

Brickwork Technician Competence Framework



[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)

How to read this document

This document aims to outline the Competence Standard set out by the Sector Group. The elements in the above menu are the Competence Framework elements.

Routes to Competence:

Read this document from the bottom to the top. It contains 3 swim lanes which show the routes for a new entrant, someone who has some skills, knowledge, experience and behaviours (SKEB) as well as an experienced worker.

Functional Map:

This shows the grouping of functions together to show competencies for a specific role. This will be used to form the basis of any new qualification structures in the future. It may look very similar to existing competence qualification structures as the groups of functions are likely to be the same. It is the finer detail found in the Trade Specific Competencies that will outline the next level of detail.

Core Trade Competencies:

These are the common requirements for this trade more generally.

Trade Specific Competencies:

These are the functions themselves, when put together with other functions they become the competence requirements for a particular role. Use the Knowledge and Skill tabs (where applicable) to reveal or conceal additional details within sections

Experience:

Requirements set out by the Sector Group. These will form part of any checks carried out to validate competence initially as well as what is required for revalidation purposes. This could be a number of CPD hours that an individual is expected to undertake, observation of fire or safety critical installation activities on an annual basis or requirements that in the future would be required to trigger a construction card scheme card.

Behaviours:

Based on those found in BS8670-1:2024 the behaviours are what is expected from individuals working in this role. It is felt that most of these would be monitored by an employer on an ongoing basis, some might be added to competence qualifications where they can be demonstrated during the time served on an apprenticeship for example.



Background

In the report, Building a Safer Future, Dame Judith Hackitt spoke of the industry's approach to competence as being "fragmented, encompassing a range of disciplines and different competence frameworks even within one discipline and without reference to other interacting disciplines".

The Building Safety Act 2022, together with supporting secondary legislation, has introduced a new regulatory regime, which requires the engagement of everyone working in the built environment, not just those involved in Higher-Risk Buildings (HRBs).

Regulations define competence as having the appropriate **skills, knowledge, experience** and **behaviours (SKEB)**, and requires all individuals carrying out any design, construction or refurbishment work to be competent to undertake the role to which they are appointed.

Organisations must also demonstrate that they have the 'organisational capability', and it is a legal requirement for anyone appointing an individual or organisation to ensure that they meet the requirements.

In December 2024, the Industry Competence Steering Group (ICSG) was formally launched as the updated structure to the Competence Steering Group (CSG). Made up of 15 different working groups, representing all of Construction and the Built Environment, with the agreed goal of creating competence frameworks. Sector Lead Group 10 in the Industry Competence Steering Group represents Installation and Maintenance and this work has taken place in conjunction with that programme of work.



[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[ICGS WORKING GROUPS](#)[ICSG](#)

ICSG Working Groups

In September 2020, The CSG released Setting the Bar – a new competence regime for building a safety future which included recommendations from WG2 (pages 54 – 60). Under the move from the CSG to the ICSG, WG2 has become SLG10.

Since the publication of this report WG2 (now SLG10) has focussed on delivering its recommendation that the industry should adopt a framework for all the installer roles working on in- scope buildings that can also be applied to other project types. The frameworks should consist of:

- Accredited third party certification of companies
- Level 2 or 3 qualifications for individuals
- A card scheme such as, but not limited to, the CSCS
- CPD refresher training and the maintenance of individual skills
- All installers have a core knowledge of fire safety in buildings – training to be standardised and made mandatory.

A requirement identified within the Setting the Bar report was to identify any SKEB needed for working within a Higher-Risk Building (HRB). Whilst developing the competence frameworks, the working groups noted that there is very little difference between work carried out in a non-HRB and an HRB, however, where there are differences, these have been identified within the competence frameworks.

In 2024 SLG10 scaled up its initial pilot programme into the format on the next page, grouping the work into five workstreams: Envelope, Engineering Services, Interiors, Civils and Structures.

CITB provides Developer support to all roles within its scope order, facilitating the Sector Group's work and allowing them to concentrate on defining the competence requirements with support and guidance to document the requirements set for the frameworks.

In this role CITB can support the standardisation of statements contained within the Competence Frameworks, sharing best practice between the groups. This working relationship also allows CITB to plan in any Implementation Plan actions that have been identified and that fall under its responsibility. This allows for faster implementation of the Competence Frameworks.





BACKGROUND

ICSG WORKING GROUPS

FIRE SAFETY IN BUILDINGS

COMPETENCE FRAMEWORKS

COMPETENCE FRAMEWORK KEY DEFINITIONS

SECTOR OVERVIEW

ROUTES TO COMPETENCE

FUNCTIONAL MAP

CORE CONSTRUCTION COMPETENCIES

CORE TRADE COMPETENCIES

TRADE SPECIFIC COMPETENCIES

EXPERIENCE

BEHAVIOURS

REFERENCES/ GLOSSARY

ICGS WORKING GROUPS

ICSG

The Industry Competence Steering Group (ICSG)



[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)

Fire Safety in Buildings

Following the recommendations in the Building a Safer future report, a group of Industry Experts met to design and build the content for a Fire Safety in Buildings training course for all installers to undertake. CITB funded the creation of the course and it is now a free to access training resource which sits on the eLearning platform on the CITB website.

