

## 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

31/12/2022

#### Resubmission

No

#### Would your proposed apprenticeship standard replace an existing framework?

No

## Does professional recognition exist for the occupation?

No

### Occupation summary

This occupation is found in the Construction and the Built Environment Industry. Scaffolding is a safety critical trade and each individual working in the sector must be aware of their responsibility to themselves, the working environment including outdoors changeable weather, inside industrial heat conditions, working at heights and shift work for certain sectors i.e., railways. They must also be aware of those they are working with, the end user of the scaffold and others who they may encounter whilst carrying out their role e.g., other trades, clients, members of the public.

Employers range from small, medium to large enterprises.

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. With sustainable construction at the forefront of all projects, it is expected they do so by also giving consideration to the environment and sustainability of materials, waste awareness and recycling.

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, and decorators etc. They would have to ensure that they are working to the scaffold structure design and liaising with the client to plan and organise their work as part of the overall project to meet the needs of the other trades associated and working on the projects.

An employee in this occupation will be responsible for working in a team, under supervision, using machinery and tools to create and dismantle tube and fitting and prefabricated scaffolding structures according to designs or manufacturers' specification that meet the clients' expectations.

Scaffolders construct and dismantle tube and fitting scaffolding structures using scaffold tube, boards, and fittings to create a sturdy structure. The scaffold tubes are connected using fittings and, unlike system scaffolds, are not pre-assembled. This method creates a secure and stable structure where scaffold boards can be installed creating a safe work platform for other trades. System scaffolds are designed and manufactured with built-in connection points. Scaffolders follow manufacturers' specification when installing and dismantling these systems scaffold structures. Regardless of the methods they are using, scaffolders are working in accordance with clients' requirements.

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
<b>Duty 1</b> 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 K31 S1 S2 S3 S4 S5 S6 S7 S8 S9 S10 S11 S12 S13 S14 S15 S16 S17 S18 B1 B3
<b>Duty 2</b> 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 S5 S6 S7 S8 S9 S11
<b>Duty 3</b> 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 K4 K5 K6 K9 K10 K11 S4 S6 S12 B5
<b>Duty 4</b> Produce and dismantle tubular and prefabricated scaffolding structures to meet specification.	K1 K2 K3 K4 K5 K6 K7 K8 K9 K11 K12 K15 K16 K17 K18 K19 K22 K23 K24 K25 S2 S4 S5 S7 S8 S9 S10 S11 S12 S15 S16 S17 S18 B1 B2 B4 B5
<b>Duty 5</b> 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 S7 S8 S9
<b>Duty 6</b> Undertake appropriate inspection of finished ready for use scaffold structures and take remedial action.	K1 K2 K4 K5 K22 K26 S13 S14
<b>Duty 7</b> Complete accurate records of work undertaken in accordance with	K3 K4 K7 K8 K12 K27

## DUTY

## KSBS

company policies and procedures.

**Duty 8** Work to the construction programme, adapting to changes in schedule and requirements where necessary.

K6 K12 K13 K22  
S10 S20  
B4 B5

**Duty 9** Collaborate with stakeholders including clients and other construction trades.

K3 K11 K12 K13 K14 K30  
S19 S20  
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 K29 K30 K31  
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, fittings, tube, boards, equipment.

**K6:** Common scaffold materials: tubes, boards, prefabricated components, 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 including the basic principles of Computer Aided Design (CAD) and Building Information Modelling (BIM). 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, and 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 and loadings of cantilever sections. The methods of transferring cantilever section loadings back to the main scaffold structure.

**K25:** The spacing of scaffold ties to restrain sheeted and un-sheeted scaffolds from bespoke design drawing.

**K26:** 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.

**K27:** Awareness of risk assessments, method statements and safe systems of work, and implementing control measures.

**K28:** Methods of safely erecting, moving, and dismantling prefabricated aluminium towers.

**K29:** 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.

**K30:** Awareness of issues and common symptoms and warning signs of stress, anxiety, and depression, plus where to go for help and the resources available.

**K31:** Equity, diversity and inclusion, and its impact on built environment solutions.

## 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 materials, components, tools, and tethers before use.
- S4:** Carry, raise, lower, scaffold materials correctly and safely on a working platform.
- S5:** Install scaffold cantilevered structural components according to requirements of industry guidance and manufacturer's instructions.
- S6:** Erect scaffolds on pavements and public places safely and correctly.
- S7:** Install spurs and rakers and check fittings and puncheons in the correct positions to scaffolds.
- S8:** Select, space, and install the correct number of ties to restrain un-sheeted scaffolds to industry guidance and manufacturer's instructions.
- S9:** Determine the material 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.
- S10:** Organise materials to operate within the industry and manufacturers configurations and tolerances.
- S11:** Use lifting equipment safely to haul up scaffold components and equipment to working platform.
- S12:** Lay out materials, set out scaffolds to erect and dismantle scaffolds in a safe sequence.
- S13:** Inspect basic scaffolds with cantilever.
- S14:** Inspect scaffolding with features.
- S15:** Use access and work at height equipment in accordance with training, relevant regulations and employer's and manufacturer's instructions.
- S16:** Erect and dismantle independent with cantilever section to a maximum height of 2m working platform.
- S17:** Erect and dismantle prefabricated aluminium mobile towers for example, for potential rescue purposes.
- 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.

## Behaviours

- B1:** Demonstrate commitment to strong health and safety culture.
- B2:** Takes personal responsibility for outcomes when carrying out duties within the limits of own competence and when to seek advice.
- B3:** Collaborate and communicate effectively, as part of a team.
- B4:** Committed to continued professional development (CPD) to maintain and enhance competence in their own area of practice.
- B5:** Use own time effectively to complete the work instructions to schedule.
- B6:** Apply equity, diversity, and inclusion principles in dealing with others.

## Qualifications

### English & Maths

Apprentices without level 1 English and maths will need to achieve this level and apprentices without level 2 English and maths will need to take the tests for this

level prior to taking the end-point assessment. For those with an education, health and care plan or a legacy statement, the apprenticeship's English and maths minimum requirement is Entry Level 3. A British Sign Language (BSL) qualification is an alternative to the English qualification for those whose primary language is BSL.

## **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**

Ongoing

### **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

### **Supporting uploads**

**Mandatory qualification uploads**

**Professional body confirmation uploads**

[ST0359\\_standard\\_professional-body-confirming-alignment\\_CISRS Letter 14.06.22.pdf](#)

## **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, Inner City Scaffolding, Lyndon/SGB Ltd, NASC, CISRS, JMA Ltd, Simian Training Provider