Construction and the built environment common KSBS

Theme/module	Level	Knowledge statement	Skills statement	Behaviour statement	Pass grading descriptor	Distinction grading descriptor
Building safety	3+	Ethical principles and legislative guidance promoting safe working practices and outcomes.	Comply with ethical principles, and legislation to work safely, deliver and promote safe working outcomes.	Act ethically.	Describes how they comply with ethical principles and legislating to deliver and promote safe working practices and outcomes.	Explains the impact of ethical principles and legislative guidance on safe working practices and outcomes.
Building safety	2	Awareness of health and safety regulations, relevance to the occupation and the operative's responsibilities.	Comply with health and safety regulations, standards, and guidance.	Puts workplace health, safety, and wellbeing first.	Puts health, safety, and welfare first and complies with health and safety regulations, standards and guidance.	Explains the benefits for individuals and the business (stakeholders and customers) of compliance with health and safety regulations and standards and the consequences of non-compliance.
Building safety	2	Purpose of site induction and toolbox talks	None.		Describes the purpose of site induction and toolbox talks.	None.
Building safety	2	Health and safety control equipment: personal protective equipment (PPE) trailblazer (TB) to add to list or remove control equipment.	Use personal protective equipment (PPE) TB to add to list.		Uses personal protective equipment in line with requirements (for example).	Explains the use of personal protective equipment appropriate to the occupation and context.
Building safety	All	Duties and obligations to protect safety of self, colleagues and the public whilst undertaking work.	None.		Outlines the safety duties and obligations to protect self, colleagues and the public whilst undertaking work.	Explains the need for safety duties and obligations whilst undertaking work.
Building safety	2+	Fire stopping installation techniques.	Install fire stopping measures in accordance with the specification.		Installs fire stopping measures in line with the specification.	Explains why fire stopping must comply with the specification.
Building safety	4	Design techniques for fire safety measures and legislation – (TB to list).	Apply fire safety design measures through legislative controls.		Applies fire safety design measures in line with the legislative controls relevant to the building	Analyses building design in the context of fire safety provision.

					design context.	
Building safety	4	The impacts of building fire safety legislation.	None.		Outlines the impact of fire safety legislation in buildings.	None.
Building safety	2	Methods of safe working including risk assessments, method statements, control measures and safe systems of work.	Comply with safe systems of work and apply control measures.		Complies with safe systems of work, including risk assessments and method statements applying the required control measures, in line with the safe system of work.	Explains the importance of risk assessments, method statements and safe systems of working to the construction industry.
Building safety	4+	Hazard identification techniques and principles of risk management systems.	Identify hazards and carry out risk management processes and activities.		Applies hazard identification principles and techniques to produce risk management systems in line with statutory legislations.	Evaluates their application of hazard identification principles and techniques.
Building safety	2+	Fire safety in buildings, Fire compartments, self-closers, fire doors, Fire stopping materials, passage of fire. (Fire triangle/control – extinguishers etc) (TB to adjust).				None.
Building safety	3+	Methods of safe working including risk assessments, method statements, control measure application and safe systems of work.	Comply with and promote risk assessments, method statements and safe systems of work and apply control measures.	B1 Promotes Safe working to others. B2 Take responsibility for own actions and for the actions of those under their supervision or direction with reference to safety.	B1 Complies with safe systems of work, including risk assessment and method statements and promotes compliance to others, and applies control measures in line with the safe system of work. B2 Takes responsibility for their own and others compliance with safe systems of work, including risk assessment and method statements, applying control	Explains their decisions relating to method statements, safe systems of work and control measure application.

					measures in line with the safe system of work.	
Building services	3+	Requirements for insurance, warranty, or other protections.	None.		Describes the requirements of insurance, warranty, or other protections relevant to the context.	Explains the wider implications of insurance, warranties, and other protections relevant to the context.
Collaboration and teamwork	3+	Collaborative working techniques with internal and external stakeholders.	Work collaboratively with internal and external stakeholders, as part of a team.	Collaborate with others.	Explains how they work collaboratively, with internal and external stakeholders, as part of a team, to achieve work goals.	Explains the impact of collaborative working techniques on team driven work goals.
Teamwork	2+	Team working techniques.	Apply team working techniques.	Team-focus to meet work goals.	Describes how they contribute to team working to meet their team's work goals.	Explains how their team focus supports wider teams to meet their goals.
Customer service and communication	3+	Communication techniques and industry terminology.	Consult and engage with occupants or others who are or could be affected by work (for example vulnerable, older and disabled people) and respond appropriately.		Engages with those in the immediate vicinity of the site who are or could be affected by work and responds to queries.	None.
Customer service and communication	2	Communication techniques and industry terminology.	Engage with occupants or others who are or could be affected by work and respond, under supervision.		Engages, under supervision, with those in the immediate vicinity of the site who are or could be affected by work and responds to queries.	None.
Customer service and communication	2+	Communication techniques and industry terminology.	Manages customer requests for additional work outside of scope.		Describes how they manage customer requests for additional work outside the scope of the project.	Explains the importance of management of customer requests and how mismanagement can impact the business
Customer service and communication	2	How to select and present information in different formats.	Select and present information in different formats		Selects and presents information in different formats suitable to the context.	Gives reasons why information is presented in different formats.

