

Overview of the role

Erecting, altering and dismantling scaffolding, to allow other trades to work safely at height from secure working platforms.

Standard in development

L2: Scaffolder

Title of occupation

Scaffolder

UOS reference number

ST0359

Core and options

No

Option title/s

Level of occupation

Level 2

Route

Construction and the built environment

Typical duration of apprenticeship

18 months

Target date for approval

Spring 2023

Resubmission

No

Would your proposed apprenticeship standard replace an existing framework?

No

Does professional recognition exist for the occupation?

Yes

Occupation summary

This occupation is found in the Construction and the Built Environment Industry.

Employers range from small, medium businesses to large enterprises. Projects vary in size, scale, and duration, and could include domestic refurbishments, new built housing, large scale industrial, commercial properties and challenging locations, like bridges, powerlines, towers and offshore. Scaffolders work outdoors in changeable weather, indoors or both depending on the project.

The broad purpose of the occupation is to provide access solutions or structural support which allows other trades to carry out their roles safely whilst working at height.

Scaffolders construct, alter and dismantle scaffolding structures using a variety of scaffolding equipment, tools and methods. They build secure and stable temporary structures where scaffold working platforms can be installed to create a safe working environment for other workers. With sustainable construction at the forefront of all projects, it is expected that scaffolders do so by also giving consideration to the environment and sustainability of materials, waste awareness and recycling.

Scaffolders are working in accordance with clients' specifications following design drawings, compliance sheets and manufacturers' specification when installing, altering or dismantling scaffolding structures.

In their daily work, an employee in this occupation interacts with members of the public, clients, site managers, and other trades such as roofers, slaters & tilers, groundworkers, bricklayers, carpenters, plumbers, decorators etc. Scaffolding is a safety critical trade and each individual working in the sector has a responsibility to themselves, their working environment, and others who they may encounter whilst carrying out their role.

An employee in this occupation will be responsible for working in a team, under supervision, using machinery and tools to create and dismantle scaffolding structures according to designs or manufacturers' specification.

Scaffolders are also responsible for ordering materials, tools, and equipment. They work to industry recognised safe systems of work, health safety and environmental guidance and legislation including the HSAWA, Working at Height, COSHH, RIDDOR, PPE regulations and other relevant industry guidance.

Typical job titles

Scaffolder

Are there any statutory/regulatory or other typical entry requirements?

No

Occupation duties

DUTY	KSBS
Duty 1 Work in compliance with occupational health and safety and environmental legislation, relevant regulations, and recognised industry guidance to ensure the health, safety and wellbeing of self and others always. Report in a timely manner any non-compliances against the construction programme to the appropriate person.	K1 K2 K3 K4 K5 K6 K7 K8 K9 K10 K11 K19 K20 K21 K22 K23 K24 K25 K26 K27 K28 K29 K30 K32 K33 K34 S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16 S17 S18 B1 B3
Duty 2 Check and maintain tools equipment and components before and after use to erect, alter and dismantle scaffolding; and store them.	K1 K2 K3 K4 K6 K20 S3 S6 S7 S8 S9 S10 S11 S13
Duty 3 Prepare the work area, checking it is safe and in accordance with method statements and risk assessments and implement the necessary control measures.	K1 K2 K3 K4 K5 K6 K9 K10 K11 K33 S5 S6 S8 S14 B5 K1 K2 K3 K4 K5 K6 K7 K8 K9 K11 K12 K15 K16 K17 K18 K19 K22 K23 K24 K25 K26 K33
Duty 4 Erect, alter and dismantle scaffolding structures to meet specification.	S2 S5 S7 S9 S10 S11 S12 S13 S14 S16 S17 S18 S21 B1 B2 B4 B5
Duty 5 Maintain a clear and tidy workspace and ensure that waste materials are disposed of in accordance with current legislation and sustainably.	K1 K2 K4 K5 K6 K9 K10 K11 K21 S1 S4 S9 S10 S11
Duty 6 Undertake appropriate inspection of finished ready for use scaffold structures and take remedial action.	K1 K2 K4 K5 K22 K24 K25 K27 K34 S15
Duty 7 Complete accurate records of work undertaken in accordance with company policies and procedures.	K3 K4 K7 K8 K12 K28 K33 K34 S21
Duty 8 Work to the construction programme, adapting to changes in schedule and requirements where necessary.	K6 K12 K13 K22 K33 S12 S20 S21 B4 B5
Duty 9 Collaborate with stakeholders including clients and other construction	K3 K11 K12 K13 K14 K31 S19 S20 S22