[Fire Safety in Buildings Free Online Training Course](#)





Competence Frameworks

The following documents that make up the Competence framework:

- 1. The SKEB Statements** - outlining the **S**kills, **K**nowledge, **E**xperience and **B**ehaviours (SKEB) required to obtain competence in the occupation(s).
- 2. A Route to Competence** - showing the path (or paths) to obtaining, and then maintaining, individual competence in the occupation(s).
- 3. An Implementation Plan** - identifying what practical steps are required (as well as a timeframe) to allow every individual in scope to the competence framework to come into compliance with its requirements.

The Competence frameworks have been written in line with BS8670-1:2024 Competence frameworks for building safety which outlines the key components of a Competence Framework.

These include:

- **What Competence is defined as**
- **What Validation and Revalidation looks like**
- **How to maintain and develop Competence over time**
- **Limits of Competence**

[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)

Competence Framework Key Definitions

BS8670-1:2024 Defines the key elements of Competence Frameworks as follows:

Competence: application of skills, knowledge, experience and behaviour to achieve a defined outcome

Skills: ability to perform an activity or task consistently with a specific intended outcome

Knowledge: assimilation of facts, theories and practices in relation to a given role, function, activity or task

Experience: participation in relevant activities or observation of facts and events leading to acquisition or improvement of knowledge and skills

Behaviours: observable things that an individual does or does not do

Validation: formal process of assessing an individual's competence against a sector-specific competence framework

Revalidation: formal process of reassessing an individual's competence against a sector-specific framework on a periodic basis to check that competence has been maintained

[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[BRICKWORK TECHNICIAN](#)[DEVELOPMENT PROCESS](#)[OUTCOMES AND FINDINGS](#)

Sector Overview

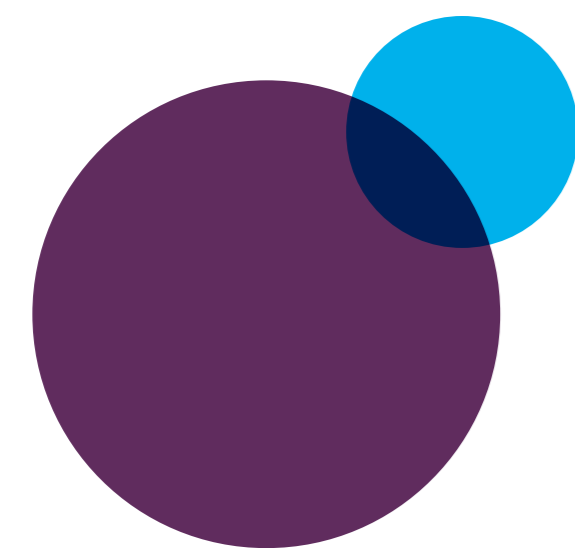
Brickwork Technician Framework Development

The development of the Brickwork Technician Competence Framework aims to establish a structured, standardised approach for assessing and ensuring the competencies of installers working as a Brickwork Technician. The framework serves to address the growing demand for high-quality and safe installations, promoting the development of skilled professionals who meet industry standards.

The framework outlines key competencies required for a Brickwork Technician, including installation, health and safety, training and qualification landscape and re-validation requirements. It is designed to guide employers, workers, regulatory bodies, industry professionals, training providers, and regulatory bodies to create a consistent and accountable approach to competency for a Brickwork Technician. This competency model is intended to reduce risks associated with poor installation practices, improve building performance, and ensure compliance with relevant regulations and standards.

Key components of the framework include:

- 1. Routes to Competence:** Identification of the recognised routes to achieving competence.
- 2. Competency Levels:** Clear definitions of the Skills, Knowledge, Experience & Behaviours required for each function of the Brickwork Technician.
- 3. Technical Skills:** A comprehensive understanding of materials, techniques, and equipment used as a Brickwork Technician.
- 4. Health and Safety:** Emphasis on safety standards to minimise accidents and ensure safe working environments.
- 5. Sustainability and Efficiency:** Incorporating best practices for energy efficiency, sustainability, and the long-term performance of a Brickwork Technician.



[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[BRICKWORK TECHNICIAN](#)[DEVELOPMENT PROCESS](#)[OUTCOMES AND FINDINGS](#)

Sector Overview

Development Process

The development process involved extensive consultation and collaboration through a series of working group meetings with SLG10 Installation and Maintenance (previously WG2 Installers), Association of Brickwork Contractors federation/association representation, employers, manufacturers, training providers and CITB. An online survey and webinar are also available to present the Competence Framework and offer an opportunity to review, provide feedback, support and validate the framework development.

Thorough analysis of existing competencies, standards, training, qualifications, current working practices and known issues and challenges were carried out to produce the framework and identify actions that needed to be addressed.