Customer service and communication	2	Verbal communication techniques and industry terminology.	Communicate with others verbally for example, internal and external customers, colleagues, and managers.		Communicates verbally with others, to support task completion, applying industry terminology in a way that is suitable for the context and audience.	None.
Customer service and communication	3+	Written communication techniques. Plain English principles. sector specific terminology. (TB To add to list such as report writing).	Communicate with internal and external stakeholders using sector specific terminology through written means.		Communicates with internal and external stakeholders in written form using techniques suitable for the context and sector specific terminology.	None.
Customer service and communication	3+	Verbal communication techniques. Giving and receiving information. Adapting style to audience. Barriers in communication and how to overcome them. Specific terminology.	Communicate with internal and external stakeholders using sector specific terminology through verbal means.		Communicates verbally with internal and external stakeholders using techniques suitable for the context, adapting style and use of terminology to suit the audience.	None.
Digital construction	2	Technology and application (TB to list potential technology).	Use technology, for example (TB to list potential technology).		Applies technology to support task completion in line with the task specification.	Explains their choices of technology.
Digital construction	3	Purpose and use of Computer Aided Design (CAD) and Building Information Modelling (BIM).	Use Computer Aided Design (CAD) and Building Information Modelling (BIM).		None.	None.
Digital construction	2+	Methods of interpreting and extracting relevant information from digital drawings, specifications, and work instructions.	Read and interpret information from digital drawings and specifications.		Reads and interprets information from digital drawings and specifications as required to support task completion.	Explains the impact digital software has on interpreting and extracting relevant information from drawings, specifications and work instructions.
Digital construction	3	Data types, quality, and data management techniques.	Manage different types of data according to its qualities.	Act ethically or act ethically when managing data.	Describes how they apply quality and ethical data management techniques to the types of data used to support their decision	None.

					making.	
Digital construction	2+	The basic principles of Computer Aided Design (CAD) and Building Information Modelling (BIM).			None.	None.
Digital construction	4+	The impacts of data types and quality.	Identify user opportunities and sources the right quality data to drive effective decisions across teams.		Identifies user opportunities and sources the correct data type and quality to drive effective decisions across teams, discussing the impacts of their data choices.	Evaluates the impact of data choice on team decisions.
Digital construction	4+	Commercial strategy and how it informs digital twins and the role of a non-destructive testing (NDT).			Outlines how commercial strategy informs digital twins and the role of an NDT practitioner.	Evaluates the extent to which commercial strategy informs digital twins and the role of an NDT practitioner.
Digital construction	3+	Commercial KPIs for own role and the business.	Contribute to delivering commercial KPIs for their own role and the business.		Explains how they contributes to delivering commercial KPIs for themselves and the business in line with the business strategy.	Evaluates their approach to delivering commercial KPIs for the business.
Digital construction	4+	Commercial strategy and how it contributes to the NDT.			Outlines the organisations commercial strategy and its contribution to NDT.	Evaluates impact of NDT on the organisation's commercial strategy.
Digital construction	4+	Analytical tools and technology to analyse data. Data ethics.	Calculate and advise on risk and reward ratio of investment in data analysis and sharing.	Act ethically when managing data.	Applies analytical tools to calculate and advise, in an ethical way, the risk and reward ratio of investment in data analysis and sharing.	Evaluates how they use risk and reward ratio on business outcomes.
Digital construction	2	Data collection, storage and sharing methods and techniques.				
Digital construction	2+	Data collection, storage and sharing methods and techniques.	Use methods and techniques to collect, store and share data.	Act ethically.	Applies methods and techniques to collect, store and share data to support task completion	Explains their choice of methods and techniques used to collect store and

