

KFE4Skills Competition Spec – BRICKLAYING V2

Note: For general competition rules and guidance see: <https://www.kentfurthereducation.org/skills-competitions-1>

Industry Name	BRICK LAYING	
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	Section	Criteria Guidance	Confirmed Spec Criteria
1	Entry Criteria	Entrants must be in education and/or employment with training, at one of the KFE college organisations (EKC Group, MidKent College and North Kent College (inc Hadlow College), and/or have completed or be undertaking a relevant programme within the last 12 months.	
2	Entrant Numbers	Entrant numbers per college organisation may differ depending on the industry round in question.	<ul style="list-style-type: none"> ○ Each college organisation (not campus) may register up to (3) students. ○ These are to be selected from the best junior and / or senior students at each college organisation. ○ There is no differentiation between juniors and seniors for this round in terms of task undertaken. ○ Apprentices may enter this competition. ○ Confirmed max number of students in total showcase: 9 <p><u>Please note the level of students (junior or senior) including whether they are apprentices when registering them via the KFE website portal. Depending on actual registrations some weighting may be applied to judging to account for the different expectations of juniors, seniors and apprentices.</u></p>
3	Competition Prep	This section describes preparation needed for this competition.	<p>Preparatory Brief</p> <p>Students will be required to build a KFE wall.</p>
4	Core Competency	Summary of relevant education level industry competency.	<ul style="list-style-type: none"> ○ Understanding and reading drawings ○ How to build basic brick walls ○ How to joint up walls ○ How to cut safely
5	Duration	Time that the competition activity will take.	4-5 hours

6	The Skills Competition Task Details	This section describes the skills competition task to be undertaken in detail.	<p>The competitors are required to build a set designed wall.</p> <p>See wall task design details at Appendix 2.</p> <p>Order of Competition</p> <p>8.45 – 9.15 Arrival and sign in at registration desks 9:30 – 9:35 Competition Briefing and familiarisation 9.35 – 9.45 Get tools and equipment ready 9.45 – 12.45 Competition Phase 12.45 – 13.15 Lunch 13.15 – 15.00 Competition Phase 15.00 – 15.15 Competition work completes and marking undertaken 15.15 – 15.30 Announce winners and awards</p>
7	Marking & Assessment Requirements	This section provides the marking and assessment approach.	<p>Each competition module will be assessed and marked independently of any other competition activity, using objective and judgement criteria or a combination of both during each task.</p> <p>A detailed scoring card setting out expectations is at Appendix 2.</p> <p>Each competition module will be assessed and marked independently of any other competition activity.</p>
8	Judges & Marking	This competition benefits from college and external judges.	<p>A panel of judges will be selected from a range of industry, college and training provider representatives. The judges’ decisions will be final. Panels will normally number three to five judges and in some cases may include an external judge from the industry sector or an awarding body. Judges’ decisions are final in all instances, although scoring will be open and transparent.</p> <p>An example scoring sheet is at Appendix 1 for collation of scores.</p>
9	Student Support Required	Detail if student helpers are required and how many per student undertaking the task.	<ul style="list-style-type: none"> ○ NA

10	Resources	Detail any PPE or dress code requirements.	<ol style="list-style-type: none"> 1. Pencil 2. Trowel 3. Pointing Iron 4. Pointing trowel 5. Hammer 6. Bolster 7. Corner blocks 8. Strong line 9. Levels <ol style="list-style-type: none"> 1. Steel toe-capped boots 2. Work trousers
11	Health & Safety	Confirmation that relevant health and safety checks and assurances are undertaken or are to be by each college locally where necessary.	See relevant risk assessments and additional competition round specific rules and guidance requirements.
12	Risk Assessment	Confirmation that relevant risk assessments have been or are to be undertaken locally where necessary.	<ul style="list-style-type: none"> ○ The host college must have completed a relevant risk assessment and filed this centrally for KFE4Skills. ○ Participating visiting colleges should complete risk assessments relevant to their event participation.
13	Competition Spec additional rules and requirements	Detail of additional specific rules and requirements for this competition spec.	<p>The following is in addition to the overall KFE4Skills General Rules & Guidance. A completed registration is a confirmation that a competitor has agreed to the competition rules.</p> <p>All electrical equipment must be PAT tested and labelled before using at the competition and all the supporting equipment must be fit for purpose.</p>

JUDGE MARKING SHEET (Example for adaptation – This may be replaced with an alternative that works for the industry)

