

# Bricklaying Occupational Traineeship Standard



<b>Title</b>	Bricklaying Occupational Traineeship
<b>Purpose</b>	<p>The purpose of the Bricklaying Occupational Traineeship is to support the learner to make the transition from a Level 1 or Level 2 diploma into the workplace.</p> <p>The knowledge and practical skills activities form the core elements of the Bricklaying Occupational traineeship standard that support potential progression to either an Apprenticeship or to occupational competence through achieving vocational qualifications.</p>
<b>Occupational relevance</b>	<p>Training delivered against this standard would be relevant to the following occupational group(s):</p> <ul style="list-style-type: none"> <li>• Installer, operative and craft</li> </ul>
<b>Duration</b>	<p>Pre-placement skills development in the college or independent training provider should be a minimum of four weeks (4 x 35hour week = 140 hours) unless the learner can evidence that the pre-placement skills requirements have been met.</p> <p>The traineeship work placement must meet a minimum of six weeks and a maximum of seven weeks based on a 39-hour week</p> <p>Six weeks = 234 hours</p> <p>Seven weeks = 273 hours</p>
<b>Instruction/ supervision</b>	<p>Occupational Traineeships are funded by DfE via ESFA, therefore all college and independent training provider personnel interacting with learners must meet the current criteria.</p> <p>For the work placement element of this standard, mentors must be able to demonstrate that, in relation to this standard, they have relevant skills and industrial experience (this could be demonstrated through a valid CSCS Skilled Worker card or competence qualification etc.)</p>
<b>Delivery</b>	<p>Delivery may be in an on or off the job environment (the minimum number of pre-placement and work placement hours must be met).</p> <p>All materials and equipment must be of a suitable quality and quantity for trainees to achieve learning outcomes and must comply with relevant legislation.</p> <p>The class size and learner to trainer ratio must allow training to be delivered in a safe manner and enable trainees to achieve the learning outcomes. Maximum learner to trainer ratio in a college or independent training</p>

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	<p>provider is 16:1. Work placement ratio of trainee to mentor is a minimum of 1:10.</p> <p>The following delivery methods may be used in the delivery of this standard:</p> <ul style="list-style-type: none"> <li>• classroom and practical skills workshops</li> <li>• on site practical experience</li> </ul> <p>During the pre-placement and continuing onto the work placement, this standard is considered to contain 80% or more practical training.</p> <p>The training delivery can be in an environment which simulates an industrial environment and practices as closely as possible. This includes attendance records, the work environment, the length of the working day and week, work breaks, supervision and health and safety practices. Classroom time should be minimised, prioritising delivery of training on the simulated work site or workshop.</p> <p>The minimum number of pre-placement skills development and on-site work placement hours must be met as per the duration criteria on page 1.</p>
<p><b>Delegate pre-requisites</b></p>	<p>Prior to going on a work placement, trainees must have attained the appropriate Industry Placement CSCS card.</p>
<p><b>Pre-work placement requirements</b></p>	<p><b>Prior to commencing an occupational traineeship, the conditions set by the Department for Education (DfE) for occupational traineeships must be met - please refer to current guidance <a href="https://www.gov.uk/government/collections/traineeships--2">https://www.gov.uk/government/collections/traineeships--2</a></b></p> <p><b>Prior to going on a work placement, trainee's must meet the following work placement criteria:</b></p> <p><b>Knowledge</b></p> <ul style="list-style-type: none"> <li>• Conforming to Health and safety in the workplace</li> <li>• Conforming to productive work practices</li> <li>• Moving handling and storing resources</li> </ul> <p>The knowledge checklist (see page 6) must be shared with the employer.</p> <p><b>Prior to going on a work placement, the trainee's practical skills must be assessed by the college or independent training provider and evidenced* to the employer to ensure that they can meet the following work placement criteria:</b></p> <ul style="list-style-type: none"> <li>• moving, handling and storing of bricklaying resources</li> <li>• setting a line and laying bricks or blocks to line and gauge – aiming to reach 25 per hour whilst maintaining the quality of their work to industry tolerances</li> <li>• constructing a cavity wall and installing insulation materials and fire breaks where required</li> </ul>