					in an ethical way.	share data.
Digital construction	4+	Lifecycle management and how it may positively impact the quality of data.			Explains how lifecycle management may positively impact the quality of data.	None.
Digital construction	4+	The principles of process modelling and how this is presented using workflow design.	Apply the principles of process modelling and workflow design to create and present business process artefacts that show events, action and connection points of a process.		Applies the principles of process modelling and workflow design to create and present business process artefacts that show events, action, and connection points of a process.	Evaluates their approach to producing their business process artefact.
Equity, diversity and inclusivity	4+	Equity, diversity and inclusion legislation, and its impact on built environment solutions.			Explains the impact of equality, diversity and inclusivity legislation on built environment solutions	None.
Equity, diversity and inclusivity	All	Legislative guidance relating to equity, diversity, and inclusivity in the workplace.	Follow equity, diversity and inclusion legislative guidance and principles.	Promote equity, diversity, and inclusivity in the workplace.	Describes how they follow equity, diversity and inclusion principles and legislative guidance and promote to others	None.
Equity, diversity and inclusivity	2	Principles of equity, diversity, and inclusion in the workplace and the impact on their work.	Follow equity, diversity, and inclusion rules.		Describes how they follow and support equity, diversity, and inclusion in their work in line with rules.	None.
Equity, diversity and inclusivity	3	Principles of equity, diversity, and inclusion in the workplace. Unconscious bias.	Apply equity, diversity, and inclusion procedures.	Promote an inclusive workplace for example, respectful of different views.	Describes how they apply equity, diversity and inclusion procedures and promotes inclusion in the workplace, taking account of unconscious bias and different views.	Explains the benefits of supporting a diverse and inclusive culture for the business.
Equity, diversity and inclusivity	5+	The Equality Act - requirements on organisations.	Apply and promote policies and practices to support equity, diversity and inclusion.	Promote equity, diversity, and inclusivity in the workplace	Explains how they apply and promote policies and practices which support equity, diversity and	Justifies their approach to equity, diversity, and inclusion in terms of impact.

					inclusion	
Equity, diversity and inclusivity	5+	The Equality Act - requirements on organisations. Social inclusion practices. Reasonable adjustments to support accessibility. The impact of unconscious bias.	Encourage a diverse and inclusive culture.	Promote equity, diversity, and inclusivity in the workplace.	Explains how they promote and encourage a diverse and inclusive culture considering social inclusion practices, reasonable adjustments, and the impact of unconscious bias.	None.
Ethical construction	All	Ethical and unethical behaviour, and the routes for reporting if unethical behaviour is identified.	Apply ethical principles.	Act ethically.	Explains how they apply ethical principles to their role and the impact their actions have on the wider team and project objectives.	Explains why unethical behaviour should be reported.
Ethical construction	All	The roles and responsibilities of (occupational title).		Works within limits of own capability and know when to seek advice from others.	Works within the limits of their roles responsibilities and seeks advice from others when work goes beyond their role responsibilities or capabilities.	
Ethical construction	All	How own role contributes and impacts the wider team and project objectives.			Describes how their own role contributes and impacts the wider team and project objectives.	Explains the contribution and impact of their role to the wider team and project objective completion
Ethical construction	4+	Legal, civil and reputational implications of unethical behaviour and practice.			Explains the legal, civil, and reputational implications of unethical behaviour and practice.	Analyses the legal, civil, and reputational implications of unethical behaviour and practice.
Ethical construction	4+	Legislation and types of construction contracts relevant to the occupation.			Explains the legislation and types of construction contracts that are relevant to the occupation or role.	Analyses the impact of legislation and contracts on the relevant occupation or role.
Leadership and development – skills builder framework	3+	Leadership techniques and principles (TB to include a list if required).	Apply leadership techniques and principles (TB to include a list if		Describes how they apply leadership techniques and principles when working with others to	Evaluates their approach to leadership when working with others. Justifies their choice of

					support task completion.	leadership techniques when working with others.
			required).			
Leadership and development – skills builder framework	3+	Project management techniques (TB to include a list if required).	Use project management techniques, (TB to include a list if required).		Selects and applies project management techniques in line with the project brief.	None.
Leadership and development – skills builder framework	3+	Development techniques.	Develop others in the workplace.		Describes the techniques they use to develop others in the workplace	Explains how they provide an individual approach to develop others.
Leadership and development – skills builder framework	All	CPD (planned and unplanned) and recording methods.	Carry out and record CPD.		Carry out and record their own planned and unplanned CPD in line with organisational CPD requirements.	Explains how their CPD has made a difference to their work (and the business).
Mental health	All	Awareness of issues and common symptoms and warning signs of stress, anxiety, and depression, plus where to go for help and the resources available.			Describes the issues, symptoms and warning signs related to stress anxiety and depression, and how to access sources of help and relevant resources.	Explains the impact of stress, anxiety and depression on the organisation or sector.
Leadership and development – skills builder framework	All			Committed to maintaining and enhancing competence of self through Continued Professional Development (CPD).	Describes CPD they have undertaken and their future plans for CPD to enhance competence.	
Customer service and communication	All			Adapt to new and changing situations with clients and customers.	Describes how they adapt to new and changing situations to meet client and customer needs.	Evaluates their approach to adapting to new and changing situations. Explains their approach to adapting to new and changing situations, outlining what they did well and what they would do differently.