

The Worshipful Company of Tylers and Bricklayers



Royal Charter 1568

Master Craftsman - Bricklaying Award

Category 1 - General Bricklayer

Category 2 - Heritage Bricklayer

Application Form

The Worshipful Company of Tylers and Bricklayers of the City of London has for centuries played a leading part in the regulation of standards of craftsmanship in and around London. Because of the importance of the London region these have impacted on standards across the United Kingdom and helped to shape the various manifestations of the Building Regulations since their introduction in the wake of the Great Fire in 1666.

The Company, in seeking to encourage the highest levels of craftsmanship, recognises the best examples of brickwork through its Triennial Awards programme and through its support of craft training, including the Building Crafts College and the annual bricklaying competition at WorldSkillsUK. We also wish to recognise those who achieve higher levels of competence in the craft of bricklaying through a combination of their own training, practical site experience and a willingness to assist in the training of others. This recognition takes the form of the award of Master Craftsman status at the Company's Craft Awards Luncheon in March.

Applicants for the award must:

- have completed a recognised apprenticeship in Bricklaying or a recognised College course in Bricklaying and now possess formal craft qualifications
- provide evidence to show the time spent in training and as a qualified craftsman
- provide details of projects that they have worked on which demonstrate their experience and standing in the trade of bricklaying.

The applicant must decide whether to seek Master Craftsman status as a General Bricklayer or a Heritage Bricklayer. General Bricklayers should provide evidence to support the Competencies set out in the Category 1 table below. Heritage Bricklayers should provide evidence to support the Competencies set out in the Category 2 table below. Certain items are compulsory Competencies and in addition you must select a further six skills from the remaining list of Competencies in your table.

Evidence to be submitted

Please submit a portfolio of your projects, including photographs, through which you can demonstrate knowledge, experience and successful completion of the required Competencies, including the date that the works were carried out. If you have carried out some work which is equivalent to or very like the description in a question, please provide photographs of this work and write a description of the steps you took to achieve it. If, however, you have not carried out such a job in reality, please provide a drawing and some notes to explain how you would approach and complete the task.

Inspection and references

As part of the evaluation process members of the Craft Committee will visit to inspect your work at first hand. We will also require references from three individuals who have had direct experience of your work. For example, this could be an architect, surveyor, conservation officer, client or colleague. By submitting this application form, you agree that we may contact them by telephone or e-mail or meet them in person if appropriate.

NAME OF APPLICANT: _____

CONTACT DETAILS:
(TELEPHONE AND EMAIL) _____

SIGNATURE OF APPLICANT: _____
(please also complete and sign the GDPR declaration below)

DATE OF APPLICATION: _____

I,....., *[please insert full name]* being an applicant for recognition as a Master Craftsman of the Worshipful Company of Tylers and Bricklayers (the "Company"), agree that the Company may store and use the personal data provided by me for all purposes connected directly or indirectly with my application for Master Craftsman status, including the following:

- to assess my application and competencies;
- if successful, to invite me (a) to attend the Craft Awards ceremony and luncheon organised by the Company and (b) to become a Craft Freeman of the Company; and
- to use my name and photograph as a Master Craftsman on the Company's website, in the Company's annual newsletter, in any press release that the Company may issue and in publicity materials for the Company's Master Craftsman award scheme.

I understand that the Company will:

- if my application for Master Craftsman status is unsuccessful, delete all personal data provided by me other than my name and address which will be held for a maximum of six years on a register of unsuccessful applicants;
- take all reasonable steps to keep my personal data safe and secure;
- except as stated above, not share, sell or provide my personal data with or to any third party without my specific consent; and
- take all reasonable steps to ensure that the personal data relating to me held by the Company is accurate and up-to-date.

A copy of the Company's Data Protection policy may be obtained from the Clerk or viewed on the Company's website at www.tylersandbricklayers.co.uk.

_____ *[signature]*

_____ *[date]*

Please return the completed application form and supporting documentation to 25 Glenferrie Road, St Albans, Hertfordshire AL1 4JT for the attention of the Chairman of the Craft Committee.

[boxes below for completion by the Company]