DUTY	KSBS
trades.	B1 B2 B3 B5 B6
Duty 10 Carry out continuous professional development to maintain knowledge of current and future developments affecting the role.	K1 K2 K30 K31 K32 B4

KSBS

Knowledge

K1: Awareness of health and safety regulations, relevance to the occupation and the operative's responsibilities. Health and Safety at Work Act Control of Substances Hazardous to Health (COSHH). Manual handling. Personal Protective Equipment (PPE). Working at height. Working in confined spaces. Situational awareness. Isolation and emergency stop procedures. Emergency evacuation procedures. Slips, trips and falls. Safety equipment: guards, signage, fire extinguishers.

K2: Scaffold guidance: manufacturer's instructions, NASC guidance SG4, TG20, SG6, National Access and Scaffolding Confederation (NASC) guidance e.g. Technical Guidance (TG)20 (Good Practice guidance for Tube and fitting Scaffolding Safety Guidance, system manufacturer's user guides, SG4, (Preventing Falls in Scaffolding Operations) SG6 (Manual Handling in the Scaffolding Industry) statutory regulations, British and European Standards.

K3: Purpose of site induction and toolbox talks.

K4: Provision for the safety of themselves, the workforce, the public affected by scaffolding work, and future users of the scaffold structure: use of personal fall protection equipment correctly, use of warning signs and physical barriers, making scaffold structures safe from access when incomplete during breaks and end of the day.

K5: The types and uses of scaffolding material: tools, tethering, fittings, tube, boards, or system equipment.

K6: Common scaffold materials: tubes, boards, decking, prefabricated components, systems and fittings, purpose, and use.

K7: The methods of inspection and servicing scaffold materials, components and tools.

K8: The methods of founding scaffolds on differing types of surfaces: soft ground, concrete, and steel.

K9: Scaffolding in public places and pavements: local authority regulations, safety methods and walkways.

K10: The different techniques and methods used to move, handle and store materials, components and equipment.

K11: The methods and principles for protecting the public and others during work activities and site security arrangements.

K12: Methods of interpreting and extracting relevant information from drawings, specifications, work instructions manufacturer's instructions. The procedures for when this information may be incorrect.

K13: Verbal communication techniques.

K14: Team working techniques.

K15: Methods of attaching and spacing transoms, ledgers and bracing to support working platforms and strengthen the scaffold structure.

K16: Methods of erecting, altering, and dismantling independent scaffolds with feature, towers, birdcages, chimney stacks, loading bays with or without beams, truss outs with beams, splays, and bridging sections with beams and gantry scaffolds.

K17: Methods of erecting, altering, and dismantling independent with stairway access and returns and putlog scaffolds.

K18: Methods of erecting, dismantling independent scaffolds.

K19: Methods of raising and lowering materials using rope & gin wheel & rope, light lines, and safety knots.

K20: Access and work at height equipment: safe use of industry recognised safe systems of work, use of scaffolding steps, personal safety harness, inertia reels.

K21: The statutory requirements for access: ladder towers, stairways, and external ladders.

K22: The types, uses and purpose of prefabricated components (for example beams, ladders, gates), the rules for their assembly and connection to scaffold structures.

K23: Methods of attaching spurs, rakers and checking fittings and puncheons to scaffolds.

K24: The purpose, types, uses of cantilever sections.

K25: Loadings of cantilever sections. The methods of transferring cantilever section loadings back to the main scaffold structure.

K26: The spacing of scaffold ties to restrain sheeted and un-sheeted scaffolds from bespoke design drawing.

K27: The regulations governing the inspection of basic scaffolds: working at height regulations, inspection frequency, report details, date time, position of scaffold inspected, name of the inspector, document storage and retention.

K28: Awareness of risk assessments, method statements and safe systems of work, and implementing control measures.

