and the Humber Industry Area: Construction

Associate Type:

External Quality Assurer/External Assessor Sub-market: Construction

Ref No: 10903

Construction Skills EQA

We are currently recruiting External Quality Assurer to carry out and document quality assurance activities in line with City & Guilds and regulatory arrangements.

Territories: London, West Midlands Industry Area: Construction

Associate Type:

External Quality Assurer/External Assessor

Sub-market: Construction

Ref No: 10904

Access Here

T Levels Moderator - Bricklaying

Would you like to be involved with the quality assurance of our T Level qualifications? We are looking for occupational experts to be involved in QA and moderation of these qualifications. We are looking for T Levels Moderators to join us for this qualification area for the next academic year. Your application will be considered for training and recruitment October – November 2024.

Territories: National

Associate Type: T-Level

Ref No: 10872

Industry Area: Construction

Sub-industry (T-Level): Bricklaying

T Levels Moderator - Carpentry & Joinery

Would you like to be involved with the quality assurance of our T Level qualifications? We are looking for occupational experts to be involved in QA and moderation of these qualifications. We are looking for T Levels Moderators to join us for this qualification area for the next academic year. Your application will be considered for training and recruitment October – November 2024.

Territories: National

Associate Type: T-Level

Ref No: 10873

Industry Area: Construction

Sub-industry (T-Level): Carpentry & Joinery



Thank You

Any questions?