RECEIVED BY CHAIRMAN OF THE CRAFT COMMITTEE (DATE): _____

RECOMMENDED TO THE CRAFT COMMITTEE (DATE): _____

RECOMMENDED TO THE COURT (DATE): _____

Category 1 - General Bricklayer

Ref.	Description of Competency (1-5 are compulsory, plus choose 6 others from the remaining list)	Tick
1	Ability to use drawings to interpret the detailed construction of the brickwork with reference to current Building Regulations and the current Codes of Practice BS 8000-3:2001; PD 6697:2010; PAS 70:2003 and BS EN 771-1:2011	
2	Setting out of brickwork. Procedures for setting out the shape on plan, and establishing the levels, to ensure initial accuracy and maintaining it until completion	
3	Setting out the bond including procedures for door and window openings; the evidence to include at least two variations of bond	
4	Demonstrate your general knowledge of the various types of bricks, blocks, mortar mixes, pointing and their application	
5	Show how you have incorporated dpc's, cavity trays, lintels, wall ties, insulation and fire breaks in modern construction	
6	With engineering bricks build a battered retaining wall; at least 6.00m long x 1.00m high	
7	With facing bricks build a 1 brick wall with attached 1B brick piers and a brick on edge coping and tile creasing at least 6.00m long x 1.5m high	
8	With facing bricks build a 1 brick wall that includes an obtuse angle and a brick on edge coping and tile creasing	
9	Build a solid or cavity wall that is curved on plan	
10	An existing 18th century wall, in English Bond, is built of soft red facing bricks. Describe the formation of a new 1.5m door opening, with rebated reveals, closed by a two ring semi-circular arch. Using matching bricks that have been re-cycled prepare a detailed method statement for the task that will ensure the completed project will be a perfect match with the existing wall	
11	Build an attached 1 brick pier / buttress that is terminated by tumbling in or an inverted quadrant	
12	Build an isolated brick column a minimum of 11/2 brick square to a minimum height of 1.5m	
13	Build a Chimney Stack. This may be new or restoring an existing chimney	
14	Provide an example of ornamental brick steps and a decorative boundary wall to a raised terrace	
15	Using examples contained in the portfolio of projects describe and compare the following: a) English Bond. b) Flemish Bond. c) Garden Wall Bonds. d) English Cross Bond	
16	Construct a gable end with over sailing courses to support the verge of the roof	
17	Arch Construction - prepare a report, with photographs and diagrams, of experience in building arches. Select two different examples of arches: one to be a gauged arch. Describe procedures for making the templates; centring, and construction. If not experienced in centring describe methods used	
18	Arch Construction - Provide evidence of building in an offsite manufactured brick arch. Describe the properties, handling requirements on site, bearings and building in, cavity trays and on site pointing.	
19	Decorative Brickwork - Experience in decorative work chosen from two of the following: herringbone or basket weave, quoins or openings, string courses or copings, decorative corbelling, internal work and diaper patterns	
20	Contemporary Work - Experience of building brickwork that is contemporary in design. Prepare a report with diagrams and photographs, to show how this departs from traditional brickwork	

Category 2 - Heritage Bricklayer

Ref.	Description of Competency (1-4 are compulsory, plus choose 6 others from the remaining list)	Tick
1	Ability to use drawings to interpret the detailed construction of the brickwork with reference to current Building Regulations and the current Codes of Practice BS 8000-3:2001; PD 6697:2010; PAS 70:2003 and BS EN 771-1:2011	
2	Setting out of brickwork. Procedures for setting out the shape on plan, and establishing the levels, to ensure initial accuracy and maintaining it until completion	
3	Setting out the bond including procedures for door and window openings; the evidence to include at least two variations of bond	
4	Demonstrate your general knowledge of the various types of bricks, blocks, mortar mixes, pointing and their application	
5	Demonstrate an ability to identify the common causes of decay in brickwork and to assess the repairs needed	
6	Using at least 3 different projects, demonstrate how you have identified existing brick types and the process you have followed for sourcing and selecting replacements. Include at least one example of hand cut and rubbed specials/mouldings.	
7	Demonstrate an understanding of the importance of determining the load bearing status of the brickwork and the importance of key brick properties i.e. density, compressive strength, porosity	
8	Demonstrate a comprehensive knowledge of the various special brick types used historically in UK structures.	
9	Understand the differences between different mortar types and their most appropriate uses and characteristics	
10	Provide evidence and demonstrate a complete understanding of brick pointing styles and their execution	
11	Using examples from your own work, describe the tools you use to carry out sympathetic repairs. Explain why you have used certain traditional tools in some circumstances. Also discuss situations where you think it was appropriate or preferable for you to use more modern techniques.	
12	Provide evidence and demonstrate competency in the replacement of decayed bricks - explain how this would be undertaken	
13	Demonstrate an in-depth knowledge of traditional brick bonding. Describe 3 different projects where you have used 3 different traditional brick bonds. In each case, discuss the characteristics of the bond and the setting out procedure.	
14	Provide evidence and demonstrate competency in the repointing of brickwork - explain how this would be undertaken	
15	Using an example from a project you have undertaken, show how you have identified a structural defect. Go on to describe the methods followed to repair the defect. If you worked on this with a structural engineer, show any drawings you had to work from.	
16	Using at least 2 examples from your work, show a thorough understanding of various arch forms and explain how to do the following correctly and safely: (a) construct/replace an arch, including setting out and centring (b) carry out a range of in situ repairs, including replacement of a voussoir and re-pointing At least one example must relate to a gauged arch.	
17	Demonstrate a thorough understanding of brick cleaning methods	
18	Provide evidence and knowledge of altering openings in traditional masonry walls - explain the methodology	
19	Provide evidence and explanation of the reconstruction of a failed chimney stack	
20	Demonstrate how you have repaired a failed brickwork panel or wall. Explain the process step by step and include a detailed description of how you recorded the existing wall before starting any work and how you managed the dismantling and salvage process.	