The working groups were generally very well attended and were conducted in a very cooperative, open and friendly manner with all participating getting the opportunity to contribute to the discussions and work being done in relation to the SKEB.



[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[BRICKWORK TECHNICIAN](#)[DEVELOPMENT PROCESS](#)[OUTCOMES AND FINDINGS](#)

Sector Overview

Outcomes and Findings

The following actions have been identified and will be addressed as part of an implementation plan:

- Develop short duration training courses to support the Competence Framework
- Introduce Fire Safety in Building training as a mandatory competence requirement
- Revision of National Occupational Standard needed to reflect current processes
- Re-validation requirements

Barriers identified to addressing the actions include a substantial lack of assessors.

The National Occupational Standards (NOS) were used to develop the Competence Framework. The NOS and subsequent S/NVQ went through a revision and update in 2022. With this alignment to the NOS, it has been identified these standards and vocational qualifications do now require an incremental change to reflect current practices.

When the NOS was previously created there was no take up by the regulator SQA for the SVQ to be created due to low demand. However once this been reviewed again, we will look to see if this can be re-considered.

The working group have also identified the Experience and Behaviour requirements. When adapted either individually or through an organisation, these will promote a culture of self-development, responsibility and reinforce positive values.





BACKGROUND

ICSG WORKING GROUPS

FIRE SAFETY IN BUILDINGS

COMPETENCE FRAMEWORKS

COMPETENCE FRAMEWORK KEY DEFINITIONS

SECTOR OVERVIEW

ROUTES TO COMPETENCE

FUNCTIONAL MAP

CORE CONSTRUCTION COMPETENCIES

CORE TRADE COMPETENCIES

TRADE SPECIFIC COMPETENCIES

EXPERIENCE

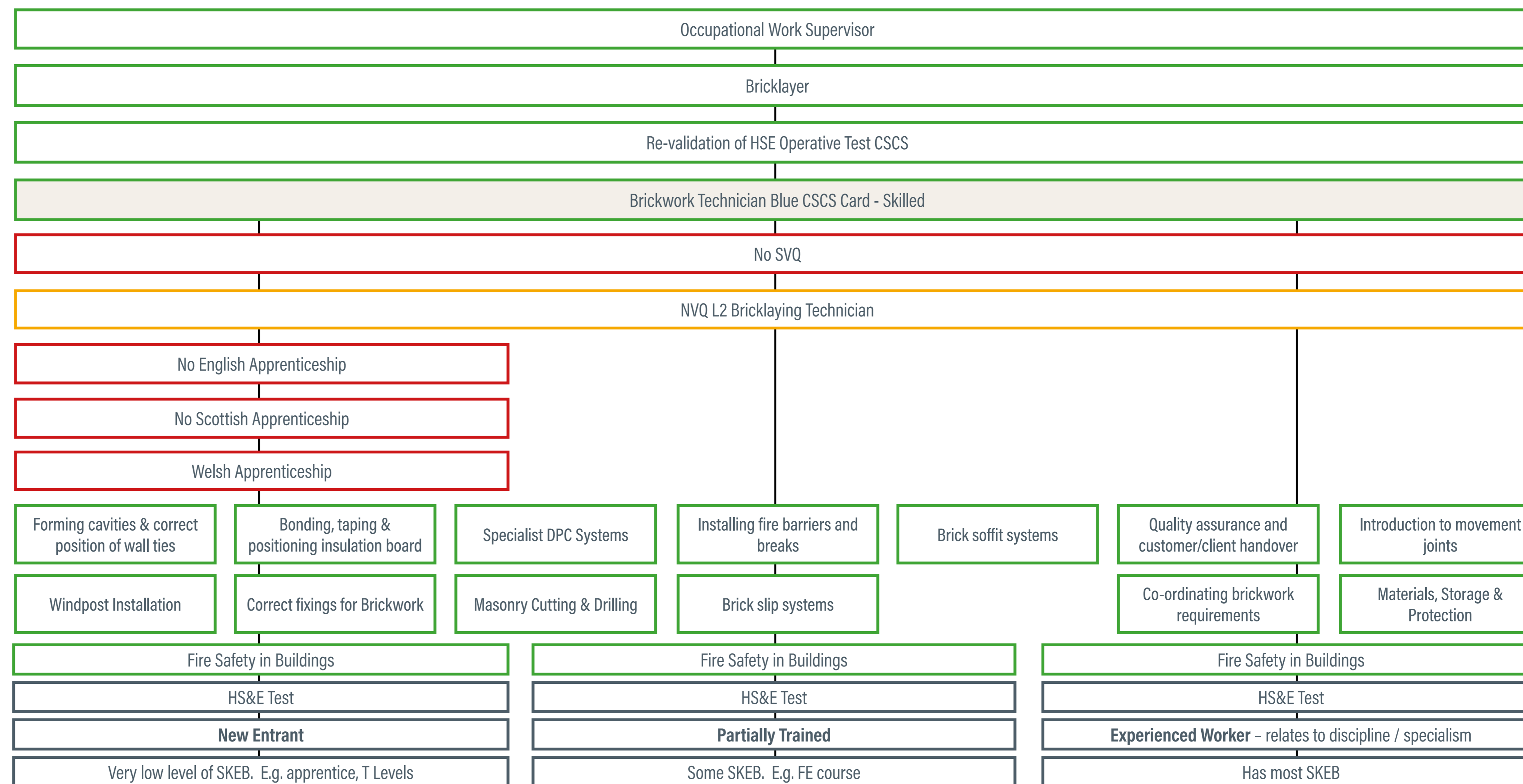
BEHAVIOURS

REFERENCES/ GLOSSARY

Routes to Competence

PROGRESSION
RE-VALIDATION OF COMPETENCE
COMPETENCE QUALIFICATIONS
OTHER TRAINING
ACCESS TO SITE
ENTRANT

- To Develop
- Actions needed
- Developed



[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[INTRODUCTION](#)[CORE CONSTRUCTION COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)

Functional Map

Introduction

Training Pathways for Brickwork Technician

PURPOSE

The purpose of this work, the Route to Competence (RtC) and Skills, Knowledge, Experience and Behaviour (SKEB) statements is to confirm the industry agreed standards and qualification landscape for Brickwork Technician within the Brickwork Sector.

Consultation with sector experts, established the necessary structure to train and qualify the workforce and maintain and monitor levels of competence. Building regulations and industry best practice knowledge guidelines were referenced throughout the consultation.

SCOPE