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	<ul style="list-style-type: none"> <li>• building reveals and installing lintels</li> <li>• installing wall ties with the correct embedment and spacing</li> <li>• installing damp proof course (DPC)</li> <li>• installing cavity trays and weep holes</li> </ul> <p>*The evidence required comprises of at least two items from the following:</p> <ul style="list-style-type: none"> <li>• video</li> <li>• photographic</li> <li>• workbooks</li> <li>• peer review</li> <li>• interview and observation with employer</li> </ul> <p><b>Prior to going on a work placement, the trainee must have attended college or independent training provider sessions on the following:</b></p> <p>Workshops covering:</p> <ul style="list-style-type: none"> <li>• the types of employment in construction</li> <li>• routes into employment including self-employed routes</li> <li>• cv writing, job search, interview techniques and job acceptance</li> <li>• appropriate work behaviours discussion and assessment</li> <li>• knowledge of work hours, punctuality and attendance</li> <li>• construction induction videos (e.g. Abrasive wheels)</li> <li>• correct use of PPE</li> <li>• the importance of fairness, inclusion and respect</li> <li>• metal health and wellbeing awareness</li> </ul>
<p><b>Work-placement requirements</b></p>	<p>Scope of employer work placement to further develop skills by including:</p> <ul style="list-style-type: none"> <li>• induction, including the practical aspects of health and safety on site</li> <li>• daily briefing</li> <li>• making sure they have the correct PPE</li> <li>• meet the team and mentor</li> <li>• site tour</li> <li>• weekly debriefs and 1-2-1s</li> <li>• workbook completion or a progress report on each skill for employer to update</li> </ul> <p>Development of practical skills to include:</p> <ul style="list-style-type: none"> <li>○ moving, handling and storing bricklaying resources</li> <li>○ setting a line and laying bricks or blocks to line and gauge – aiming to reach 25 per hour whilst maintaining the quality of their work to industry tolerances</li> <li>○ constructing a cavity wall and installing insulation materials and fire breaks where required</li> <li>○ building reveals and installing lintels</li> </ul>

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	<ul style="list-style-type: none"> <li>○ installing wall ties with the correct embedment and spacing</li> <li>○ installing damp proof course (DPC)</li> <li>○ installing cavity trays and weep holes</li> </ul> <p><b><i>If the practical skills cannot be met by the trainee prior to commencing the work placement, the college / training provider must allow additional support / learning time for the trainee to practice the skills required as per the duration statement.</i></b></p>
<p><b>End of Occupational Traineeship Assessment</b></p>	<p>Methods of assessment considered appropriate for training delivered (responsibility of the employer with input from the training provider) against this standard are:</p> <p>For the successful completion of the Bricklaying occupational traineeship, the trainee must achieve all mandatory learning and practical outcomes.</p> <p>At the end of the work placement the following must take place:</p> <p>Professional discussion with the trainee, employer and/or mentor and college or independent training provider representative including:</p> <ul style="list-style-type: none"> <li>● evaluation of practical skills and knowledge demonstrated during the work placement</li> <li>● question and answer session</li> <li>● learner, mentor and/or employer feedback</li> <li>● work placement evaluation</li> </ul> <p>Next steps</p> <ul style="list-style-type: none"> <li>● Apprenticeship offer</li> <li>● Job offer (vocational qualification route)</li> </ul> <p>For those not successful, refer the trainee back to the college for further career guidance or refer to other employment opportunities in industry.</p>
<p><b>Quality assurance</b></p>	<p><u>Occupational Traineeships are funded through government funding mechanisms and therefore subject to Ofsted standards</u></p> <p><u>Assured</u></p> <p>Quality assurance against this standard will require initial approval of the training organisation and their content mapped to the standard.</p> <p>CITB will also conduct an approval intervention, either desk-based or centre visit, to ensure the training organisation can meet the requirements of the training standard.</p> <p>Approved Training Organisations (ATOs) will be required to present information on records of training and assessment upon request to CITB for desk-based analysis. They will also be visited annually by the CITB quality assurance team.</p>

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<b>All trainees must be able to demonstrate the mandatory practical skills during the occupational traineeship</b>
<b>Learning outcomes</b>
The trainee will be able to:
demonstrate moving, handling and storing resources
set a line and lay bricks or blocks to line and gauge, aiming to reach 25 per hour, prioritising quality over quantity but with the goal of achieving both to include: <ul style="list-style-type: none"> <li>• measuring and marking out</li> <li>• levelling and plumb</li> <li>• positioning</li> <li>• transferring and transposing</li> <li>• fixing</li> <li>• securing</li> <li>• finishes</li> <li>• pointing and jointing</li> <li>• tidying up (joints)</li> </ul>
construct a cavity wall, and install insulation materials and fire breaks where required to include: <ul style="list-style-type: none"> <li>• multiple courses of blockwork and brickwork</li> <li>• fitting insulation materials</li> <li>• installing cavity fire breaks or barriers</li> </ul>
build reveals and install lintels to include: <ul style="list-style-type: none"> <li>• measuring</li> <li>• marking out</li> <li>• laying</li> <li>• plumb</li> <li>• positioning</li> <li>• levelling</li> <li>• securing</li> <li>• bearings</li> <li>• loadings</li> <li>• tolerances</li> </ul>
install wall ties with the correct embedment and spacing
install damp proof course (DPC)
install cavity trays and weep holes