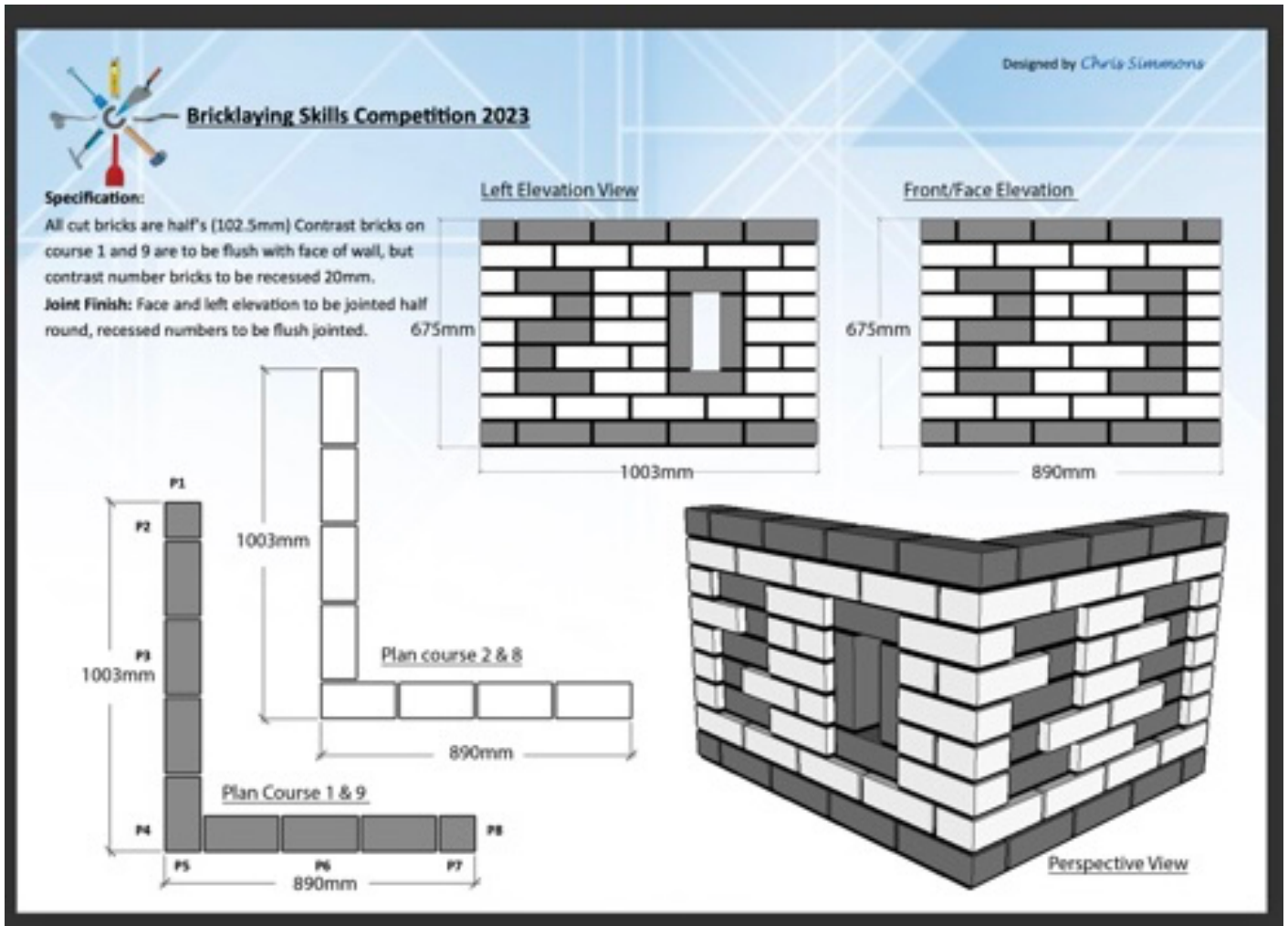
Competitor	College	Score Task 1	Score Task 2	Total Score

Comments:

Use this space for any specific comments noting the competitors as appropriate.

Competition Task Diagrams

Appendix 2



Scoring Card

Designed by Chris Sissons

Bricklaying Skills Competition 2023

Marking Schedule

Item to be marked	Score out of 10mm	Item to be marked	Score out of 10mm
Plumb point 1 (+/- 10mm)		Plumb point 5 (+/- 10mm)	
Plumb point 2 (+/- 10mm)		Plumb point 6 (+/- 10mm)	
Plumb point 3 (+/- 10mm)		Plumb point 7 (+/- 10mm)	
Plumb point 4 (+/- 10mm)		Plumb point 8 (+/- 10mm)	
Left Elevation wall is level (+/- 10mm)		Face side of wall is level (+/- 10mm)	
Left Elevation wall is Range (+/- 10mm)		Face side of wall is Range (+/- 10mm)	
Joint finish on Left elevation scored out of 10 (deduct points for gaps/ holes and not being brushed)		Joint finish on Face scored out of 10 (deduct points for gaps/ holes and not being brushed)	
Left Elevation number (2 & 0) are recessed by 20mm (+/- 10mm)		Face Elevation number (2 & 3) are recessed by 20mm (+/- 10mm)	
Left Elevation wall measures 1003mm on 1st course (+/- 10mm)		Face side of wall measures 890mm on 1st course (+/- 10mm)	
Wall is gauged to 675mm on the corner where face and left meet (+/- 10mm)		Size of hollow space in the 0 number is 235mm x 85mm (+/- 10mm)	
Total Score for the wall:		Out Of /200 points	
Material Calculations Per learner including 5% waste: Dark contrast bricks = 39 Bricks. Light coloured Bricks = 50 (of which the 16 half bricks are counted as one 1/2 = 1 full brick) Total Bricks for task 89, Mortar needed per learner will be 90kg roughly.			

Note: PDF versions available.