The scope of the document validates the Competence requirements, qualification pathways and any re-validation requirements.

FUNCTIONAL MAP

The agreed competencies required to demonstrate competence for a role.

EXPERIENCE

Information on how to evidence competence and confirm the level of experience.

DEFINITIONS

SKEB Skills, Knowledge, Experience and Behaviours; **VQ** Vocational Qualification – NVQ and SVQ; **COSVR XXX** Specific National Occupational Standards; **RQF** Regulated Qualification Framework (England)

BEHAVIOURS

Core behavioural statements originating from the BS8670-1:2024 document which sets out core building safety competence criteria which have been added to this framework.

CORE CONSTRUCTION COMPETENCIES

These skills and knowledge statements are derived from a standard set of competencies that underpin all construction roles. **The Core Construction competencies have undergone a format revision and are currently draft versions pending a collective review by industry.

CORE TRADE COMPETENCIES

Core Trade skills and knowledge statements applicable to Brickwork Technician.

TRADE SPECIFIC COMPETENCIES

Individual functions further defined into Skills (practical abilities and techniques) and Knowledge (theoretical understanding and information). Together, they define what is needed to be competent in a role.



Functional Map

Core Construction Competencies

FUNCTIONAL MAP ACTIVITIES		COMPETENCE ROUTE	SHORT DURATION TRAINING STANDARDS TRAINING
CORE CONSTRUCTION COMPETENCIES			
CC001	Conform to general workplace health, safety and welfare	✓	Fire safety in buildings
CC002	Conform to productive working practices in the workplace	✓	
CC003	Move, handle and store resources	✓	Materials storage and protection - CITB

[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[INTRODUCTION](#)[CORE CONSTRUCTION COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)

Functional Map

Trade Specific Competencies

FUNCTIONAL MAP ACTIVITIES		COMPETENCE ROUTE	SHORT DURATION TRAINING STANDARDS TRAINING
CORE TRADE COMPETENCIES			
BT001	Set out to form standard masonry structures	✓	Masonry cutting and drilling - CITB Windposts Correct fixing for brickwork Brick slip systems Masonry support angle installation Specialist DPC systems
BT002	Install and form specialist masonry elements	✓	Masonry support angle installation
BT003	Use access equipment up to the six metres	✓	
BT004	Installation of open state and closed state fire barrier within masonry façade systems	✓	



Core Construction Competencies

Conform to general health, safety and welfare (CC001)

Function: Conform to general health, safety and welfare

Refs: COSVR641 Conform to general health, safety and welfare

Description: This function in the context of your occupation and work environment, is about awareness of relevant current statutory requirements and official guidance; responsibilities, to self and others, relating to workplace health, safety and welfare; personal behaviour and security in the workplace.