**Knowledge checklist – to be shared with employer prior to work placement start date being confirmed**

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<b>Learning outcomes</b>
The trainee will be able to:
<p>relate information about health and safety, productive and safe working practices, handling, moving and storing resources to include:</p> <ul style="list-style-type: none"> <li>• trips and falls</li> <li>• clear and tidy workspace</li> <li>• working at height</li> </ul>
<p>relate information about cavity walls to include:</p> <ul style="list-style-type: none"> <li>• what is the purpose and advantage of a cavity wall</li> <li>• what are coring holes</li> </ul>
<p>relate information about wall ties to include:</p> <ul style="list-style-type: none"> <li>• why are there different types of wall ties</li> <li>• current regulations</li> <li>• spacing and positioning</li> </ul>
<p>relate information about weep holes and air bricks to include:</p> <ul style="list-style-type: none"> <li>• where are air bricks placed and why are they used</li> <li>• where are weep holes placed and what is their purpose</li> </ul>
<p>relate information about insulation materials to include:</p> <ul style="list-style-type: none"> <li>• the types of insulation materials purpose and positioning</li> </ul>
<p>relate information about damp proof courses (DPCs) to include:</p> <ul style="list-style-type: none"> <li>• why are they used</li> <li>• where are they placed</li> </ul>
<p>relate information about cavity and stepped trays to include:</p> <ul style="list-style-type: none"> <li>• where they are used</li> </ul>
<p>relate information about how fire can spread within a building and within concealed cavities to include:</p> <ul style="list-style-type: none"> <li>• how a fire spreads within a building</li> <li>• hazards of non-compliance</li> </ul>
<p>state the purpose of fire breaks and barriers to include:</p> <ul style="list-style-type: none"> <li>• why they are used</li> <li>• keeping records</li> <li>• legal compliance</li> </ul>
<p>relate information about how to look after tools and inspect for damage</p>

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## Learning outcomes

The trainee will be able to:

relate information about the importance of protecting work and the surrounding area

relate information about building fabric and energy performance to include:

- environmental awareness
- sustainability

relate information about what is meant by quality assurance to include:

- quality standards

relate information on the types of categories in fairness, inclusion and respect to include the nine protected characteristics:

- age
- disability
- gender reassignment
- marriage and civil partnership
- pregnancy and maternity
- race
- religion or belief or lack of either
- sex
- sexual orientation

relate information about mental health and wellbeing awareness

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<b>Keywords</b>	Bricks and blocks, Cavity walls, Wall ties, Weep holes, Air bricks, Cavity trays
<b>Approval date</b>	31 <sup>st</sup> March 2022
<b>Review cycle</b>	1 year from approval date and then on a 3-year cycle.
<b>Additional information about this standard</b>	
<p>Brick Development Association (BDA) Guide to Successful Brickwork - a good technical document</p> <p>Association of Brickwork Contractors (ABC) Assessment Centre – a source of information and training for Bricklayers in the UK</p> <p>National House Building Council (NHBC) a source of information and training for Bricklayers and other trades in the UK</p> <p>Institute for Apprenticeships and Technical Education (IFATE) – search for English Apprenticeships and T-Levels</p> <p>The Register of Regulated Qualifications – search for Level 2 and Level 3 NVQ in Trowel Occupations</p>	
<b>Related standards</b>	
<p>All viewable via the CITB Short duration training web page</p> <p>Brick slip systems</p> <p>Bonding, taping and positioning insulation board</p> <p>Co-ordinating brickwork requirements</p> <p>Cold weather working requirements for bricklayers</p> <p>Forming of cavities and correct installation of ties</p> <p>Installing fire barriers and breaks</p> <p>Masonry cutting and drilling</p> <p>Masonry support angle installation</p> <p>Materials storage and protection</p> <p>Quality assurance and customer client handover</p>	



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Specialist damp proof course cloak systems  
Types and uses of mortars for brick and block work  
Wind post installation  
Sills, copings, capping's and junctions  
Introduction to movement joints  
Brick soffit systems  
Repairing defective brick and block work  
Helical bar installation  
Helical bar surveyor  
Non-standard and special brick  
Tolerances and standards for bricklaying occupations