K29: Methods of safely erecting, moving, and dismantling prefabricated aluminium towers.

K30: Environmental responsibilities: organisational procedures, manufacturers' information, statutory regulations, and official guidance regarding the disposal of waste and types of practices necessary to support achievement of UK's sustainability and net zero goals.

K31: Awareness of issues and common symptoms and warning signs of stress, anxiety and depression, plus where to go for help and the resources available.

K32: Equity, diversity and inclusion in the workplace.

K33: Calculation techniques: component quantities.

K34: Pre-handover scaffold inspection techniques.

Skills

S1: Follow procedures in line with health and safety and environmental regulations, standards, and guidance.

S2: Comply with risk assessments, method statements and safe systems of work.

S3: Inspect and select serviceable scaffold components, tools before use and escalate defects.

S4: Follow procedures in line with environmental and sustainability regulations, standards, and guidance. Segregate resources for reuse, recycling and disposal.

S5: Carry, raise, lower, scaffold materials on a working platform.

S6: Store components tools and equipment.

S7: Install scaffold cantilevered structural components according to requirements of industry guidance and manufacturer's instructions.

S8: Protect others within the working vicinity. For example, the public through signage, barriers.

S9: Install spurs and supports on cantilever sections.

S10: Select, space, and install the correct number of ties to restrain un-sheeted scaffolds to industry guidance and manufacturer's instructions.

S11: Determine the component requirements for independent scaffolding with feature for example towers, birdcages, chimney stacks, loading bays with or without beams, truss outs with beams, splays, and bridging sections with beams and gantry scaffolds.

S12: Organise materials to operate within the industry and manufacturers configurations and tolerances.

S13: Use lifting equipment safely to haul up scaffold components and equipment to working platform.

S14: Lay out materials, set out scaffolds to erect and dismantle scaffolds in a safe sequence.

S15: Inspect scaffolds prior to hand over.

S16: Use access and work at height equipment in accordance with training, relevant regulations and employer's and manufacturer's instructions.

S17: Erect and dismantle independent with cantilever section to a maximum height of 2m working platform.

S18: Erect and dismantle independent scaffolds, with features for example, towers, birdcages, chimney stacks, loading bays with or without beams, truss outs with beams, splays, and bridging sections with beams and gantry scaffolds.

S19: Communicate with others verbally for example, internal and external customers, colleagues, and managers.

S20: Apply team working principles.

S21: Interpret information from drawings and specifications.

S22: Follow equity, diversity and inclusion procedures.

Behaviours

B1: Puts health safety and wellbeing first.

B2: Take ownership of given work within the limits of own competence knowing when to seek advice.

B3: Team-focused to meet work goals.

B4: Committed to continued professional development (CPD) to maintain and enhance competence in their own area of practice.

B5: Considers the environment and sustainability.

B6: Apply equity, diversity, and inclusion principles in dealing with others.

Qualifications

English and Maths

English and maths qualifications form a mandatory part of all apprenticeships and must be completed before an apprentice can pass through gateway. The requirements are detailed in the current version of the [apprenticeship funding rules](#).

Does the apprenticeship need to include any mandated qualifications in addition to the above-mentioned English and maths qualifications?

Yes

Other mandatory qualifications

CISRS Part 1a, 1b

Level: 2

CISRS Part 2a, 2b, 2c

Level: 2

CISRS Foundation

Level: 2

Professional recognition

This standard aligns with the following professional recognition:

- Construction Industry Scaffolder Record Scheme (CISRS) for Scaffolder

Consultation

Progression Routes

This apprenticeship provides a foundation for the Scaffolder to further develop their career by undertaking Advanced Scaffolder training, moving into Supervision, Management, Scaffold Inspection, Scaffold Design, Estimating, Surveying, Health and Safety or Training

Notice period

28 days

Involved employers

Kaefer Ltd, LTC Group 87 Ltd, Connect Scaffolding Ltd, Malvern Scaffolding Ltd, Allied Scaffolding Ltd, Altrad Services, Brogan Group, Chris Sedgeman Scaffolding Ltd, Lyndon/SGB Ltd, Ducker & Young, NASC, CISRS, JMA Ltd, Simian Training Provider.