SKILLS

You must be able to:

Workplace health, safety and welfare

Comply with all workplace health, safety and welfare legislation requirements at all times

Avoid risk by complying with given information relating to the following:

- induction
- briefings
- application of prior training (safe use of health and safety control equipment)

Adhere to statutory requirements and/or safety notices and warning signs displayed in the workplace or on equipment

Recognition of hazards

Recognise hazards, associated with the workplace and report them in accordance with organisational procedures

Recognise hazards created by changing circumstances, that have not been previously controlled, and report them in accordance with organisational procedures

Organisational policies and procedures

Accept responsibility for, and comply with, organisational policies and procedures in order to contribute to health, safety and welfare

Show personal behaviour which demonstrates active responsibility for general workplace health, safety and welfare

KNOWLEDGE

Comply with organisational policies and procedures relating to the following:

- consideration of others
- interpretation of given instructions to maintain safe systems of work
- contributing to discussions (offer and provide feedback)
- maintaining quality working practices
- contributing to the maintenance of workplace welfare facilities
- storage and use of equipment provided to keep people safe
- disposal of waste and/or consumable items

Security arrangements

Comply with and support organisational procedures for maintaining the security of the workplace:

- during the working day
- on completion of the day's work
- from unauthorised personnel (other operatives and/or the general public)
- from theft



BACKGROUND

ICSG WORKING GROUPS

FIRE SAFETY IN BUILDINGS

COMPETENCE FRAMEWORKS

COMPETENCE FRAMEWORK KEY DEFINITIONS

SECTOR OVERVIEW

ROUTES TO COMPETENCE

FUNCTIONAL MAP

CORE CONSTRUCTION COMPETENCIES

CORE TRADE COMPETENCIES

TRADE SPECIFIC COMPETENCIES

EXPERIENCE

BEHAVIOURS

REFERENCES/ GLOSSARY

CC001

CC002

CC003

Core Construction Competencies

Conform to productive working practices (CC002)

Function: Conform to productive working practices

Refs: COSVR642 Conform to productive working practices in the workplace

Description: This function in the context of your occupation and work environment, is about productive communication with line management, colleagues and customers, interpreting information, planning and carrying productive work practices, working with others or as an individual.

SKILLS

You must be able to:

Communicate with others

Communicate with line management, colleagues, or customers to ensure work is carried out productively
Respect the needs of others when communicating

Follow procedures

Interpret and follow organisational procedures and use appropriate resources to plan the sequence of work in order to conform to productive work practices and maintain records
Complete documentation as required by the organisation

KNOWLEDGE

Work Relationships

Maintain good work relationships
Work productively with line management, colleagues, customers, or other people
Apply the principles of equality and diversity



Core Construction Competencies

Move, handle and store resources (CC003)

Function: Move, handle or store resources
Refs: COSVR643 move, handle or store resources

Description: This function in the context of your occupation and work environment, is about interpreting information, adopting safe and healthy working practices, selecting aids or equipment to move, handle or store occupational resources and moving, handling and storing occupational resources to maintain useful condition.

SKILLS

You must know and understand:

Interpretation of Information

why organisational procedures have been developed and how they are implemented

types of information, their source and how they are interpreted in relation to:

- technical
- product and regulatory
- oral
- written
- graphical presentation

the importance of reporting and rectifying inappropriate information

how to obtain information to use and store lifting aids and equipment

Safe Work Practices

information for relevant, current legislation and official guidance and how it is applied

the types of fire extinguishers and how and when they are used in relation to water, CO₂, foam, powder

how emergencies should be responded to in accordance with organisational authorisation and personal skills in relation to:

- fires, spillages, injuries
- emergencies relating to occupational activities

the organisational security procedures for tools, equipment and personal belongings in relation to:

- | | |
|-------------|----------------------|
| ▪ operative | ▪ company |
| ▪ site | ▪ customer |
| ▪ workplace | ▪ the general public |
| ▪ vehicles | |

KNOWLEDGE

how to report risks and hazards identified by the following:

- methods of work
- manufacturers' technical information
- statutory regulations
- official guidance

the accident reporting procedures and who is responsible for making the report

why, when and how health and safety control equipment identified by the principles of prevention should be used in relation to:

- collective protective measures
- personal protective equipment (PPE)
- respiratory protective equipment (RPE)
- local exhaust ventilation (LEV)

how to comply with environmentally responsible work practices to meet current legislation and official guidance

the organisational procedure when dealing with potential accidents, health hazards and the environmental impact whilst working:

- below ground level
- in confined spaces
- at height
- with tools and equipment
- with materials and substances
- moving and storing materials by manual handling and mechanical lifting



[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[INTERPRET INFORMATION](#)[SAFE WORK PRACTICES](#)[SELECTION OF RESOURCES](#)[MINIMISE THE RISK OF DAMAGE](#)[APPROACH TO WORK](#)

Core Trade Competencies

Interpret Information

Description: These core trade functions contain all the common competencies including interpreting information, adopting safe, healthy and environmentally responsible work practices, selecting and using materials, components, tools and equipment, minimising damage, and working within the allocated time, in accordance with organisational requirements which are equal to or exceed current statutory and legislative requirements.

[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[INTERPRET INFORMATION](#)[SAFE WORK PRACTICES](#)[SELECTION OF RESOURCES](#)[MINIMISE THE RISK OF DAMAGE](#)[APPROACH TO WORK](#)

Core Trade Competencies

Safe Work Practices

Description: These core trade functions contain all the common competencies including interpreting information, adopting safe, healthy and environmentally responsible work practices, selecting and using materials, components, tools and equipment, minimising damage, and working within the allocated time, in accordance with organisational requirements which are equal to or exceed current statutory and legislative requirements.

SKILLS

KNOWLEDGE

[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[INTERPRET INFORMATION](#)[SAFE WORK PRACTICES](#)[SELECTION OF RESOURCES](#)[MINIMISE THE RISK OF DAMAGE](#)[APPROACH TO WORK](#)

Core Trade Competencies

Selection of Resources

SKILLS

KNOWLEDGE

Description: These core trade functions contain all the common competencies including interpreting information, adopting safe, healthy and environmentally responsible work practices, selecting and using materials, components, tools and equipment, minimising damage, and working within the allocated time, in accordance with organisational requirements which are equal to or exceed current statutory and legislative requirements.

[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[INTERPRET INFORMATION](#)[SAFE WORK PRACTICES](#)[SELECTION OF RESOURCES](#)[MINIMISE THE RISK OF DAMAGE](#)[APPROACH TO WORK](#)

Core Trade Competencies

Minimise the risk of damage

SKILLS

KNOWLEDGE

Description: These core trade functions contain all the common competencies including interpreting information, adopting safe, healthy and environmentally responsible work practices, selecting and using materials, components, tools and equipment, minimising damage, and working within the allocated time, in accordance with organisational requirements which are equal to or exceed current statutory and legislative requirements.

[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[INTERPRET INFORMATION](#)[SAFE WORK PRACTICES](#)[SELECTION OF RESOURCES](#)[MINIMISE THE RISK OF DAMAGE](#)[APPROACH TO WORK](#)

Core Trade Competencies

Approach to work

SKILLS

KNOWLEDGE

Description: These core trade functions contain all the common competencies including interpreting information, adopting safe, healthy and environmentally responsible work practices, selecting and using materials, components, tools and equipment, minimising damage, and working within the allocated time, in accordance with organisational requirements which are equal to or exceed current statutory and legislative requirements.

[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[SET OUT TO FORM STANDARD MASONRY STRUCTURES \(BT001\)](#)[INSTALL AND FORM SPECIALIST MASONRY ELEMENTS \(BT002\)](#)[USE ACCESS EQUIPMENT UP TO SIX METRES \(BT003\)](#)[INSTALLATION OF OPEN STATE AND CLOSED STATE FIRE BARRIER WITHIN MASONRY FAÇADE SYSTEMS \(BT004\)](#)

Trade Specific Competencies

Set Out to Form Standard Masonry Structures (BT001)

Description: This function is about setting out to form standard masonry structures for brickwork, blockwork and local materials, by determining dimensions and positions using line, level, depth area, height and angle to working instructions to establish straight lines, right angles and openings.

SKILLS



You must be able to:

- Read manufacturers drawings and guidelines
- Understand quality assurance requirements and record keeping
- Comply with project design details
- Understand component positioning and detail of fixings

KNOWLEDGE



[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[SET OUT TO FORM STANDARD MASONRY STRUCTURES \(BT001\)](#)[INSTALL AND FORM SPECIALIST MASONRY ELEMENTS \(BT002\)](#)[USE ACCESS EQUIPMENT UP TO SIX METRES \(BT003\)](#)[INSTALLATION OF OPEN STATE AND CLOSED STATE FIRE BARRIER WITHIN MASONRY FAÇADE SYSTEMS \(BT004\)](#)

Trade Specific Competencies

Install and form specialist masonry elements (BT002)

Description: This function is about installing and forming specialist masonry elements to manufacturers specification

SKILLS



You must be able to:

Remove, measure, mark out, cut, line, level, drill, fit, fix, fill, finish, position and secure to carry out pre-installation checks, assessing, recording and reporting issues as per specification to include:

- suitable access
- vents ducts, flues and penetrations
- services (gas, electric, water, media cables)
- architectural features
- vegetation
- rainwater and soil water services
- damp proof course
- surface defects
- trim projections, cills and overhangs
- protections, such as glazing, doors, floors and roofs

Use and maintain all work tools and equipment Cut and fix pre-formed trims and mounting blocks

Install pattresses for fixtures and fittings

Apply treatments to existing walls Install base track and seal

KNOWLEDGE



[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[SET OUT TO FORM STANDARD MASONRY STRUCTURES \(BT001\)](#)[INSTALL AND FORM SPECIALIST MASONRY ELEMENTS \(BT002\)](#)[USE ACCESS EQUIPMENT UP TO SIX METRES \(BT003\)](#)[INSTALLATION OF OPEN STATE AND CLOSED STATE FIRE BARRIER WITHIN MASONRY FAÇADE SYSTEMS \(BT004\)](#)

Trade Specific Competencies

Use access equipment up to six metres (BT003)

Description: This function is about using, removing and storing access equipment used up to six metres for work operations, interpreting information, adopting safe, healthy and environmentally responsible work practices, selecting and using components, tools and equipment

SKILLS



You must be able to:

Remove, measure, mark out, cut, line, level, drill, fit, fix, fill, finish, position and secure to carry out pre-installation checks, assessing, recording and reporting issues as per specification to include:

- suitable access
- vents ducts, flues and penetrations
- services (gas, electric, water, media cables)
- architectural features
- vegetation
- rainwater and soil water services
- damp proof course
- surface defects
- trim projections, cills and overhangs
- protections, such as glazing, doors, floors and roofs

Use and maintain all work tools and equipment Cut and fix pre-formed trims and mounting blocks

Install pattresses for fixtures and fittings

Apply treatments to existing walls Install base track and seal

KNOWLEDGE



[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[SET OUT TO FORM STANDARD MASONRY STRUCTURES \(BT001\)](#)[INSTALL AND FORM SPECIALIST MASONRY ELEMENTS \(BT002\)](#)[USE ACCESS EQUIPMENT UP TO SIX METRES \(BT003\)](#)[INSTALLATION OF OPEN STATE AND CLOSED STATE FIRE BARRIER WITHIN MASONRY FAÇADE SYSTEMS \(BT004\)](#)

Trade Specific Competencies

Installation of open state and closed state fire barrier within masonry façade systems (BT004)

Description: This function is about installing both open state and closed state cavity barriers within masonry façade systems

SKILLS

KNOWLEDGE



You must be able to:

Comply with the contract specification to install both closed state and open state fire barriers in masonry façade systems, ensuring all work is carried out to manufacturer's instructions and the required specification

Demonstrating work skills to:

- measure
- mark out
- cut
- align
- adjust
- line and level
- fit
- position
- secure
- install both closed state cavity barriers and open state cavity barriers (OSCB) in masonry façade

Check relevant daily inspection, test, and quality assurance records before commencing installation, ensuring that all materials and components meet the required standards and are fit for purpose

[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[SET OUT TO FORM STANDARD MASONRY STRUCTURES](#)[INSTALL AND FORM SPECIALIST MASONRY ELEMENTS](#)[USE ACCESS EQUIPMENT UP TO SIX METRES](#)[INSTALLATION OF OPEN STATE AND CLOSED STATE FIRE BARRIER WITHIN MASONRY FAÇADE SYSTEMS](#)

Experience

Information that can be evidenced to confirm level of experience

Rarely: Task is completed less than once every 3 months on average Regular: Task is completed more than once every 3 months on average	Trained or Qualified: You have received and passed formal manufacturers or industry training from a qualified source or hold a recognised qualification such as an NVQ, Apprenticeship or T Level. Train, Supervise or Quality Assure: You told training sessions, supervise, coach or mentor individuals and provide feedback.		
Experience You must have experience of: Use the drop-down boxes to rate your current experience Select one answer per row	I am not trained or qualified and do not complete this task as part of my role.	I am trained or qualified but rarely complete this task. I would need refresher training and supervision to complete the task.	I am qualified, this task is a regular part of my current role or I have completed it regularly in my time in the industry to an approved standard.
Set out to form standard masonry structures			
Set out masonry walls to given tolerances (90° & 180° angles, openings)			
Identify and transfer gauge, datum points, lines and levels			
Use profile boards to establish accurate masonry lines			
Lay bricks and blocks to a consistent level, plumb, and gauge			
Construct walls using correct bonding patterns (stretcher, English, Flemish, etc.)			
Adjust masonry work for structural openings (doors, windows, service penetrations)			
Construct masonry structures on both level and sloping ground			
Recognise and rectify defects in brickwork			
Work to required tolerances, building regulations, and quality standards			



Experience

Information that can be evidenced to confirm level of experience

<p>Rarely: Task is completed less than once every 3 months on average</p> <p>Regular: Task is completed more than once every 3 months on average</p>	<p>Trained or Qualified: You have received and passed formal manufacturers or industry training from a qualified source or hold a recognised qualification such as an NVQ, Apprenticeship or T Level.</p> <p>Train, Supervise or Quality Assure: You told training sessions, supervise, coach or mentor individuals and provide feedback.</p>		
<p>Experience</p> <p>You must have experience of: Use the drop-down boxes to rate your current experience</p> <p>Select one answer per row</p>	I am not trained or qualified and do not complete this task as part of my role.	I am trained or qualified but rarely complete this task. I would need refresher training and supervision to complete the task.	I am qualified, this task is a regular part of my current role or I have completed it regularly in my time in the industry to an approved standard.
Install and form specialist masonry elements			
Measure and set out to form masonry structures on level and sloping ground			
Install and adjust masonry support how to identify and mark datum points			
Mark straight lines, right angles and openings			
Plumb from ranging lines			
Transfer lines and levels (spirit level, straight-edge and laser level)			

[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[SET OUT TO FORM STANDARD MASONRY STRUCTURES](#)[INSTALL AND FORM SPECIALIST MASONRY ELEMENTS](#)[USE ACCESS EQUIPMENT UP TO SIX METRES](#)[INSTALLATION OF OPEN STATE AND CLOSED STATE FIRE BARRIER WITHIN MASONRY FAÇADE SYSTEMS](#)

Experience

Information that can be evidenced to confirm level of experience

<p>Rarely: Task is completed less than once every 3 months on average</p> <p>Regular: Task is completed more than once every 3 months on average</p>	<p>Trained or Qualified: You have received and passed formal manufacturers or industry training from a qualified source or hold a recognised qualification such as an NVQ, Apprenticeship or T Level.</p> <p>Train, Supervise or Quality Assure: You told training sessions, supervise, coach or mentor individuals and provide feedback.</p>		
<p>Experience</p> <p>You must have experience of: Use the drop-down boxes to rate your current experience</p> <p>Select one answer per row</p>	I am not trained or qualified and do not complete this task as part of my role.	I am trained or qualified but rarely complete this task. I would need refresher training and supervision to complete the task.	I am qualified, this task is a regular part of my current role or I have completed it regularly in my time in the industry to an approved standard.
Use access equipment up to six metres			
How to provide protection to the work area			
How to establish a base for equipment			
Erect proprietary access equipment to manufacturer's guidelines and correct training and qualification suitable for the work			
How to check and monitor equipment during the period of use			
How to remove and store access equipment			

[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)[SET OUT TO FORM STANDARD MASONRY STRUCTURES](#)[INSTALL AND FORM SPECIALIST MASONRY ELEMENTS](#)[USE ACCESS EQUIPMENT UP TO SIX METRES](#)[INSTALLATION OF OPEN STATE AND CLOSED STATE FIRE BARRIER WITHIN MASONRY FAÇADE SYSTEMS](#)

Experience

Information that can be evidenced to confirm level of experience

<p>Rarely: Task is completed less than once every 3 months on average</p> <p>Regular: Task is completed more than once every 3 months on average</p>	<p>Trained or Qualified: You have received and passed formal manufacturers or industry training from a qualified source or hold a recognised qualification such as an NVQ, Apprenticeship or T Level.</p> <p>Train, Supervise or Quality Assure: You told training sessions, supervise, coach or mentor individuals and provide feedback.</p>		
<p>Experience</p> <p>You must have experience of: Use the drop-down boxes to rate your current experience</p> <p>Select one answer per row</p>	I am not trained or qualified and do not complete this task as part of my role.	I am trained or qualified but rarely complete this task. I would need refresher training and supervision to complete the task.	I am qualified, this task is a regular part of my current role or I have completed it regularly in my time in the industry to an approved standard.
Set out to form complex masonry structures			
How to prepare and install cavity barriers within masonry façade systems			
The importance of ventilation and airflow			
How to ensure the integrity of the substrate			
How to install angles, plates and channels			
How to fit components around protusions, penetrations, apertures, and reveals			
How to carry out repairs to or replacement of cavity barriers			
The fire resisting and movement requirements of the installations			
The implications of incorrect installation			

[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/ GLOSSARY](#)

Behaviours

You must be able to demonstrate:

Visible commitment at all levels to a strong safety culture

Collaboration with others and effective team working skills

Effective communication within and between teams, organisations and individuals

Listening and feeding back effectively

Communicating technical information to non-technical audiences

Communicating effectively through use of oral, written, drawn, digital or graphic information and in accessible formats

Acting within limits of own competence (particularly in relation to building safety) and seeking further appropriate advice where necessary

Maintaining competence including undertaking self-assessment and personal development activities

Responsibility for own actions and for the actions of those under their supervision or direction

Anticipating, identifying and challenging unsafe or inappropriate behaviours and escalating concerns through reporting or whistleblowing mechanisms

Identifying and providing feedback on unsafe process, equipment, procedures, construction products, building systems, standards or quality

Duties and obligations to act in protecting safety of self, colleagues and the public whilst undertaking work

Duty of care to occupants including residents, first responders and people in and around buildings in use

Consultation, listening and engagement with occupants or others who are or could be affected by work (including vulnerable, older and disabled people) and responding appropriately



[BACKGROUND](#)[ICSG WORKING GROUPS](#)[FIRE SAFETY IN BUILDINGS](#)[COMPETENCE FRAMEWORKS](#)[COMPETENCE FRAMEWORK KEY DEFINITIONS](#)[SECTOR OVERVIEW](#)[ROUTES TO COMPETENCE](#)[FUNCTIONAL MAP](#)[CORE CONSTRUCTION COMPETENCIES](#)[CORE TRADE COMPETENCIES](#)[TRADE SPECIFIC COMPETENCIES](#)[EXPERIENCE](#)[BEHAVIOURS](#)[REFERENCES/GLOSSARY](#)

References/Glossary

The Competence Framework page hosted by the CLC:
[Competence – Construction Leadership Council](#)

Details of the new ICSG Structure:
[Industry Competence Steering Group – Construction Leadership Council](#)

CITB Competence Framework page:
[Competence Frameworks - CITB](#)

The BSI Competence Programme pages:
[Raising Competency Across the Built Environment | BSI](#)